

| Data column header                                     | S.No    | Date of Arrival | Village Name | Sample Name   | Latitude  | Longitude             | Code         | Source      | Time of Sample collection | Temp °C | Colour Hazen | Turbidity NTU | pH      | Conductivity µS/cm | ORP mV  | DO (NAOH) % | Nitrates mg/L | Alkalinity mg/L | Fecal Coliform MPN/100ml | total Suspended Solids mg/L | BOD (5-@P) mg/L (Average) | Dissolved BOD mg/L (Average) | COD mg/L | Dissolved COD mg/L | Phosphate mg/L | Ammonia acid preservation Freeze (5.0N NaOH addic acid neutralize [pH- 7 to 1 | Chlorophyll 'a' mg/m3 | Weather Temperature °C | Weather Rain mm                              | Remarks                                      | Nitrates acid preservation Freeze (5.0N NaOH addic acid neutralize [pH- 7 to 1 | Nitrates acid preservation Freeze (5.0N NaOH addic acid neutralize [pH- 7 to 1 | Nitrates acid preservation Freeze (5.0N NaOH addic acid neutralize [pH- 7 to 1 |  |  |
|--------------------------------------------------------|---------|-----------------|--------------|---------------|-----------|-----------------------|--------------|-------------|---------------------------|---------|--------------|---------------|---------|--------------------|---------|-------------|---------------|-----------------|--------------------------|-----------------------------|---------------------------|------------------------------|----------|--------------------|----------------|-------------------------------------------------------------------------------|-----------------------|------------------------|----------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--|--|
|                                                        | Numeric | Date            | Text string  | alphanumeric  | Numeric   | Longitudealphanumeric | alphanumeric | Text string | Time                      | numeric | Numeric      | Numeric       | Numeric | Numeric            | Numeric | Numeric     | Numeric       | Numeric         | Numeric                  | Numeric                     | Numeric                   | Numeric                      | Numeric  | Numeric            | Numeric        | Numeric                                                                       | Numeric               | Numeric                | Numeric                                      | Text String                                  | Numeric                                                                        | Numeric                                                                        | Numeric                                                                        |  |  |
|                                                        | □       | □               | □            | □             | □         | □                     | □            | □           | □                         | □       | □            | □             | □       | □                  | □       | □           | □             | □               | □                        | □                           | □                         | □                            | □        | □                  | □              | □                                                                             | □                     | □                      | □                                            | □                                            | □                                                                              | □                                                                              | □                                                                              |  |  |
| Record entry example<br>Data type<br>Dashboard display | 1       | 11/5/2015       | Jakkur Lake  | Jakkur lake-1 | 13.050120 | 77.365760             | JK-1         | SW          | 12.30pm                   |         |              |               | 8.97    | 1114               | -137    | 4.25        | 23.32         | 7.8E+01         | 160                      | 60.0                        | 38.0                      | 69.7                         |          | 0.5                |                |                                                                               | Ang. Max-33           |                        | 0                                            | Main gate water Runoff point (Green colour)  |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 2       | 11/5/2015       | Jakkur Lake  | Jakkur lake-2 | 13.050140 | 77.364170             | JK-2         | SW          |                           |         |              |               | 7.53    | 1400               | -56     | 0.00        | 7.04          | 9.2E+01         | 70                       | 11.2                        | 1.0                       | 38.8                         |          | 0.3                |                | Ang. Min-22                                                                   |                       | 0                      | Wetland Outlet point                         |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 3       | 11/5/2015       | Jakkur Lake  | Jakkur lake-3 | 13.056600 | 77.364600             | JK-3         | SW          | to                        |         |              |               | 7.76    | 1419               | -69     | 4.00        | 6.60          | 5.4E+01         | 110                      | 25.0                        | 5.0                       | 89.4                         |          | 0.5                |                |                                                                               |                       |                        | Wetland Outlet point                         |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 4       | 11/5/2015       | Jakkur Lake  | Jakkur lake-4 | 13.056600 | 77.364600             | JK-4         | SW          |                           |         |              |               | 7.32    | 2000               | -45     | 0.00        | 3.96          | 5.4E+01         | 160                      | 26.0                        | 2.0                       | 55.8                         |          | 0.6                |                |                                                                               |                       |                        | Raw sewage point                             |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 5       | 11/5/2015       | Jakkur Lake  | Jakkur lake-5 | 13.020500 | 77.366770             | JK-5         | SW          |                           |         |              |               | 8.72    | 1124               | -126    | 1.90        | 5.72          | 2.6E+01         | 200                      | 50.0                        | 35.0                      | 55.8                         |          | 0.3                |                |                                                                               |                       |                        | Jakkur lake-Lake sample point (Green colour) |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 6       | 11/5/2015       | Jakkur Lake  | Jakkur lake-6 | 13.048120 | 77.368800             | JK-6         | SW          | 2.00pm                    |         |              |               | 8.55    | 1139               | -116    | 5.90        | 13.60         | 6.1E+01         | 110                      | 36.0                        | 34.0                      | 40.0                         |          | 0.3                |                |                                                                               |                       |                        | Jakkur lake outlet point (Green colour)      |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 7       | 3/6/2015        | Jakkur Lake  | Jakkur lake-1 | 13.050120 | 77.365760             | JK-1         | SW          | 3.30pm                    |         |              |               | 8.50    | 1110               | -       | 12.40       | 11.00         | 4.0E+01         | 60                       | 43.5                        | 13.5                      | 90.0                         |          | 0.5                |                | Ang. Max-31                                                                   | 5mm                   |                        | 0                                            | Main gate water Runoff point (Green colour)  |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 8       | 3/6/2015        | Jakkur Lake  | Jakkur lake-2 | 13.050140 | 77.364170             | JK-2         | SW          |                           |         |              |               | 8.40    | 1400               | -       | 0.55        | 8.40          | 7.0E+01         | 40                       | 8.5                         | 8.4                       | 40.0                         |          | 0.5                |                | Ang. Min-21                                                                   |                       |                        | 0                                            | Wetland outlet point                         |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 9       | 3/6/2015        | Jakkur Lake  | Jakkur lake-3 | 13.056600 | 77.364600             | JK-3         | SW          | to                        |         |              |               | 7.45    | 1400               | -       | 2.45        | 13.64         | 7.0E+01         | 80                       | 8.7                         | 8.0E+01                   | 30.0                         |          | 0.5                |                |                                                                               |                       |                        | Jakkur lake STP outlet point                 |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 10      | 3/6/2015        | Jakkur Lake  | Jakkur lake-4 | 13.056600 | 77.364600             | JK-4         | SW          |                           |         |              |               | 7.32    | 1900               | -       | 0.00        | 3.96          | 3.5E+04         | 50                       | 21.0                        | 3.4                       | 60.0                         |          | 0.5                |                |                                                                               |                       |                        | Raw sewage point (Light Green colour)        |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 11      | 3/6/2015        | Jakkur Lake  | Jakkur lake-6 | 13.048120 | 77.368800             | JK-6         | SW          | 5.30pm                    |         |              |               | 8.10    | 1119               | -       | 11.40       | 5.72          | 6.8E+01         | 60                       | 41.0                        | 18.0                      | 100.0                        |          | 0.3                |                |                                                                               |                       |                        | Jakkur lake outlet point (Green colour)      |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 12      | 7/7/2015        | Jakkur Lake  | Jakkur lake-1 | 13.050120 | 77.365760             | JK-1         | SW          | 2.30pm                    | 26.9    |              |               | 7.74    | 995                | -65     | 12.70       | 42.68         | 2.0E+01         | 90                       | 35.0                        | 12.0                      | 121.1                        |          | 24.2               | 0.5            |                                                                               | Ang. Max-28           | 3mm                    |                                              | 0                                            | Main gate water Runoff point (Green colour)                                    |                                                                                |                                                                                |  |  |
|                                                        | 13      | 7/7/2015        | Jakkur Lake  | Jakkur lake-2 | 13.050140 | 77.364170             | JK-2         | SW          |                           |         |              |               | 7.64    | 1365               | -60     | 2.40        | 4.84          | 1.3E+04         | 20                       | 10.0                        | 6.4                       | 43.6                         |          | 14.5               | 0.3            |                                                                               | Ang. Min-20           |                        |                                              | 0                                            | Wetland Outlet point                                                           |                                                                                |                                                                                |  |  |
|                                                        | 14      | 7/7/2015        | Jakkur Lake  | Jakkur lake-3 | 13.056600 | 77.364600             | JK-3         | SW          | to                        | 27.2    |              |               | 7.60    | 1335               | -58     | 0.50        | 4.84          | 3.3E+01         | 30                       | 20.0                        | 9.6                       | 121.1                        |          | 24.2               | 0.5            |                                                                               |                       |                        | Jakkur lake STP outlet point                 |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 15      | 7/7/2015        | Jakkur Lake  | Jakkur lake-4 | 13.056600 | 77.364600             | JK-4         | SW          |                           | 28.2    |              |               | 7.29    | 1605               | -40     | 0.00        | 4.84          | 6.8E+04         | 70                       | 21.1                        | 14.8                      | 82.4                         |          | 19.4               | 0.6            |                                                                               |                       |                        | Raw sewage point                             |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 16      | 7/7/2015        | Jakkur Lake  | Jakkur lake-5 | 13.020500 | 77.366770             | JK-5         | SW          |                           | 28.3    |              |               | 8.23    | 982                | -93     | 15.10       | 44.00         | 2.6E+01         | 80                       | 68.7                        | 10.0                      | 101.7                        |          | 33.9               | 0.3            |                                                                               |                       |                        | Jakkur lake-Lake sample point (Green colour) |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 17      | 7/7/2015        | Jakkur Lake  | Jakkur lake-6 | 13.048120 | 77.368800             | JK-6         | SW          | 5.00pm                    | 26.4    |              |               | 9.03    | 966                | -139    | 19.80       | 36.08         | 6.8E+01         | 70                       | 34.0                        | 8.0                       | 101.7                        |          | 29.1               | 0.3            |                                                                               |                       |                        | Jakkur lake outlet point (Green colour)      |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 18      | 3/8/2015        | Jakkur Lake  | Jakkur lake-1 | 13.050120 | 77.365760             | JK-1         | SW          | 2.30pm                    | 26.9    |              |               | 8.78    | 974                | -       | 11.8        | 12.8          | 2.0E+01         | 30                       | 21.5                        | 14                        | 79.4                         |          | 49.6               | 1.2            |                                                                               | Ang. Max-28           |                        | 0                                            | Main gate water Runoff point (Green colour)  |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 19      | 3/8/2015        | Jakkur Lake  | Jakkur lake-2 | 13.050140 | 77.364170             | JK-2         | SW          |                           | 26.4    |              |               | 1.57    | 1116               | -       | 1           | 57.64         | 1.4E+04         | 20                       | 8.5                         | 5.6                       | 69.4                         |          | 39.7               | 2.3            |                                                                               | Ang. Min-20           |                        |                                              | 0                                            | Wetland Outlet point                                                           |                                                                                |                                                                                |  |  |
|                                                        | 20      | 3/8/2015        | Jakkur Lake  | Jakkur lake-3 | 13.056600 | 77.364600             | JK-3         | SW          | to                        | 28.4    |              |               | 7.80    | 1008               | -       | 3           | 11.2          | 7.8E+04         | 40                       | 20.0                        | 8.4                       | 69.4                         |          | 49.6               | 1.2            |                                                                               |                       |                        | Jakkur lake STP outlet point                 |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 21      | 3/8/2015        | Jakkur Lake  | Jakkur lake-4 | 13.056600 | 77.364600             | JK-4         | SW          |                           | 26.1    |              |               | 26.1    | 1139               | -       | 26.1        | 114.3         | 3.3E+01         | 50                       | 24.0                        | 12.0                      | 89.3                         |          | 59.5               | 3.0            |                                                                               |                       |                        | Raw sewage point                             |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 22      | 3/8/2015        | Jakkur Lake  | Jakkur lake-6 | 13.048120 | 77.368800             | JK-6         | SW          | 5.00pm                    | 28.6    |              |               | 9.00    | 980                | -       | 16          | 25.08         | 3.1E+04         | 40                       | 19.0                        | 10                        | 84.3                         |          | 49.6               | 1.0            |                                                                               |                       |                        | Jakkur lake outlet point (Green colour)      |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 23      | 28/9/2015       | Jakkur Lake  | Jakkur lake-1 | 13.050120 | 77.365760             | JK-1         | SW          | 2.45pm                    | 26.5    |              |               | 7.75    | 865                | -112    | 12.50       | 8.80          | 9.2E+01         | 60                       | 20.5                        | 10.8                      | 72.0                         |          | -                  | 0.9            |                                                                               | Ang. Max-28           | 10mm                   |                                              | 0                                            | Main gate water Runoff point (Green colour)                                    |                                                                                |                                                                                |  |  |
|                                                        | 24      | 28/9/2015       | Jakkur Lake  | Jakkur lake-2 | 13.050140 | 77.364170             | JK-2         | SW          |                           | 26.6    |              |               | 8.64    | 731                | -49     | 1.60        | 4.84          | 3.3E+04         | 60                       | 7.9                         | 4.6                       | 30.9                         |          | -                  | 1.7            |                                                                               | Ang. Min-20           |                        |                                              | 0                                            | Wetland Outlet point                                                           |                                                                                |                                                                                |  |  |
|                                                        | 25      | 28/9/2015       | Jakkur Lake  | Jakkur lake-3 | 13.056600 | 77.364600             | JK-3         | SW          | to                        | 27.9    |              |               | 7.72    | 900                | -54     | 1.10        | 5.72          | 7.8E+04         | 40                       | 13.3                        | 5.6                       | 51.4                         |          | -                  | 2.7            |                                                                               |                       |                        | Jakkur lake STP outlet point                 |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 26      | 28/9/2015       | Jakkur Lake  | Jakkur lake-4 | 13.056600 | 77.364600             | JK-4         | SW          |                           | 26.9    |              |               | 7.72    | 900                | -29     | 2.10        | 5.72          | 7.8E+04         | 50                       | 8.0                         | 6.6                       | 20.0                         |          | -                  | 1.1            |                                                                               |                       |                        | Raw sewage point                             |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 27      | 28/9/2015       | Jakkur Lake  | Jakkur lake-6 | 13.048120 | 