

## **Appendix H –**

# **Dry Season Baseline Water Quality Monitoring Results and Graphical Presentation**

Water Quality Monitoring Location : TKW1

| Date       | Water depth (cm) | Temperature (°C) |         | pH    |         | DO (mg/L) |         | DO (%) |         | Turbidity (NTU) |         | Suspended Solids (mg/L) |         |
|------------|------------------|------------------|---------|-------|---------|-----------|---------|--------|---------|-----------------|---------|-------------------------|---------|
|            |                  | Value            | Average | Value | Average | Value     | Average | Value  | Average | Value           | Average | Value                   | Average |
| 6/12/2022  | 8                | 16.7             | 16.7    | 7.2   | 7.2     | 2.2       | 2.2     | 22.2   | 22.0    | 11.3            | 11.8    | 1.0                     | 2.1     |
|            |                  | 16.7             |         | 7.2   |         | 2.1       |         | 21.7   |         | 12.3            |         | 3.1                     |         |
| 8/12/2022  | 7                | 18.7             | 18.7    | 7.6   | 7.6     | 2.9       | 2.9     | 30.8   | 30.9    | 14.4            | 14.6    | 1.5                     | 1.7     |
|            |                  | 18.7             |         | 7.6   |         | 2.9       |         | 31.0   |         | 14.8            |         | 1.9                     |         |
| 10/12/2022 | 8                | 16.7             | 16.7    | 7.6   | 7.6     | 2.4       | 2.4     | 25.1   | 24.8    | 17.9            | 17.2    | 4.4                     | 4.4     |
|            |                  | 16.7             |         | 7.6   |         | 2.4       |         | 24.5   |         | 16.5            |         | 4.4                     |         |
| 13/12/2022 | 6                | 13.6             | 13.6    | 7.3   | 7.3     | 2.1       | 2.1     | 20.7   | 20.0    | 7.0             | 7.0     | 3.4                     | 3.2     |
|            |                  | 13.6             |         | 7.3   |         | 2.0       |         | 19.3   |         | 7.0             |         | 3.0                     |         |
| 15/12/2022 | 7                | 16.4             | 16.4    | 8.2   | 8.2     | 2.4       | 2.3     | 23.7   | 23.5    | 14.5            | 14.3    | 7.9                     | 7.6     |
|            |                  | 16.4             |         | 8.1   |         | 2.3       |         | 23.2   |         | 14.0            |         | 7.2                     |         |
| 17/12/2022 | 10               | 16.5             | 16.6    | 7.6   | 7.6     | 2.6       | 2.5     | 26.6   | 26.1    | 10.5            | 10.2    | 2.2                     | 2.1     |
|            |                  | 16.6             |         | 7.6   |         | 2.5       |         | 25.5   |         | 9.9             |         | 1.9                     |         |
| 20/12/2022 | 11               | 16.4             | 16.4    | 7.6   | 7.6     | 2.7       | 2.7     | 27.6   | 27.6    | 4.3             | 4.2     | 1.7                     | 1.8     |
|            |                  | 16.4             |         | 7.6   |         | 2.7       |         | 27.6   |         | 4.2             |         | 1.8                     |         |
| 22/12/2022 | 13               | 17.6             | 17.6    | 7.7   | 7.7     | 2.7       | 2.7     | 28.6   | 28.7    | 7.0             | 7.0     | 3.3                     | 3.4     |
|            |                  | 17.6             |         | 7.7   |         | 2.7       |         | 28.7   |         | 7.0             |         | 3.5                     |         |
| 24/12/2022 | 8                | 16.4             | 16.4    | 7.3   | 7.3     | 2.2       | 2.2     | 22.4   | 22.4    | 4.4             | 4.4     | 4.8                     | 4.6     |
|            |                  | 16.4             |         | 7.3   |         | 2.2       |         | 22.3   |         | 4.4             |         | 4.4                     |         |
| 26/12/2022 | 9                | 20.0             | 20.0    | 7.2   | 7.2     | 3.5       | 3.5     | 38.5   | 38.5    | 2.5             | 2.5     | <1.0                    | 1.0     |
|            |                  | 20.0             |         | 7.2   |         | 3.5       |         | 38.5   |         | 2.5             |         | 1.0                     |         |
| 28/12/2022 | 12               | 12.0             | 12.0    | 7.3   | 7.3     | 3.8       | 3.9     | 35.3   | 35.8    | 4.5             | 4.6     | 2.2                     | 2.3     |
|            |                  | 12.0             |         | 7.3   |         | 3.9       |         | 36.3   |         | 4.7             |         | 2.4                     |         |
| 30/12/2022 | 15               | 16.7             | 16.7    | 7.0   | 7.0     | 4.3       | 4.3     | 43.9   | 43.9    | 16.1            | 15.9    | 11.0                    | 11.5    |
|            |                  | 16.7             |         | 7.0   |         | 4.3       |         | 43.9   |         | 15.7            |         | 12.0                    |         |

Remark: The extraordinarily high values were recorded during the baseline monitoring, those measured value were considered as outlier and were excluded in the determination of Action and Limit Level. The above highlighted measured values were excluded in the determination of Action and Limit Levels.

Water Quality Monitoring Location : TKW

| Date       | Water depth (cm) | Temperature (°C) |         | pH    |         | DO (mg/L) |         | DO (%) |         | Turbidity (NTU) |         | Suspended Solids (mg/L) |         |
|------------|------------------|------------------|---------|-------|---------|-----------|---------|--------|---------|-----------------|---------|-------------------------|---------|
|            |                  | Value            | Average | Value | Average | Value     | Average | Value  | Average | Value           | Average | Value                   | Average |
| 6/12/2022  | 19               | 16.2             | 16.2    | 7.2   | 7.2     | 4.1       | 4.0     | 42.2   | 41.2    | 26.2            | 26.5    | 7.1                     | 6.4     |
|            |                  | 16.2             |         | 7.2   |         | 3.9       |         | 40.2   |         | 26.8            |         | 5.7                     |         |
| 8/12/2022  | 18               | 18.8             | 18.8    | 7.5   | 7.5     | 2.5       | 2.5     | 27.1   | 27.1    | 14.6            | 14.8    | 2.6                     | 2.6     |
|            |                  | 18.8             |         | 7.5   |         | 2.5       |         | 27.1   |         | 15.0            |         | 2.5                     |         |
| 10/12/2022 | 19               | 17.2             | 17.2    | 7.6   | 7.6     | 2.4       | 2.4     | 24.7   | 25.2    | 19.8            | 19.1    | 4.3                     | 4.3     |
|            |                  | 17.2             |         | 7.6   |         | 2.5       |         | 25.6   |         | 18.3            |         | 4.2                     |         |
| 13/12/2022 | 19               | 13.4             | 13.4    | 7.1   | 7.2     | 2.2       | 2.2     | 21.2   | 21.1    | 6.2             | 6.3     | 3.9                     | 3.6     |
|            |                  | 13.4             |         | 7.2   |         | 2.2       |         | 21.0   |         | 6.3             |         | 3.2                     |         |
| 15/12/2022 | 21               | 15.4             | 15.4    | 8.1   | 8.1     | 2.8       | 2.8     | 28.3   | 28.3    | 25.1            | 25.1    | 5.3                     | 5.2     |
|            |                  | 15.4             |         | 8.1   |         | 2.8       |         | 28.3   |         | 25.0            |         | 5.1                     |         |
| 17/12/2022 | 20               | 17.5             | 17.5    | 7.6   | 7.6     | 2.3       | 2.3     | 23.7   | 23.7    | 7.4             | 7.5     | 4.1                     | 4.1     |
|            |                  | 17.5             |         | 7.6   |         | 2.3       |         | 23.7   |         | 7.6             |         | 4.1                     |         |
| 20/12/2022 | 18               | 16.5             | 16.5    | 7.6   | 7.6     | 2.5       | 2.5     | 25.5   | 25.5    | 5.0             | 4.9     | 2.8                     | 2.9     |
|            |                  | 16.5             |         | 7.6   |         | 2.5       |         | 25.5   |         | 4.7             |         | 2.9                     |         |
| 22/12/2022 | 19               | 17.9             | 17.8    | 7.6   | 7.6     | 2.4       | 2.4     | 25.5   | 25.5    | 6.6             | 6.7     | 2.9                     | 3.0     |
|            |                  | 17.8             |         | 7.6   |         | 2.4       |         | 25.4   |         | 6.8             |         | 3.0                     |         |
| 24/12/2022 | 17               | 16.5             | 16.4    | 7.3   | 7.2     | 2.5       | 2.5     | 25.4   | 25.9    | 9.1             | 9.0     | 3.1                     | 3.0     |
|            |                  | 16.4             |         | 7.2   |         | 2.6       |         | 26.4   |         | 8.9             |         | 2.8                     |         |
| 26/12/2022 | 18               | 19.9             | 19.9    | 7.3   | 7.3     | 3.8       | 3.9     | 42.1   | 42.7    | 3.3             | 3.3     | 1.9                     | 2.0     |
|            |                  | 19.9             |         | 7.3   |         | 3.9       |         | 43.2   |         | 3.3             |         | 2.0                     |         |
| 28/12/2022 | 18               | 11.2             | 11.2    | 7.2   | 7.2     | 3.5       | 3.5     | 31.7   | 31.8    | 4.6             | 4.6     | 3.1                     | 3.2     |
|            |                  | 11.2             |         | 7.2   |         | 3.5       |         | 31.9   |         | 4.6             |         | 3.3                     |         |
| 30/12/2022 | 18               | 16.8             | 16.8    | 7.2   | 7.2     | 4.2       | 4.2     | 43.7   | 43.7    | 15.7            | 15.9    | 7.1                     | 7.4     |
|            |                  | 16.8             |         | 7.2   |         | 4.2       |         | 43.7   |         | 16.1            |         | 7.6                     |         |

