

**Monthly Report of Environmental Status for the month of June, 2025**

1. Water consumed(by all sources) in KL : 10520
2. Treated water discharged in KL : NIL
3. Electricity consumed in ETP/APCM(KWH) : 160707
4. Fuel consumed(LDO/HSD(KL)/NG(NM<sup>3</sup>) : 33.300/ 8.555 /66256.720
5. Hazardous waste/others dispatched as per GPCB Guidelines (MT) : 4.470

6. **Characteristics of Gaseous Emissions & Ambient Air Quality**

**Characteristics of Gaseous Emissions**

| Sl. No. | Details of stack/sample | Date of analysis | Particulate Matter(SPM) MG/NM <sup>3</sup> | Parameters          |         |             |         |                     |
|---------|-------------------------|------------------|--------------------------------------------|---------------------|---------|-------------|---------|---------------------|
|         |                         |                  |                                            | SO <sub>2</sub> PPM | Nox PPM | Cyanide PPM | HCl PPM | Cl <sub>2</sub> PPM |
| 1       | Boiler Stack            | 26.06.2025       | 18.16                                      | 3.54                | 15.43   | -           | -       | -                   |
| 2       | Incinerator Flue Gas    | 11.06.2025       | 14.01                                      | 4.28                | 16.83   | -           | -       | -                   |

**Characteristics of Ambient Air Quality**

| Sl. No. | Date of analysis | Particulate Matter(SPM) µg/m <sup>3</sup> | Parameters                        |                       |                           |                           |                                   |
|---------|------------------|-------------------------------------------|-----------------------------------|-----------------------|---------------------------|---------------------------|-----------------------------------|
|         |                  |                                           | SO <sub>2</sub> µg/m <sup>3</sup> | Nox µg/m <sup>3</sup> | Cyanide µg/m <sup>3</sup> | Ammonia µg/m <sup>3</sup> | Cl <sub>2</sub> µg/m <sup>3</sup> |
| 1       | 04.06.2025       | 36.84                                     | 8.39                              | 17.16                 | -                         | -                         | -                                 |

**CHARACTERISTICS OF TREATED EFFLUENT**  
**FOR THE MONTH OF JUNE, 2025**

| DATE      | V-Notch |               | Guard Pond - 2       |            | Masma Khadi |               |
|-----------|---------|---------------|----------------------|------------|-------------|---------------|
|           | pH      | CN-<br>mg/ltr | pH                   | CN- mg/ltr | pH          | CN-<br>mg/ltr |
| 01-Jun-25 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 02-Jun-25 | 7.3     | 0.06          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 03-Jun-25 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 04-Jun-25 | 7.7     | 0.08          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 05-Jun-25 | 7.4     | 0.09          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 06-Jun-25 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 07-Jun-25 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 08-Jun-25 | 7.6     | 0.1           | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 09-Jun-25 | 7.6     | 0.09          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 10-Jun-25 | 7.3     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 11-Jun-25 | 7.6     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 12-Jun-25 | 7.7     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 13-Jun-25 | 7.3     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 14-Jun-25 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 15-Jun-25 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 16-Jun-25 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 17-Jun-25 | 7.6     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 18-Jun-25 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 19-Jun-25 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 20-Jun-25 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 21-Jun-25 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 22-Jun-25 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 23-Jun-25 | 7.4     | 0.09          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 24-Jun-25 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 25-Jun-25 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 26-Jun-25 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 27-Jun-25 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 28-Jun-25 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 29-Jun-25 | 7.6     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 30-Jun-25 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |

**Monthly Report of Environmental Status for the month of May, 2025**

1. Water consumed(by all sources) in KL : 7700
2. Treated water discharged in KL : NIL
3. Electricity consumed in ETP/APCM(KWH) : 127833
4. Fuel consumed(LDO/HSD(KL)/NG(NM<sup>3</sup>) : 15.300/ 2.900 /127953.880
5. Hazardous waste/others dispatched as per GPCB Guidelines (MT) : 20.040