77.368800             | JK-6         | SW          | 5.30pm                    | 25.3    |              |               | 9.04    | 860                | -129    | 12.80       | 14.52         | 6.1E+01         | 60                       | 23.0                        | 9.2                       | 61.7                         |          | -                  | 0.9            |                                                                               |                       |                        | Jakkur lake outlet point (Green colour)      |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 28      | 19-10-2015      | Jakkur Lake  | Jakkur lake-1 | 13.050120 | 77.365760             | JK-1         | SW          | 2.45pm                    | 31.1    | 20-30        |               | 9.33    | 798                | -148    | 24.00       | 16.72         | 259             | 6.8E+01                  | 60                          | 14.4                      | 11.2                         | 66.9     |                    | -              | 0.5                                                                           |                       | Ang. Max-28            |                                              | 0                                            | Main gate water Runoff point (Green colour)                                    |                                                                                |                                                                                |  |  |
|                                                        | 29      | 19-10-2015      | Jakkur Lake  | Jakkur lake-3 | 13.056600 | 77.364600             | JK-3         | SW          |                           | 27.6    | 40-30        |               | 7.27    | 1342               | -28     | 2.00        | 415           | 3.1E+04         | 20                       | 13.7                        | 6.2                       | 25.7                         |          | -                  | 1.2            |                                                                               | Ang. Min-19           |                        |                                              | 0                                            | Jakkur lake STP outlet point                                                   |                                                                                |                                                                                |  |  |
|                                                        | 30      | 19-10-2015      | Jakkur Lake  | Jakkur lake-4 | 13.056600 | 77.364600             | JK-4         | SW          | to                        | 27.5    | 40-30        |               | 7.65    | 1180               | -50     | 6.0         | 2.64          | 427             | 6.3E+01                  | 60                          | 20.3                      | 7.6                          | 51.4     |                    | -              | 2.2                                                                           |                       |                        |                                              | Raw sewage point                             |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 31      | 19-10-2015      | Jakkur Lake  | Jakkur lake-5 | 13.020500 | 77.366770             | JK-5         | SW          |                           | 30      | 20-30        |               | 9.12    | 108                | -108    | 13.60       | 13.60         | 9.2E+01         | 90                       | 18.0                        | 5.0                       | 36.0                         |          | -                  | 0.6            |                                                                               |                       |                        | Jakkur lake-Lake sample point (Green colour) |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 32      | 19-10-2015      | Jakkur Lake  | Jakkur lake-6 | 13.048120 | 77.368800             | JK-6         | SW          | 4.30pm                    | 30      | 20-30        |               | 9.16    | 775                | -135    | 18.50       | 8.36          | 439             | 4.5E+01                  | 40                          | 10.6                      | 8.4                          | 45.4     |                    | -              | 0.3                                                                           |                       |                        |                                              | Jakkur lake outlet point (Green colour)      |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 33      | 29-10-2015      | Jakkur Lake  | Jakkur lake-1 | 13.050120 | 77.365760             | JK-1         | SW          | 2.45pm                    | 25      | 40-30        |               | 9.16    | 827                | -135    | 14.30       | 16.72         | 247             | 7.8E+01                  | 60                          | 30.0                      | 3.4                          | 80.6     |                    | -              | 0.4                                                                           |                       | Ang. Max-28            | 6mm                                          |                                              | 0                                                                              | Main gate water Runoff point (Green colour)                                    |                                                                                |  |  |
|                                                        | 34      | 29-10-2015      | Jakkur Lake  | Jakkur lake-2 | 13.050140 | 77.364170             | JK-2         | SW          |                           | 28.3    | 40-30        |               | 9.10    | 1154               | -96     | 16.60       | 3.52          | 399             | 7.8E+01                  | 50                          | 23.0                      | 3.6                          | 50.4     |                    | -              | 0.4                                                                           |                       | Ang. Min-19            |                                              |                                              | 0                                                                              | Wetland Outlet point                                                           |                                                                                |  |  |