Remark: The extraordinarily high values were recorded during the baseline monitoring, those measured value were considered as outlier and were excluded in the determination of Action and Limit Level. The above highlighted measured values were excluded in the determination of Action and Limit Levels.

Water Quality Monitoring Location : U1

| Water Quality Monitoring Location : C1 |                  |                  |         |       |         |           |         |        |         |                 |         |                         |         |
|----------------------------------------|------------------|------------------|---------|-------|---------|-----------|---------|--------|---------|-----------------|---------|-------------------------|---------|
| Date                                   | Water depth (cm) | Temperature (°C) |         | pH    |         | DO (mg/L) |         | DO (%) |         | Turbidity (NTU) |         | Suspended Solids (mg/L) |         |
|                                        |                  | Value            | Average | Value | Average | Value     | Average | Value  | Average | Value           | Average | Value                   | Average |
| 6/12/2022                              | 3                | 15.9             | 15.9    | 7.9   | 7.9     | 7.2       | 7.2     | 72.9   | 73.3    | 17.0            | 17.5    | 1.2                     | 1.5     |
|                                        |                  | 15.9             |         | 7.9   |         | 7.3       |         | 73.6   |         | 17.9            |         | 1.7                     |         |
|                                        |                  | 17.2             |         | 8.0   |         | 7.2       |         | 75.0   |         | 21.0            |         | 8.9                     |         |
| 8/12/2022                              | 4                | 12.2             | 14.7    | 8.0   | 8.0     | 7.3       | 7.3     | 75.9   | 75.5    | 20.4            | 20.7    | 7.4                     | 8.2     |
|                                        |                  | 13.1             |         | 7.5   |         | 7.6       |         | 71.9   |         | 14.5            |         | 3.4                     |         |
|                                        |                  | 13.1             |         | 7.5   |         | 7.5       |         | 71.4   |         | 15.2            |         | 4.1                     |         |
| 10/12/2022                             | 3                | 13.1             | 13.1    | 7.5   | 7.5     | 7.6       | 7.5     | 71.9   | 71.7    | 14.5            | 14.9    | 3.4                     | 3.8     |
|                                        |                  | 13.1             |         | 7.5   |         | 7.5       |         | 71.4   |         | 15.2            |         | 4.1                     |         |
|                                        |                  | 12.9             |         | 7.2   |         | 7.2       |         | 4.4    |         | 41.4            |         | 10.0                    |         |
| 13/12/2022                             | 3                | 13.0             | 13.0    | 7.2   | 7.2     | 4.4       | 4.3     | 41.4   | 41.0    | 10.0            | 10.1    | 98.0                    | 87.5    |
|                                        |                  | 13.0             |         | 7.2   |         | 4.3       |         | 40.5   |         | 10.2            |         | 77.0                    |         |
|                                        |                  | 14.7             |         | 8.0   |         | 4.4       |         | 43.3   |         | 9.0             |         | 7.1                     |         |
| 15/12/2022                             | 3                | 14.7             | 14.7    | 8.0   | 8.0     | 4.8       | 4.6     | 46.9   | 45.1    | 8.8             | 8.9     | 7.1                     | 7.1     |
|                                        |                  | 12.3             |         | 8.1   |         | 3.0       |         | 28.2   |         | 12.6            |         | 5.2                     |         |
|                                        |                  | 12.3             |         | 8.7   |         | 3.1       |         | 29.2   |         | 13.1            |         | 3.7                     |         |
| 17/12/2022                             | 5                | 12.3             | 12.3    | 8.1   | 8.4     | 3.0       | 3.1     | 28.2   | 28.7    | 12.6            | 12.9    | 5.2                     | 4.5     |
|                                        |                  | 12.3             |         | 8.7   |         | 3.1       |         | 29.2   |         | 13.1            |         | 3.7                     |         |
|                                        |                  | 15.9             |         | 7.3   |         | 7.2       |         | 72.2   |         | 7.9             |         | 4.8                     |         |
| 20/12/2022                             | 3                | 15.9             | 15.9    | 7.3   | 7.3     | 7.1       | 7.1     | 71.5   | 71.9    | 7.8             | 7.8     | 4.7                     | 4.8     |
|                                        |                  | 17.2             |         | 8.0   |         | 7.5       |         | 78.3   |         | 5.1             |         | 5.1                     |         |
|                                        |                  | 17.2             |         | 8.0   |         | 7.5       |         | 78.3   |         | 5.1             |         | 4.9                     |         |
| 22/12/2022                             | 4                | 17.2             | 17.2    | 8.0   | 8.0     | 7.5       | 7.5     | 78.3   | 78.3    | 5.1             | 5.1     | 5.1                     | 5.0     |
|                                        |                  | 17.2             |         | 8.0   |         | 7.5       |         | 78.3   |         | 5.1             |         | 4.9                     |         |
|                                        |                  | 16.8             |         | 7.7   |         | 6.7       |         | 69.4   |         | 4.4             |         | 4.7                     |         |
| 24/12/2022                             | 4                | 16.8             | 16.8    | 7.6   | 7.6     | 6.8       | 6.8     | 70.5   | 70.0    | 4.4             | 4.4     | 5.2                     | 5.0     |
|                                        |                  | 17.9             |         | 7.4   |         | 5.6       |         | 58.9   |         | 4.5             |         | 3.3                     |         |
|                                        |                  | 18.0             |         | 7.4   |         | 5.7       |         | 60.3   |         | 4.4             |         | 3.4                     |         |
| 26/12/2022                             | 3                | 17.9             | 17.9    | 7.4   | 7.4     | 5.6       | 11.0    | 58.9   | 59.6    | 4.5             | 4.4     | 3.3                     | 3.4     |
|                                        |                  | 18.0             |         | 7.4   |         | 5.7       |         | 60.3   |         | 4.4             |         | 3.4                     |         |
|                                        |                  | 12.7             |         | 6.8   |         | 3.5       |         | 32.8   |         | 5.0             |         | 3.4                     |         |
| 28/12/2022                             | 3                | 12.7             | 12.7    | 6.8   | 6.8     | 3.4       | 3.4     | 32.1   | 32.5    | 5.0             | 5.0     | 3.7                     | 3.6     |
|                                        |                  | 12.7             |         | 6.8   |         | 3.4       |         | 32.1   |         | 5.0             |         | 3.7                     |         |
|                                        |                  | 16.3             |         | 7.8   |         | 5.2       |         | 53.4   |         | 16.1            |         | 2.2                     |         |
| 30/12/2022                             | 3                | 16.3             | 16.3    | 7.8   | 7.8     | 5.1       | 5.2     | 52.2   | 52.8    | 4.2             | 10.1    | 2.3                     | 2.3     |
|                                        |                  | 16.3             |         | 7.8   |         | 5.1       |         | 52.2   |         | 4.2             |         | 2.3                     |         |

Water Quality Monitoring Location : SW

| Date       | Water depth (cm) | Temperature (°C) |         | pH    |         | DO (mg/L) |         | DO (%) |         | Turbidity (NTU) |         | Suspended Solids (mg/L) |         |
|------------|------------------|------------------|---------|-------|---------|-----------|---------|--------|---------|-----------------|---------|-------------------------|---------|
|            |                  | Value            | Average | Value | Average | Value     | Average | Value  | Average | Value           | Average | Value                   | Average |
| 6/12/2022  | 8                | 16.5             | 9.9     | 7.2   | 7.2     | 3.7       | 3.7     | 37.6   | 37.6    | 13.9            | 13.1    | 16.0                    | 13.5    |
|            |                  | 3.2              |         | 7.3   |         | 3.7       |         | 37.5   |         | 12.3            |         | 11.0                    |         |
| 8/12/2022  | 10               | 18.8             | 18.8    | 7.5   | 7.5     | 4.3       | 4.3     | 46.4   | 46.6    | 22.1            | 22.3    | 8.2                     | 7.4     |
|            |                  | 18.8             |         | 7.5   |         | 4.3       |         | 46.7   |         | 22.4            |         | 6.5                     |         |
| 10/12/2022 | 9                | 17.2             | 17.2    | 7.8   | 7.8     | 2.2       | 2.3     | 23.3   | 23.9    | 20.5            | 20.9    | 4.0                     | 4.4     |
|            |                  | 17.2             |         | 7.8   |         | 2.4       |         | 24.4   |         | 21.3            |         | 4.7                     |         |
| 13/12/2022 | 9                | 13.3             | 13.3    | 7.2   | 7.2     | 2.0       | 2.0     | 19.2   | 18.9    | 7.5             | 7.5     | 3.6                     | 3.8     |
|            |                  | 13.3             |         | 7.2   |         | 1.9       |         | 18.6   |         | 7.5             |         | 3.9                     |         |
| 15/12/2022 | 12               | 15.8             | 15.8    | 8.2   | 8.2     | 3.6       | 3.6     | 36.4   | 36.4    | 15.6            | 15.8    | 8.6                     | 8.7     |
|            |                  | 15.8             |         | 8.2   |         | 3.6       |         | 36.4   |         | 15.9            |         | 8.8                     |         |
| 17/12/2022 | 15               | 15.1             | 15.1    | 7.8   | 7.8     | 3.6       | 3.6     | 35.8   | 35.8    | 20.8            | 20.8    | 1.4                     | 1.4     |
|            |                  | 15.1             |         | 7.8   |         | 3.6       |         | 35.8   |         | 20.8            |         | 1.3                     |         |
| 20/12/2022 | 10               | 16.2             | 16.2    | 7.6   | 7.6     | 3.2       | 3.3     | 32.7   | 33.4    | 2.8             | 2.9     | 2.9                     | 2.7     |
|            |                  | 16.2             |         | 7.6   |         | 3.4       |         | 34.1   |         | 3.0             |         | 2.5                     |         |
| 22/12/2022 | 9                | 17.3             | 17.3    | 7.6   | 7.6     | 3.6       | 3.6     | 37.9   | 37.9    | 4.0             | 4.1     | 2.8                     | 2.8     |
|            |                  | 17.3             |         | 7.6   |         | 3.6       |         | 37.9   |         | 4.1             |         | 2.7                     |         |
| 24/12/2022 | 9                | 16.7             | 16.7    | 7.2   | 7.2     | 3.6       | 3.6     | 37.0   | 37.1    | 4.3             | 4.3     | 3.0                     | 2.9     |
|            |                  | 16.7             |         | 7.2   |         | 3.6       |         | 37.1   |         | 4.2             |         | 2.8                     |         |
| 26/12/2022 | 10               | 20.1             | 20.0    | 7.1   | 7.1     | 4.3       | 4.4     | 47.8   | 48.3    | 3.0             | 3.0     | 5.3                     | 5.1     |
|            |                  | 20.0             |         | 7.1   |         | 4.4       |         | 48.8   |         | 3.0             |         | 4.9                     |         |
| 28/12/2022 | 11               | 9.5              | 9.5     | 7.4   | 7.3     | 4.9       | 4.9     | 43.1   | 42.7    | 5.8             | 5.9     | 5.9                     | 5.9     |
|            |                  | 9.4              |         | 7.3   |         | 4.8       |         | 42.2   |         | 6.0             |         | 5.8                     |         |
| 30/12/2022 | 9                | 16.6             | 16.6    | 7.1   | 7.1     | 4.3       | 4.3     | 44.5   | 44.5    | 4.3             | 4.3     | <1.0                    | 1.0     |
|            |                  | 16.6             |         | 7.1   |         | 4.3       |         | 44.5   |         | 4.3             |         | <1.0                    |         |

Remark: The extraordinarily high values were recorded during the baseline monitoring, those measured value were considered as outlier and were excluded in the determination of Action and Limit Level. The above highlighted measured values were excluded in the determination of Action and Limit Levels.