|                                                        | 35      | 29-10-2015      | Jakkur Lake  | Jakkur lake-3 | 13.056600 | 77.364600             | JK-3         | SW          | 2.25pm                    | 26      | 40-30        |               | 8.80    | 1161               | -71     | 3.60        | 2.64          | 407             | 4.8E+04                  | 20                          | 12.9                      | 3.6                          | 60.5     |                    | -              | 1.2                                                                           |                       |                        |                                              | Jakkur lake STP outlet point                 |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 36      | 29-10-2015      | Jakkur Lake  | Jakkur lake-4 | 13.056600 | 77.364600             | JK-4         | SW          | 2.30pm                    | 27.6    | 40-30        |               | 9.10    | 1204               | -104    | 8.30        | 12.64         | 3.3E+01         | 50                       | 22.0                        | 4.3                       | 70.6                         |          | -                  | 0.8            |                                                                               |                       |                        | Raw sewage point                             |                                              |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 37      | 29-10-2015      | Jakkur Lake  | Jakkur lake-5 | 13.020500 | 77.366770             | JK-5         | SW          | 4.15pm                    | 27.5    | 20           |               | 9.25    | 839                | -141    | 15.30       | 14.52         | 243             | 2.0E+01                  | 70                          | 23.0                      | 3.8                          | 100.8    |                    | -              | 0.3                                                                           |                       |                        |                                              | Jakkur lake-Lake sample point (Green colour) |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 38      | 29-10-2015      | Jakkur Lake  | Jakkur lake-6 | 13.048120 | 77.368800             | JK-6         | SW          | 4.45pm                    | 26.6    | 30-20        |               | 8.78    | 838                | -113    | 8.60        | 8.80          | 231             | 1.2E+01                  | 60                          | 30.0                      | 3.6                          | 90.7     |                    | -              | 0.3                                                                           |                       |                        |                                              | Jakkur lake outlet point (Green colour)      |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 39      | 27-11-2015      | Jakkur Lake  | Jakkur lake-1 | 13.050120 | 77.365760             | JK-1         | SW          | 1.30pm                    | 25.3    | 40-30        |               | 8.41    | 802                | -93     | 15.20       | 14.96         | 241             | 1.4E+01                  | 90                          | 33.0                      | 4.4                          | 123.5    |                    | -              | 61.3                                                                          | 0.8                   |                        | Ang. Max-27                                  |                                              | 0                                                                              | Main gate water Runoff point (Green colour)                                    |                                                                                |  |  |
|                                                        | 40      | 27-11-2015      | Jakkur Lake  | Jakkur lake-3 | 13.056600 | 77.364600             | JK-3         | SW          | 1.10pm                    | 24.6    | 40-30        |               | 7.81    | 1027               | -59     | 4.40        | 5.28          | 402             | 3.3E+04                  | 20                          | 20.0                      | 5.6                          | 25.7     |                    | -              | 2.3                                                                           | 2.4                   |                        |                                              | Jakkur lake STP outlet point                 |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 41      | 27-11-2015      | Jakkur Lake  | Jakkur lake-4 | 13.056600 | 77.364600             | JK-4         | SW          | 1.15pm                    | 24.9    | 30-20        |               | 7.42    | 947                | -36     | 0.00        | 14.52         | 398             | 7.6E+04                  | 50                          | 24.0                      | 5.4                          | 72.0     |                    | -              | 0.9                                                                           |                       | Ang. Min-17            |                                              |                                              | 0                                                                              | Raw sewage point                                                               |                                                                                |  |  |
|                                                        | 42      | 27-11-2015      | Jakkur Lake  | Jakkur lake-6 | 13.048120 | 77.368800             | JK-6         | SW          | 2.00pm                    | 24.8    | 40-30        |               | 8.24    | 808                | -84     | 9.00        | 7.92          | 241             | 6.8E+01                  | 40                          | 32.0                      | 4.2                          | 61.7     |                    | -              | 10.7                                                                          | 0.8                   |                        |                                              | Jakkur lake outlet point (Green colour)      |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 43      | 27-11-2015      | Jakkur Lake  | Jakkur lake-7 | 12.993980 | 77.521930             | JK-7         | SW          | 12.45pm                   | 24.2    | 40-30        |               | 8.25    | 788                | -84     | 8.50        | 10.56         | 249             | 1.4E+04                  | 50                          | 32.0                      | 3.8                          | 82.3     |                    | -              | 41.2                                                                          | 0.7                   |                        |                                              | Jakkur lake outlet point (Green colour)      |                                                                                |                                                                                |                                                                                |  |  |
|                                                        | 44      | 9/12/2015       | Jakkur Lake  | Jakkur lake-1 | 13.050120 | 77.365760             | JK-1         | SW          | 4.00pm                    | 24.6    | 40-30        |               | 8.10    | 904                |         |             |               |                 |                          |                             |                           |                              |          |                    |                |                                                                               |                       |                        |                                              |                                              |                                                                                |                                                                                |                                                                                |  |  |

| Station number                             | S.No      | Date of Arrival | Village Name  | Sample Name | Latitude  | Longitude | Code | Source  | Time | Temp  | Colour | Turbidity | pH   | Conductivity | ORP   | DO (N/40) | Nitrate | Ammonia | Fecal Coliform | total Suspended Solid | BOD (5-RP) | Dissolved BOD | COD   | Dissolved COD | Phosphate | Ammonia | Chlorophyll 'a' | Weather | Weather                                 | Remarks                                      | Nitrate                                     | Nitrate                                      | Nitrate |  |  |