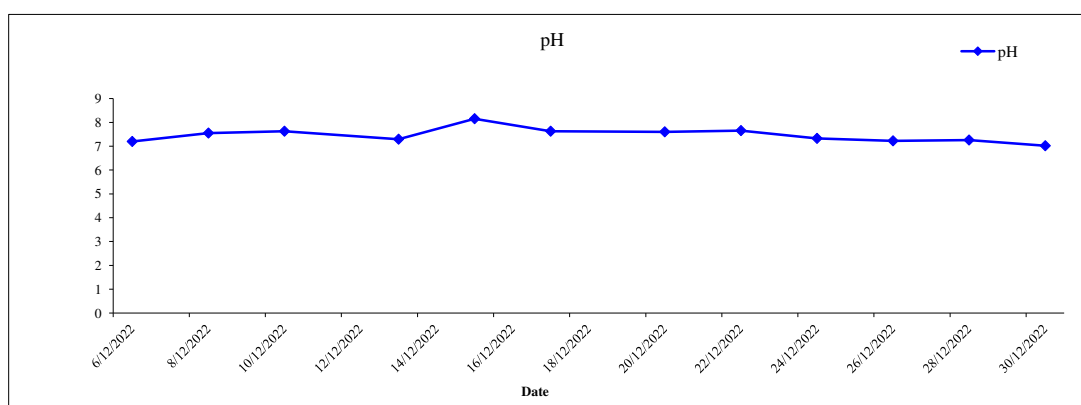
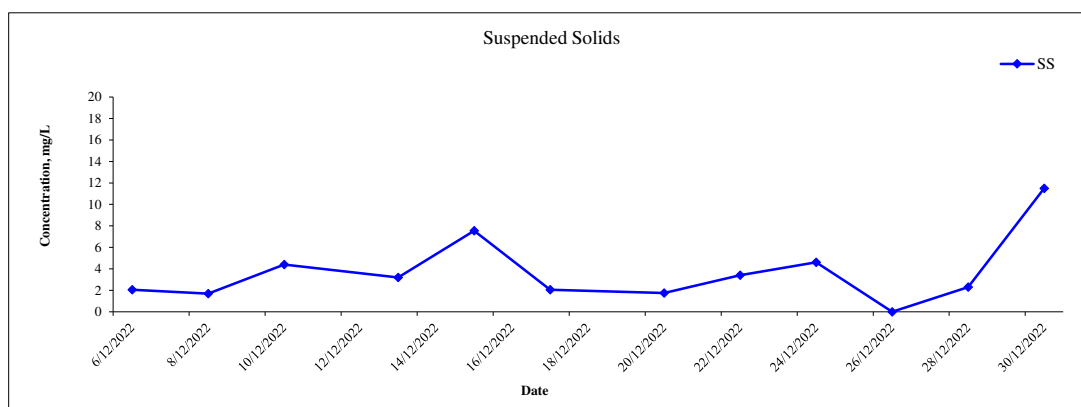
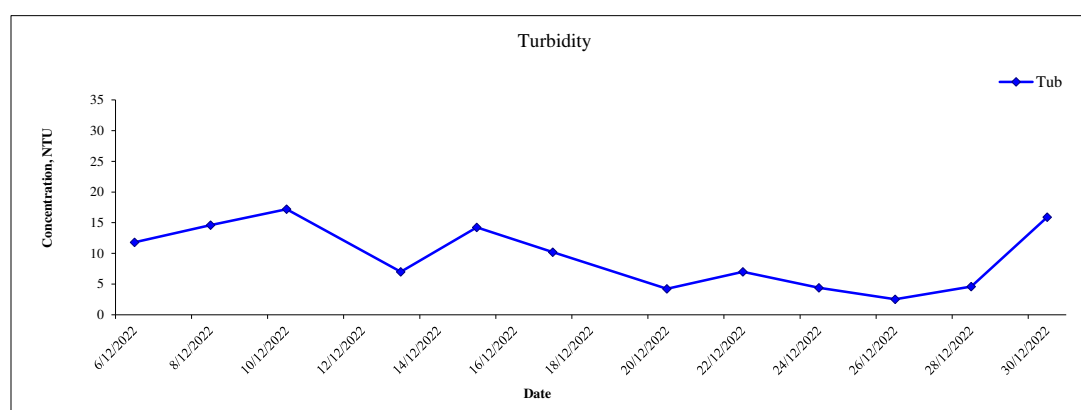
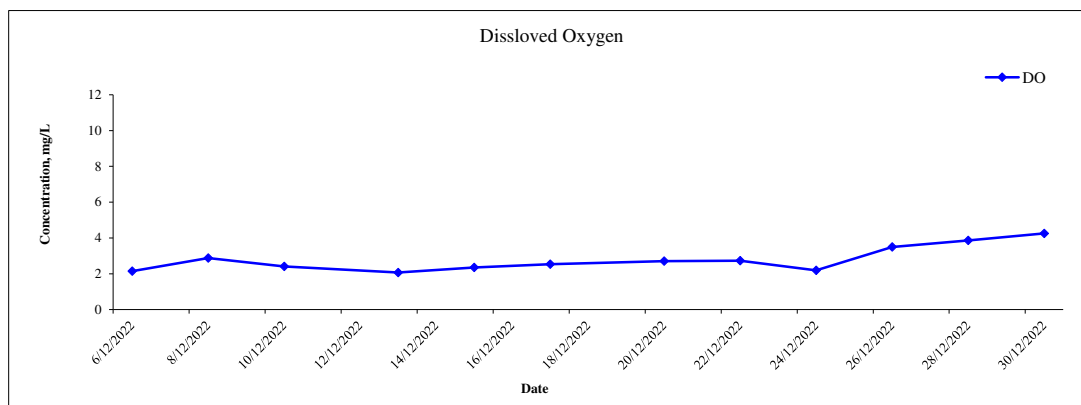
Water Quality Monitoring Location : U2

| Date       | Water depth (cm) | Temperature (°C) |         | pH    |         | DO (mg/L) |         | DO (%) |         | Turbidity (NTU) |         | Suspended Solids (mg/L) |         |
|------------|------------------|------------------|---------|-------|---------|-----------|---------|--------|---------|-----------------|---------|-------------------------|---------|
|            |                  | Value            | Average | Value | Average | Value     | Average | Value  | Average | Value           | Average | Value                   | Average |
| 6/12/2022  | 28               | 15.6             | 15.6    | 7.2   | 7.3     | 7.7       | 7.8     | 77.7   | 78.1    | 13.8            | 13.8    | 1.5                     | 1.5     |
|            |                  | 15.5             |         | 7.3   |         | 7.8       |         | 78.4   |         | 13.7            |         | 1.4                     |         |
| 8/12/2022  | 33               | 16.8             | 16.8    | 7.6   | 7.5     | 5.8       | 5.8     | 59.8   | 59.5    | 18.7            | 18.4    | 3.2                     | 3.0     |
|            |                  | 16.8             |         | 7.5   |         | 5.8       |         | 59.2   |         | 18.0            |         | 2.8                     |         |
| 10/12/2022 | 26               | 14.7             | 14.7    | 7.7   | 7.7     | 7.6       | 7.6     | 75.0   | 75.2    | 14.0            | 13.6    | 1.3                     | 2.1     |
|            |                  | 14.7             |         | 7.7   |         | 7.7       |         | 75.4   |         | 13.1            |         | 2.9                     |         |
| 13/12/2022 | 28               | 13.6             | 13.5    | 6.9   | 6.9     | 2.5       | 2.5     | 24.3   | 23.9    | 5.7             | 5.7     | 3.4                     | 3.5     |
|            |                  | 13.4             |         | 7.0   |         | 2.4       |         | 23.5   |         | 5.7             |         | 3.6                     |         |
| 15/12/2022 | 23               | 14.8             | 14.8    | 7.7   | 7.7     | 8.1       | 8.1     | 80.1   | 80.1    | 4.8             | 4.7     | 1.0                     | 1.3     |
|            |                  | 14.8             |         | 7.7   |         | 8.1       |         | 80.1   |         | 4.6             |         | 1.6                     |         |
| 17/12/2022 | 32               | 14.3             | 14.3    | 7.5   | 7.5     | 5.7       | 5.7     | 55.9   | 56.1    | 3.9             | 3.9     | 1.0                     | 1.1     |
|            |                  | 14.3             |         | 7.5   |         | 5.8       |         | 56.2   |         | 3.9             |         | 1.2                     |         |
| 20/12/2022 | 29               | 16.0             | 16.0    | 7.3   | 7.3     | 7.2       | 7.2     | 73.2   | 73.2    | 4.7             | 4.6     | 1.7                     | 1.9     |
|            |                  | 16.0             |         | 7.3   |         | 7.2       |         | 73.1   |         | 4.6             |         | 2.0                     |         |
| 22/12/2022 | 30               | 16.3             | 16.3    | 7.3   | 7.3     | 7.3       | 7.3     | 74.6   | 74.6    | 3.8             | 3.8     | 1.9                     | 1.9     |
|            |                  | 16.3             |         | 7.3   |         | 7.3       |         | 74.6   |         | 3.7             |         | 1.9                     |         |
| 24/12/2022 | 32               | 16.5             | 16.7    | 7.3   | 7.3     | 7.1       | 7.0     | 72.8   | 71.9    | 4.9             | 5.0     | 2.1                     | 2.1     |
|            |                  | 16.9             |         | 7.3   |         | 7.0       |         | 71.0   |         | 5.1             |         | 2.0                     |         |
| 26/12/2022 | 30               | 17.8             | 17.8    | 6.9   | 6.9     | 6.1       | 6.1     | 64.6   | 64.6    | 6.8             | 6.7     | 4.2                     | 4.2     |
|            |                  | 17.9             |         | 6.9   |         | 6.1       |         | 64.6   |         | 6.7             |         | 4.2                     |         |
| 28/12/2022 | 31               | 11.5             | 11.5    | 7.0   | 7.0     | 6.7       | 6.8     | 61.7   | 62.1    | 4.8             | 4.8     | 1.6                     | 1.7     |
|            |                  | 11.5             |         | 7.0   |         | 6.8       |         | 62.5   |         | 4.7             |         | 1.7                     |         |
| 30/12/2022 | 28               | 16.5             | 16.5    | 7.2   | 7.2     | 6.7       | 6.7     | 68.2   | 68.7    | 4.0             | 3.9     | 1.9                     | 1.8     |
|            |                  | 16.5             |         | 7.2   |         | 6.8       |         | 69.2   |         | 3.8             |         | 1.7                     |         |

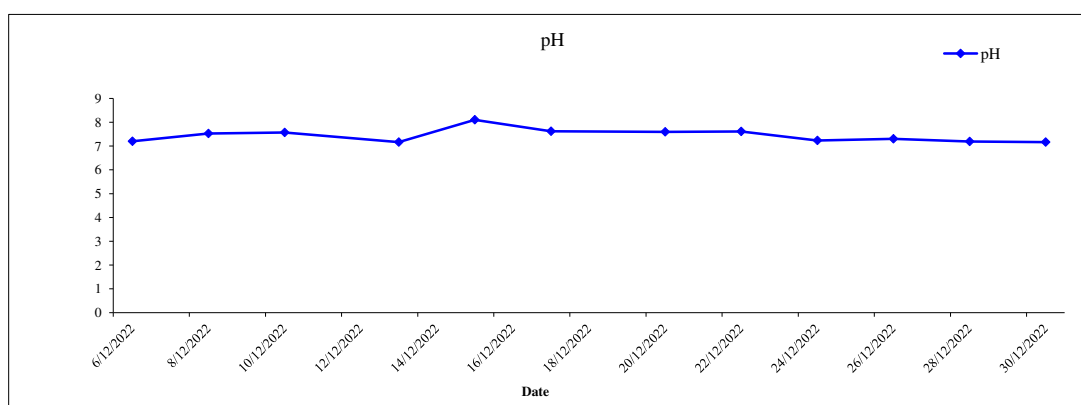
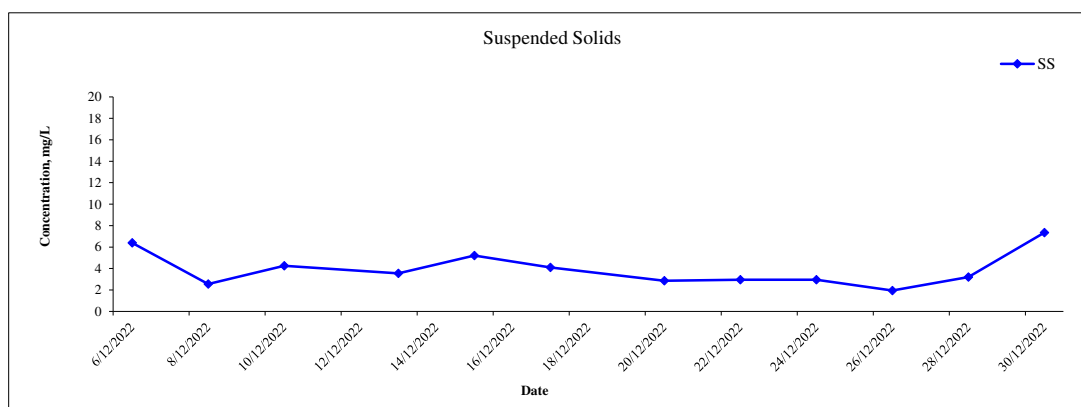
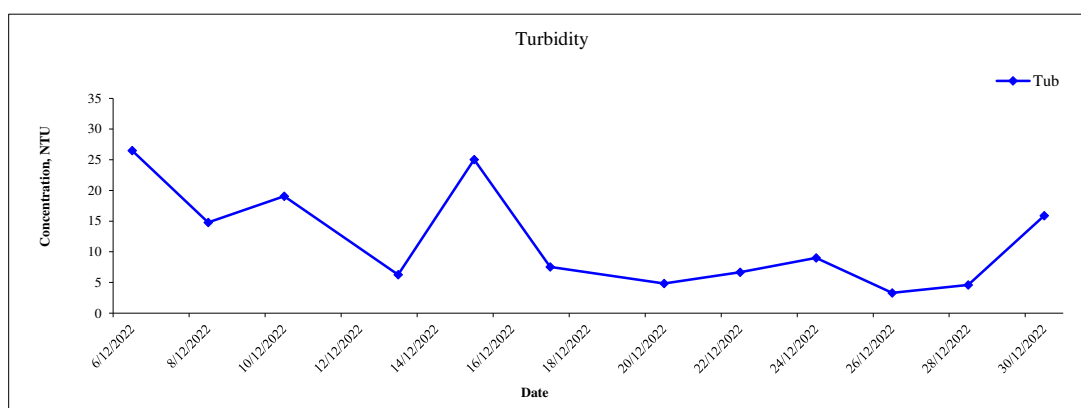
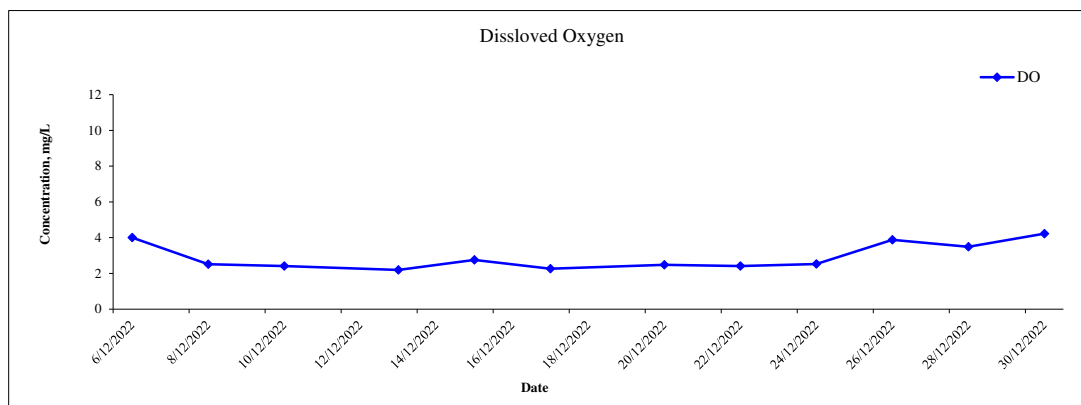
Water Quality Monitoring Location : HT