|--------------------------------------------|-----------|-----------------|---------------|-------------|-----------|-----------|------|---------|------|-------|--------|-----------|------|--------------|-------|-----------|---------|---------|----------------|-----------------------|------------|---------------|-------|---------------|-----------|---------|-----------------|---------|-----------------------------------------|----------------------------------------------|---------------------------------------------|----------------------------------------------|---------|--|--|
| 102                                        | 22/2/2016 | Jakkur Lake     | Jakkur lake-5 | 13.052090   | 77.366770 | Jc-5      | SW   | 3.30pm  | 30.1 | 40.0  | 65.3   | 9.19      | 1122 | -143         | 110   | 27.70     | 15.40   | 288     | 4.0E+02        | 50                    | 46.0       | 6.4           | 95.0  | 35.0          | 1.0       | 0       |                 |         |                                         | Jakkur lake-Lake sample point (Green colour) |                                             |                                              |         |  |  |
| 103                                        | 25/2/2016 | Jakkur Lake     | Jakkur lake-6 | 13.048120   | 77.368800 | Jc-6      | SW   | 2.20pm  | 29.9 | 40.50 | 50.9   | 8.81      | 1142 | -120         | 26.20 | 14.08     | 292     | 6.1E+02 | 70             | 54.0                  | 6.0        | 105.0         | 55.0  | 1.0           | 0         |         |                 |         | Jakkur lake outlet point (Green colour) |                                              |                                             |                                              |         |  |  |
| 104                                        | 25/2/2016 | Jakkur Lake     | Jakkur lake-7 | 12.993880   | 77.521930 | Jc-7      | SW   | 4.00pm  | 30.8 | 50    | 63.4   | 9.02      | 1140 | -133         | 10.20 | 11        | 284     | 8.3E+02 | 80             | 38.0                  | 7.2        | 95.0          | 45.0  | 0.9           | 0         |         |                 |         | Jakkur lake outlet point (Green colour) |                                              |                                             |                                              |         |  |  |
| 105                                        | 25/2/2016 | Jakkur Lake     | Jakkur lake-8 | 13.050120   | 77.365760 | Jc-8      | SW   | 2.40pm  | 29.3 | 90    | 40.6   | 7.05      | 914  | -18          | -     | 2.00      | 1.4E+04 | 100     | 135.0          | 28.0                  | 195.0      | 55.0          | 0.4   | 1             |           |         |                 |         |                                         | Main gate inlet chamber (Running water)      |                                             |                                              |         |  |  |
| 106                                        | 3/3/2016  | Jakkur Lake     | Jakkur lake-1 | 13.050120   | 77.365760 | Jc-1      | SW   | 2.30pm  | 27.4 | 40    | 65.7   | 8.87      | 1159 | -123         | 18.20 | 14.52     | 308     | 4.0E+02 | 80             | 40.0                  | 7.2        | 155.0         | 75.0  | 0.9           | 1         |         |                 |         |                                         |                                              | Main gate water runoff point (Green colour) |                                              |         |  |  |
| 107                                        | 3/3/2016  | Jakkur Lake     | Jakkur lake-2 | 13.050410   | 77.364170 | Jc-2      | SW   | 2.45pm  | 26.9 | 50    | 8.4    | 7.40      | 1408 | 37           | 1.30  | 4.40      | 448     | 6.1E+02 | 10             | 60.0                  | 20.0       | 75.0          | 25.0  | 1.1           | 11        |         |                 |         |                                         |                                              | Wetland Outlet point                        |                                              |         |  |  |
| 108                                        | 3/3/2016  | Jakkur Lake     | Jakkur lake-3 | 13.056600   | 77.364600 | Jc-3      | SW   | 2.55pm  | 28.2 | 60    | 26.1   | 7.27      | 1262 | -54          | 2.70  | 6.60      | 421     | 1.1E+04 | 30             | 20.0                  | 2.4        | 48.0          | 42.0  | 0.8           | 11        |         |                 |         |                                         |                                              | Jakkur lake STP outlet point                |                                              |         |  |  |
| 109                                        | 3/3/2016  | Jakkur Lake     | Jakkur lake-4 | 13.056600   | 77.364600 | Jc-4      | SW   | 3.00pm  | 26.8 | 80    | 17.5   | 7.42      | 1690 | -38          | 0.00  | 2.20      | 228     | 2.1E+05 | 100            | 90.0                  | 43.3       | 115.0         | 65.0  | 0.9           | 14        |         |                 |         |                                         |                                              | Raw sewage point                            |                                              |         |  |  |
| 110                                        | 3/3/2016  | Jakkur Lake     | Jakkur lake-6 | 13.048120   | 77.368800 | Jc-6      | SW   | 2.20pm  | 27.1 | 50    | 48.5   | 8.75      | 1187 | -116         | 17.00 | 13.20     | 300     | 4.0E+02 | 70             | 18.0                  | 6.4        | 85.0          | 55.0  | 0.8           | 0         |         |                 |         |                                         |                                              | Jakkur lake outlet point (Green colour)     |                                              |         |  |  |
| 111                                        | 3/3/2016  | Jakkur Lake     | Jakkur lake-8 | 13.050120   | 77.365760 | Jc-8      | SW   | 2.35pm  | 26.8 | 80    | 27.5   | 8.40      | 1183 | -145         | 10.80 | 1.45      | 380     | 6.0E+02 | 120            | 150.0                 | 44.0       | 175.0         | 105.0 | 0.8           | 1         |         |                 |         |                                         |                                              | Jakkur lake outlet point (Green colour)     |                                              |         |  |  |
| 112                                        | 3/3/2016  | Jakkur Lake     | Jakkur lake-8 | 13.050120   | 77.365760 | Jc-8      | SW   | 2.35pm  | 26.8 | 80    | 36.4   | 6.98      | 966  | -13          | 0.00  | 2.64      | 352     | 9.2E+04 | 120            | 150.0                 | 44.0       | 175.0         | 105.0 | 0.8           | 1         |         |                 |         |                                         |                                              | Main gate inlet chamber (Overflow water)    |                                              |         |  |  |
| 106                                        | 17/3/2016 | Jakkur Lake     | Jakkur lake-1 | 13.050120   | 77.365760 | Jc-1      | SW   | 2.50pm  | 32.4 | 80    | 79.4   | 9.30      | 1150 | -137         | 22.20 | 8.80      | 364     | 4.0E+02 | 90             | 33.00                 | 5.6        | 190.0         | 80.0  | 0.5           | 2         |         |                 |         |                                         |                                              | Main gate water runoff point (Green colour) |                                              |         |  |  |