| Water Quality Monitoring Location: T1 |                  |                  |         |       |         |           |         |        |         |                 |         |                         |         |
|---------------------------------------|------------------|------------------|---------|-------|---------|-----------|---------|--------|---------|-----------------|---------|-------------------------|---------|
| Date                                  | Water depth (cm) | Temperature (°C) |         | pH    |         | DO (mg/L) |         | DO (%) |         | Turbidity (NTU) |         | Suspended Solids (mg/L) |         |
|                                       |                  | Value            | Average | Value | Average | Value     | Average | Value  | Average | Value           | Average | Value                   | Average |
| 6/12/2022                             | 5                | 16.4             | 16.4    | 7.3   | 7.3     | 2.2       | 2.2     | 22.1   | 22.8    | 13.0            | 12.5    | 3.5                     | 3.4     |
|                                       |                  | 16.4             |         | 7.3   |         | 2.3       |         | 23.5   |         | 12.0            |         | 3.3                     |         |
|                                       |                  | 17.9             |         | 7.6   |         | 2.5       |         | 26.7   |         | 11.0            |         | 1.6                     |         |
| 8/12/2022                             | 8                | 17.8             | 17.8    | 7.6   | 7.6     | 2.4       | 2.5     | 25.5   | 26.1    | 11.4            | 11.2    | 1.6                     | 1.6     |
|                                       |                  | 17.2             |         | 7.8   |         | 2.2       |         | 23.3   |         | 20.5            |         | 1.5                     |         |
|                                       |                  | 17.2             |         | 7.7   |         | 2.3       |         | 24.3   |         | 18.5            |         | 1.0                     |         |
| 10/12/2022                            | 6                | 17.2             | 17.2    | 7.7   | 7.8     | 2.3       | 2.3     | 24.3   | 23.8    | 19.5            | 19.5    | 1.0                     | 1.3     |
|                                       |                  | 13.1             |         | 7.4   |         | 2.2       |         | 20.7   |         | 7.3             |         | 8.3                     |         |
|                                       |                  | 13.1             |         | 7.4   |         | 2.1       |         | 19.9   |         | 7.4             |         | 7.3                     |         |
| 15/12/2022                            | 8                | 16.0             | 16.0    | 8.0   | 8.0     | 2.4       | 2.4     | 23.9   | 23.9    | 31.6            | 31.4    | 8.3                     | 8.0     |
|                                       |                  | 16.0             |         | 8.0   |         | 2.4       |         | 23.9   |         | 31.2            |         | 7.6                     |         |
|                                       |                  | 14.8             |         | 7.7   |         | 2.3       |         | 22.6   |         | 7.9             |         | 3.4                     |         |
| 17/12/2022                            | 5                | 14.8             | 14.8    | 7.7   | 7.7     | 2.3       | 2.3     | 22.6   | 22.7    | 7.9             | 7.8     | 3.4                     | 3.4     |
|                                       |                  | 14.8             |         | 7.7   |         | 2.3       |         | 22.7   |         | 7.7             |         | 3.3                     |         |
|                                       |                  | 16.4             |         | 7.7   |         | 2.3       |         | 23.7   |         | 2.5             |         | 2.1                     |         |
| 20/12/2022                            | 4                | 16.4             | 16.4    | 7.6   | 7.7     | 2.3       | 2.3     | 23.6   | 23.7    | 2.5             | 2.5     | 2.5                     | 2.3     |
|                                       |                  | 16.4             |         | 7.6   |         | 2.3       |         | 23.6   |         | 2.5             |         | 2.5                     |         |
|                                       |                  | 17.5             |         | 7.6   |         | 2.4       |         | 24.9   |         | 3.1             |         | 2.2                     |         |
| 22/12/2022                            | 6                | 17.4             | 17.4    | 7.6   | 7.6     | 2.4       | 2.4     | 24.9   | 24.9    | 3.0             | 3.0     | 2.3                     | 2.3     |
|                                       |                  | 17.4             |         | 7.6   |         | 2.4       |         | 24.9   |         | 3.0             |         | 2.3                     |         |
|                                       |                  | 17.0             |         | 7.5   |         | 2.4       |         | 24.4   |         | 10.1            |         | 2.2                     |         |
| 24/12/2022                            | 6                | 17.1             | 17.0    | 7.5   | 7.5     | 2.4       | 2.4     | 24.5   | 24.5    | 10.2            | 10.2    | 2.8                     | 2.5     |
|                                       |                  | 17.1             |         | 7.5   |         | 2.4       |         | 24.5   |         | 10.2            |         | 2.8                     |         |
|                                       |                  | 18.8             |         | 7.4   |         | 5.8       |         | 61.7   |         | 1.2             |         | 1.7                     |         |
| 26/12/2022                            | 7                | 18.8             | 18.8    | 7.4   | 7.4     | 5.8       | 5.8     | 61.9   | 61.8    | 1.3             | 1.3     | 1.9                     | 1.8     |
|                                       |                  | 18.8             |         | 7.4   |         | 5.8       |         | 61.9   |         | 1.3             |         | 1.9                     |         |
|                                       |                  | 11.9             |         | 7.2   |         | 3.9       |         | 35.9   |         | 4.3             |         | 4.1                     |         |
| 28/12/2022                            | 5                | 11.8             | 11.9    | 7.2   | 7.2     | 3.9       | 3.9     | 35.8   | 35.9    | 4.3             | 4.3     | 3.9                     | 4.0     |
|                                       |                  | 11.8             |         | 7.2   |         | 3.9       |         | 35.8   |         | 4.3             |         | 3.9                     |         |
|                                       |                  | 16.9             |         | 7.2   |         | 3.2       |         | 33.2   |         | 5.0             |         | 4.8                     |         |
| 30/12/2022                            | 5                | 16.9             | 16.9    | 7.2   | 7.2     | 3.2       | 3.2     | 33.2   | 33.2    | 5.1             | 5.0     | 5.0                     | 4.9     |
|                                       |                  | 16.9             |         | 7.2   |         | 3.2       |         | 33.2   |         | 5.1             |         | 5.0                     |         |