| 107                                        | 17/3/2016 | Jakkur Lake     | Jakkur lake-2 | 13.050410   | 77.364170 | Jc-2      | SW   | 3.05pm  | 28.9 | 60    | 10.4   | 7.49      | 1411 | -38          | 1.30  | 3.52      | 436     | 6.8E+02 | 20             | 17.00                 | 12.0       | 210.0         | 90.0  | 2.5           | 11        |         |                 |         |                                         |                                              | Wetland Outlet point                        |                                              |         |  |  |
| 108                                        | 17/3/2016 | Jakkur Lake     | Jakkur lake-3 | 13.056600   | 77.364600 | Jc-3      | SW   | 3.10pm  | 28.3 | 60    | 20.3   | 7.78      | 1424 | -58          | 2.30  | 3.96      | 400     | 9.3E+03 | 40             | 34.00                 | 11.2       | 140.0         | 60.0  | 3.7           | 12        |         |                 |         |                                         |                                              | Jakkur lake STP outlet point                |                                              |         |  |  |
| 109                                        | 17/3/2016 | Jakkur Lake     | Jakkur lake-4 | 13.056600   | 77.364600 | Jc-4      | SW   | 3.30pm  | 28.2 | 90    | 26.1   | 7.42      | 2170 | -37          | 0.00  | 1.32      | 648     | 3.3E+05 | 100            | 36.00                 | 26.0       | 150.0         | 80.0  | 3.7           | 15        |         |                 |         |                                         |                                              | Raw sewage point                            |                                              |         |  |  |
| 110                                        | 17/3/2016 | Jakkur Lake     | Jakkur lake-6 | 13.048120   | 77.368800 | Jc-6      | SW   | 3.45pm  | 31.2 | 80    | 70.3   | 9.05      | 1149 | -137         | 24.20 | 7.92      | 240     | 8.2E+02 | 80             | 21.00                 | 6.8        | 200.0         | 90.0  | 0.6           | 0         |         |                 |         |                                         |                                              | Jakkur lake outlet point (Green colour)     |                                              |         |  |  |
| 111                                        | 17/3/2016 | Jakkur Lake     | Jakkur lake-7 | 12.993880   | 77.521930 | Jc-7      | SW   | 3.15pm  | 30.5 | 70    | 47.6   | 8.55      | 1199 | -104         | 3.80  | 7.04      | 300     | 9.2E+02 | 50             | 33.00                 | 6.8        | 280.0         | 70.0  | 1.0           | 1         |         |                 |         |                                         |                                              | Jakkur lake outlet point (Green colour)     |                                              |         |  |  |
| 112                                        | 17/3/2016 | Jakkur Lake     | Jakkur lake-8 | 13.050120   | 77.365760 | Jc-8      | SW   | 2.50pm  | 31.1 | 120   | 65.1   | 6.87      | 966  | -31          | 0.00  | 2.64      | 352     | 9.2E+04 | 120            | 150.0                 | 44.0       | 175.0         | 105.0 | 0.8           | 1         |         |                 |         |                                         |                                              | Main gate inlet chamber (Overflow water)    |                                              |         |  |  |
| 113                                        | 13/4/2016 | Jakkur Lake     | Jakkur lake-1 | 13.050120   | 77.365760 | Jc-1      | SW   | 2.35pm  | 30.8 | 80    | 76.0   | 9.07      | 1238 | -134         | 17.60 | 6.16      | 276     | 6.8E+02 | 80             | 18.0                  | 2.2        | 125.0         | 25.0  | 0.8           | 3         |         |                 |         |                                         |                                              | Main gate water runoff point (Green colour) |                                              |         |  |  |
| 114                                        | 13/4/2016 | Jakkur Lake     | Jakkur lake-2 | 13.050410   | 77.364170 | Jc-2      | SW   | 2.45pm  | 27.5 | 60    | 7.7    | 7.39      | 1501 | -35          | 1.50  | 4.40      | 450     | 6.1E+03 | 10             | 11.0                  | 7.2        | 25.0          | 3.2   | 2             | 23        |         |                 |         |                                         |                                              | Wetland Outlet point                        |                                              |         |  |  |
| 115                                        | 13/4/2016 | Jakkur Lake     | Jakkur lake-3 | 13.056600   | 77.364600 | Jc-3      | SW   | 2.55pm  | 29.3 | 60    | 16.9   | 7.69      | 1405 | -53          | 2.20  | 8.36      | 432     | 9.2E+03 | 30             | 30.0                  | 6.4        | 45.0          | 15.0  | 1.3           | 31        |         |                 |         |                                         |                                              | Jakkur lake STP outlet point                |                                              |         |  |  |
| 116                                        | 13/4/2016 | Jakkur Lake     | Jakkur lake-4 | 13.056600   | 77.364600 | Jc-4      | SW   | 3.00pm  | 31.1 | 120   | 15.4   | 7.33      | 2262 | -43          | 0.00  | 1.76      | 644     | 1.4E+05 | 100            | 42.0                  | 8.4        | 160.0         | 80.0  | 4.0           | 38        |         |                 |         |                                         |                                              | Raw sewage point                            |                                              |         |  |  |
| 117                                        | 13/4/2016 | Jakkur Lake     | Jakkur lake-6 | 13.048120   | 77.368800 | Jc-6      | SW   | 3.40pm  | 32.4 | 60    | 61.0   | 9.53      | 1259 | -162         | 28.80 | 8.36      | 204     | 1.2E+03 | 50             | 31.0                  | 2.0        | 45.0          | 25.0  | 0.5           | 4         |         |                 |         |                                         |                                              | Jakkur lake outlet point (Green colour)     |                                              |         |  |  |
| 118                                        | 13/4/2016 | Jakkur Lake     | Jakkur lake-7 | 12.993880   | 77.521930 | Jc-7      | SW   | 3.45pm  | 29.0 | 40    | 22.5   | 8.56      | 1257 | -104         | 1.50  | 4.40      | 300     | 6.8E+02 | 20             | 12.0                  | 1.8        | 45.0          | 15.0  | 0.9           | 3         |         |                 |         |                                         |                                              | Jakkur lake outlet point (Green colour)     |                                              |         |  |  |
| 119                                        | 12/5/2016 | Jakkur Lake     | Jakkur lake-1 | 13.050120   | 77.365760 | Jc-1      | SW   | 2.45pm  | 32.6 | 70    | 79.6   | 9.39      | 1211 | -154         | 20.10 | 16.28     | 281     | 8.2E+03 | 90             | 26.0                  | 3.0        | 79.4          | 29.8  | 0.5           | 3         | 130     |                 |         |                                         |                                              |                                             | Main gate water runoff point (Green colour)  |         |  |  |