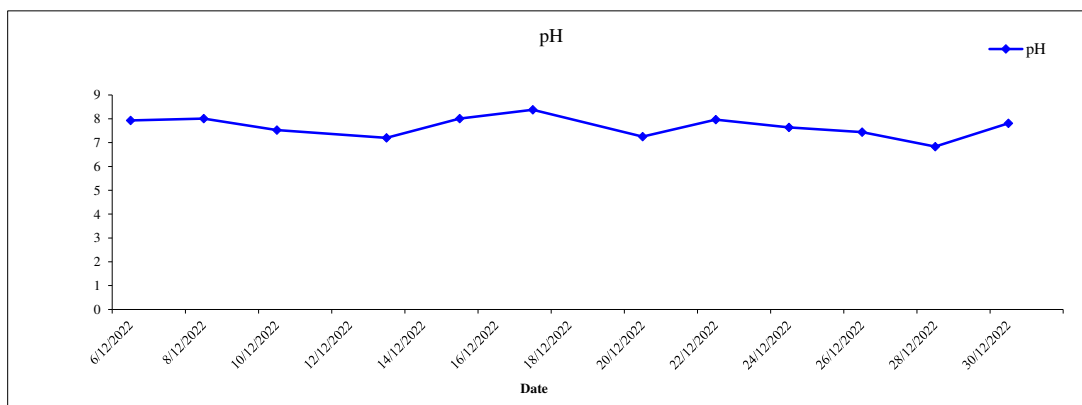
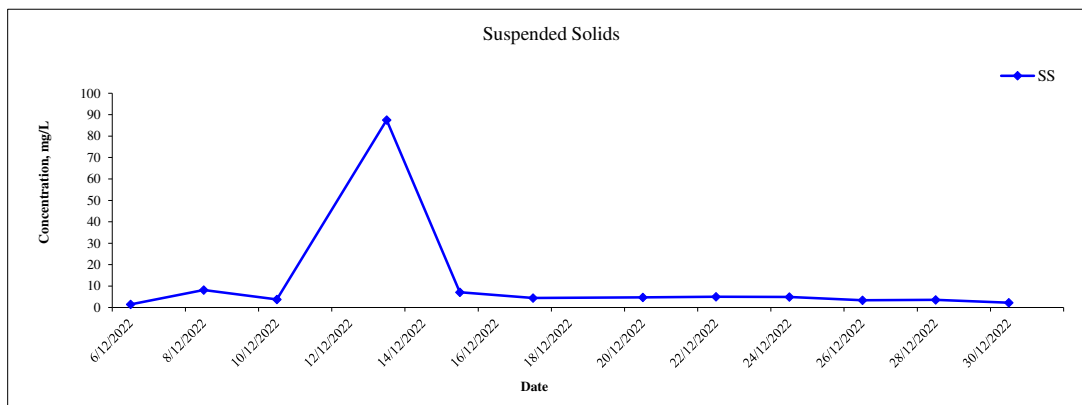
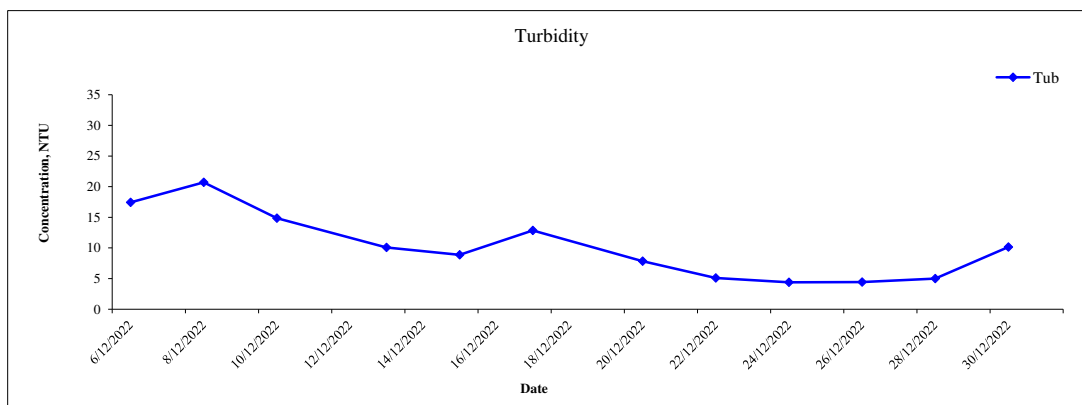
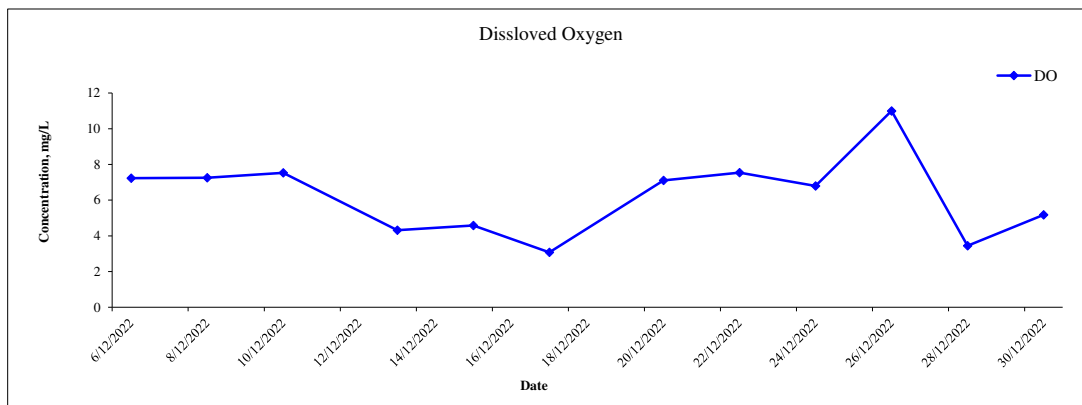
Monitoring Location: TKW1