| 120                                        | 12/5/2016 | Jakkur Lake     | Jakkur lake-2 | 13.050410   | 77.364170 | Jc-2      | SW   | 2.50pm  | 28.5 | 100   | 15.4   | 7.50      | 1345 | -41          | 0.00  | 4.84      | 474     | 9.2E+03 | 20             | 40.0                  | 1.6        | 49.6          | 9.9   | 4.9           | 39        |         |                 |         |                                         |                                              | Wetland Outlet point                        |                                              |         |  |  |
| 121                                        | 12/5/2016 | Jakkur Lake     | Jakkur lake-3 | 13.056600   | 77.364600 | Jc-3      | SW   | 2.55pm  | 28.2 | 70    | 7.12   | 1262      | -54  | 2.70         | 6.60  | 421       | 1.1E+04 | 30      | 20.0           | 2.4                   | 48.0       | 42.0          | 0.8   | 34            |           |         |                 |         |                                         | Jakkur lake STP outlet point                 |                                             |                                              |         |  |  |
| 122                                        | 12/5/2016 | Jakkur Lake     | Jakkur lake-4 | 13.056600   | 77.364600 | Jc-4      | SW   | 3.20pm  | 29.6 | 120   | 15.8   | 7.52      | 1881 | -42          | 0.00  | 3.96      | 699     | 2.4E+05 | 70             | 52.0                  | 15.0       | 99.4          | 39.7  | 4.6           | 29        |         |                 |         |                                         |                                              | Raw sewage point                            |                                              |         |  |  |
| 123                                        | 12/5/2016 | Jakkur Lake     | Jakkur lake-5 | 13.052090   | 77.366770 | Jc-5      | SW   | 3.45pm  | 30.8 | 80    | 78.4   | 9.50      | 1209 | -159         | 21.20 | 14.08     | 273     | 9.2E+03 | 100            | 24.0                  | 2.6        | 99.2          | 34.7  | 0.7           | 3         | 78      |                 |         |                                         |                                              |                                             | Jakkur lake-Lake sample point (Green colour) |         |  |  |
| 124                                        | 12/5/2016 | Jakkur Lake     | Jakkur lake-6 | 13.048120   | 77.368800 | Jc-6      | SW   | 4.00pm  | 30.7 | 60    | 49.6   | 8.92      | 1191 | -158         | 22.10 | 15.8      | 297     | 1.2E+04 | 90             | 30.0                  | 30.7       | 99.2          | 39.7  | 0.5           | 1         | 308     |                 |         |                                         |                                              |                                             | Jakkur lake outlet point (Green colour)      |         |  |  |
| 125                                        | 12/5/2016 | Jakkur Lake     | Jakkur lake-7 | 12.993880   | 77.521930 | Jc-7      | SW   | 4.15pm  | 30.0 | 70    | 75.8   | 9.34      | 1212 | -149         | 11.80 | 13.20     | 285     | 1.2E+04 | 100            | 25.0                  | 3.2        | 119.0         | 34.7  | 0.7           | 3         | 84      |                 |         |                                         |                                              |                                             | Jakkur lake outlet point (Green colour)      |         |  |  |
| 126                                        | 8/6/2016  | Jakkur Lake     | Jakkur lake-1 | 13.050120   | 77.365760 | Jc-1      | SW   | 12.45pm | 27.5 | 60    | 73.1   | 8.35      | 1148 | -90          | 4.50  | 9.24      | 297     | 3.5E+05 | 40             | 22.00                 | 3.60       | 88.6          | 49.2  | 2.0           | 47        |         |                 |         |                                         |                                              | Main gate water runoff point (Green colour) |                                              |         |  |  |
| 126                                        | 8/6/2016  | Jakkur Lake     | Jakkur lake-2 | 13.050410   | 77.364170 | Jc-2      | SW   | 1.05pm  | 26.7 | 80    | 8.1    | 7.49      | 1211 | -40          | 0.00  | 6.16      | 314     | 2.2E+05 | 20             | 14.00                 | 2.40       | 68.9          | 39.4  | 1.9           | 29        |         |                 |         |                                         |                                              | Wetland Outlet point                        |                                              |         |  |  |
| 126                                        | 8/6/2016  | Jakkur Lake     | Jakkur lake-3 | 13.056600   | 77.364600 | Jc-3      | SW   | 1.15pm  | 27.3 | 40    | 16.5   | 7.60      | 1017 | -46          | 2.30  | 14.08     | 310     | 2.0E+03 | 10             | 15.00                 | 2.40       | 59.1          | 39.4  | 0.3           | 1         |         |                 |         |                                         |                                              | Jakkur lake STP outlet point                |                                              |         |  |  |
| 126                                        | 8/6/2016  | Jakkur Lake     | Jakkur lake-4 | 13.056600   | 77.364600 | Jc-4      | SW   | 1.20pm  | 28.1 | 60    | 15.4   | 7.53      | 1262 | -42          | 0.00  | 2.14      | 650     | 9.0E+04 | 30             | 18.00                 | 1.70       | 48.0          | 29.8  | 0.4           | 29        |         |                 |         |                                         |                                              | Raw sewage point                            |                                              |         |  |  |
| 126                                        | 8/6/2016  | Jakkur Lake     | Jakkur lake-6 | 13.048120   | 77.368800 | Jc-6      | SW   | 1.45pm  | 32.3 | 60    | 73.3   | 9.10      | 1124 | -136         | 16.30 | 8.80      | 269     | 2.0E+03 | 50             | 21.00                 | 4.80       | 88.6          | 39.4  | 1.1           | 65        |         |                 |         |                                         |                                              | Jakkur lake outlet point (Green colour)     |                                              |         |  |  |
| 126                                        | 8/6/2016  | Jakkur Lake     | Jakkur lake-7 | 12.993880   | 77.521930 | Jc-7      | SW   | 1.50pm  | 29.5 | 80    | 68.4   | 8.99      | 1211 | -115         | 8.80  | 7.92      | 297     | 1.1E+03 | 30             | 21.00                 | 12.0       | 68.9          | 49.2  | 0.6           | 60        |         |                 |         |                                         |                                              | Jakkur lake outlet point (Green colour)     |                                              |         |  |  |
| Note : Nil - White Precipitate (No Result) |           |                 |               |             |           |           |      |         |      |       |        |           |      |              |       |           |         |         |                |                       |            |               |       |               |           |         |                 |         |                                         |                                              |                                             |                                              |         |  |  |

[1] Author:  
Drizzling before sampling for sometime.