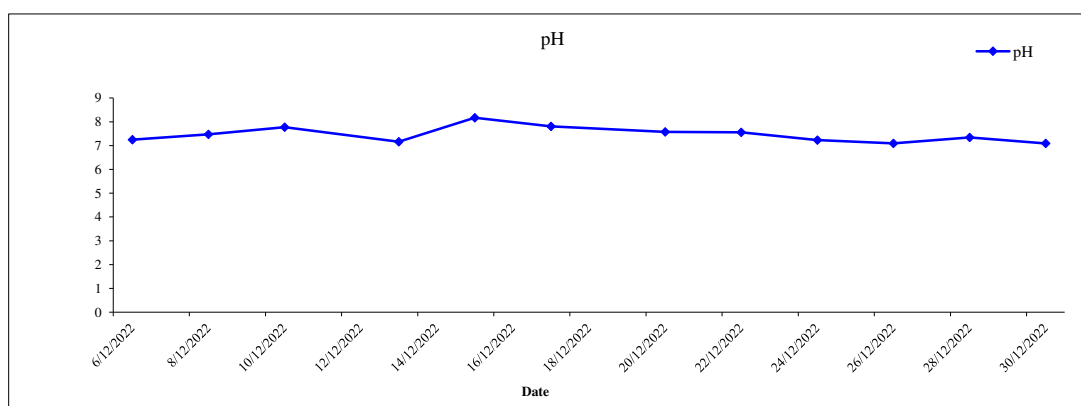
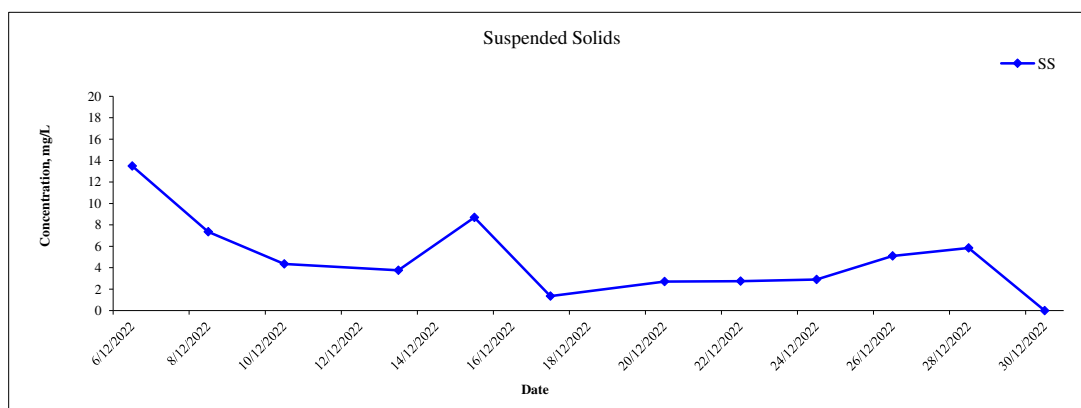
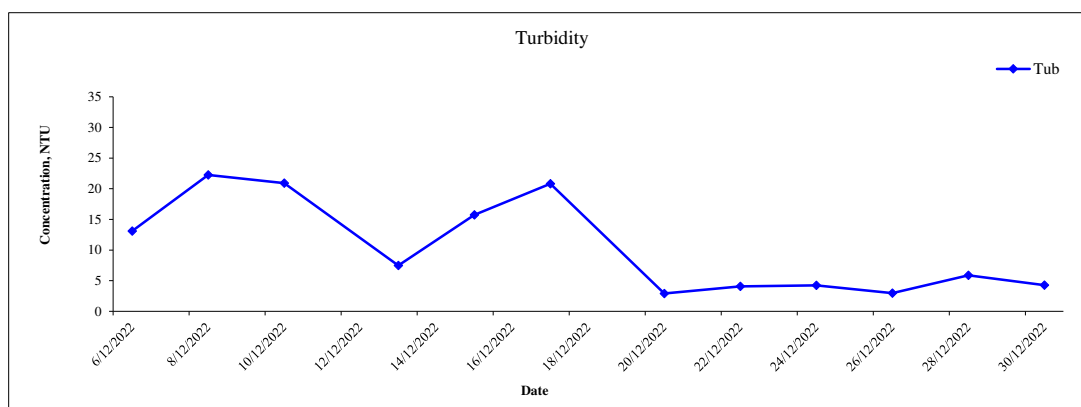
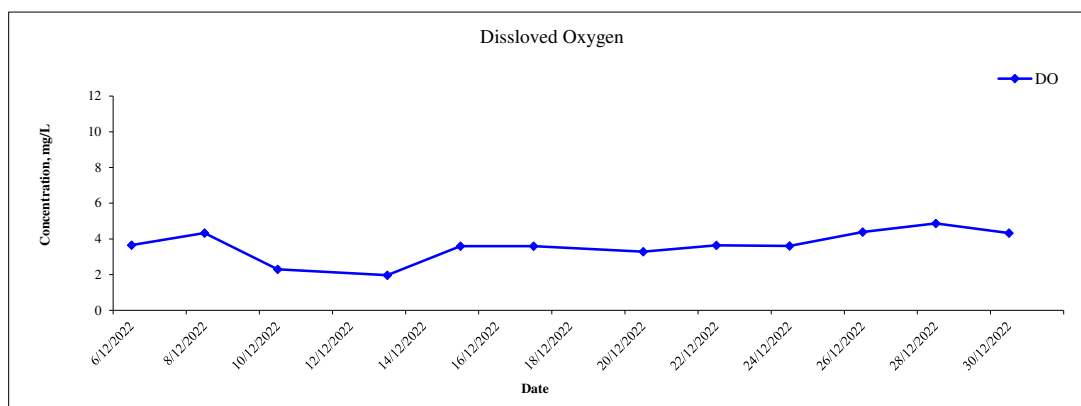
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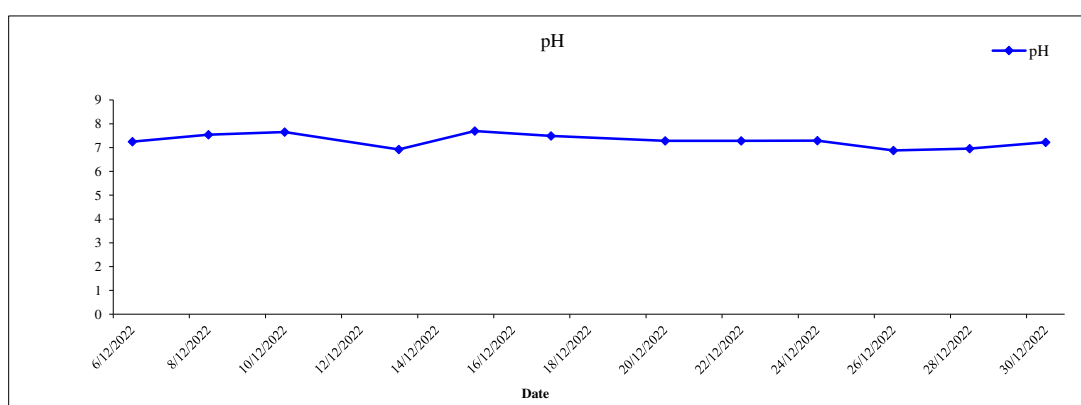
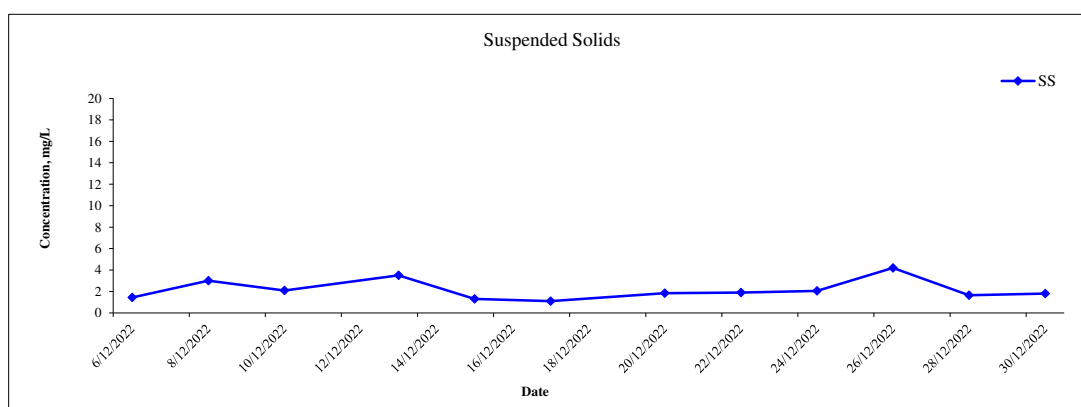
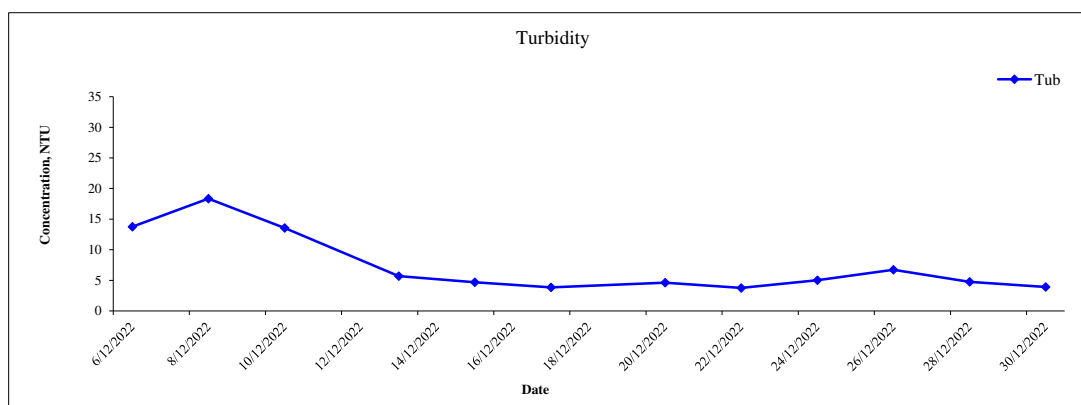
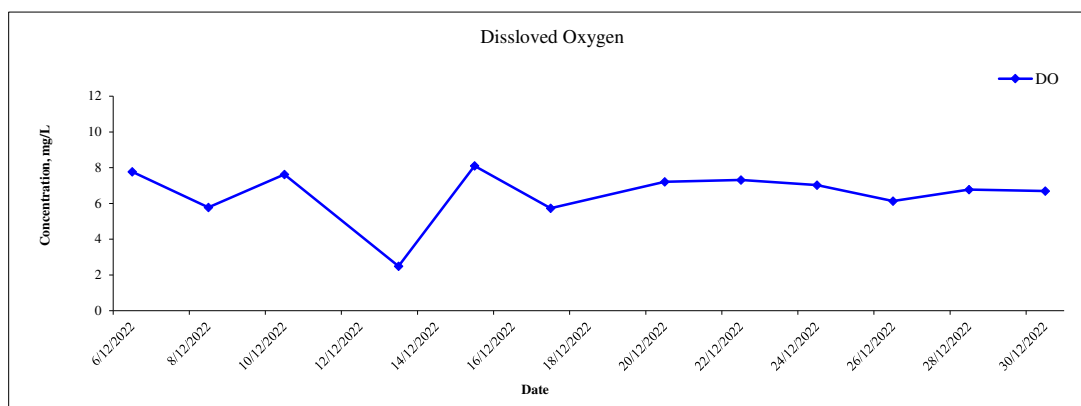
Monitoring Location: U1



Monitoring Location: SW



Monitoring Location: U2



Monitoring Location: HT