**6. Characteristics of Gaseous Emissions & Ambient Air Quality**

**Characteristics of Gaseous Emissions**

| Sl. No. | Details of stack/sample | Date of analysis | Particulate Matter(SPM) MG/NM <sup>3</sup> | Parameters          |         |             |         |                     |
|---------|-------------------------|------------------|--------------------------------------------|---------------------|---------|-------------|---------|---------------------|
|         |                         |                  |                                            | SO <sub>2</sub> PPM | Nox PPM | Cyanide PPM | HCl PPM | Cl <sub>2</sub> PPM |
| 1       | Boiler Stack            | 07.05.2025       | 17.97                                      | 3.60                | 15.01   | -           | -       | -                   |
| 2       | Incinerator Flue Gas    | 14.05.2025       | 13.82                                      | 4.32                | 17.37   | -           | -       | -                   |

**Characteristics of Ambient Air Quality**

| Sl. No. | Date of analysis | Particulate Matter(SPM) µg/m <sup>3</sup> | Parameters                        |                       |                           |                           |                                   |
|---------|------------------|-------------------------------------------|-----------------------------------|-----------------------|---------------------------|---------------------------|-----------------------------------|
|         |                  |                                           | SO <sub>2</sub> µg/m <sup>3</sup> | Nox µg/m <sup>3</sup> | Cyanide µg/m <sup>3</sup> | Ammonia µg/m <sup>3</sup> | Cl <sub>2</sub> µg/m <sup>3</sup> |
| 1       | 16.05.2025       | 40.20                                     | 6.32                              | 16.89                 | -                         | -                         | -                                 |

**CHARACTERISTICS OF TREATED EFFLUENT**  
**FOR THE MONTH OF MAY, 2025**

| DATE      | V-Notch |               | Guard Pond - 2       |            | Masma Khadi |               |
|-----------|---------|---------------|----------------------|------------|-------------|---------------|
|           | pH      | CN-<br>mg/ltr | pH                   | CN- mg/ltr | pH          | CN-<br>mg/ltr |
| 01-May-25 | 7.2     | 0.06          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 02-May-25 | 7.1     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 03-May-25 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 04-May-25 | 7.1     | 0.06          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 05-May-25 | 7.1     | 0.09          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 06-May-25 | 7.1     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 07-May-25 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 08-May-25 | 7.2     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 09-May-25 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 10-May-25 | 7.3     | 0.06          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 11-May-25 | 7.2     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 12-May-25 | 7.3     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 13-May-25 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 14-May-25 | 7.1     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 15-May-25 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 16-May-25 | 7.3     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 17-May-25 | 7.2     | 0.09          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 18-May-25 | 7.2     | 0.08          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 19-May-25 | 7.2     | 0.07          | <-- NO DISCHARGE --> | 7.1        | NIL         |               |
| 20-May-25 | 7.2     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 21-May-25 | 7.2     | 0.06          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 22-May-25 | 7.3     | 0.09          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 23-May-25 | 7.4     | 0.09          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 24-May-25 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 25-May-25 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 26-May-25 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 27-May-25 | 7.3     | 0.08          | <-- NO DISCHARGE --> | 7.1        | NIL         |               |
| 28-May-25 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 29-May-25 | 7.5     | 0.18          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 30-May-25 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 31-May-25 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |

### Monthly Report of Environmental Status for the month of April 2025

1. Water consumed(by all sources) in KL : 7700
2. Treated water discharged in KL : NIL
3. Electricity consumed in ETP/APCM(KWH) : 127833
4. Fuel consumed(LDO/HSD(KL)/NG(NM<sup>3</sup>) : 15.300/ 2.900 /127953.880
5. Hazardous waste/others dispatched as per GPCB Guidelines (MT) : 20.040

#### 6. Characteristics of Gaseous Emissions & Ambient Air Quality

##### Characteristics of Gaseous Emissions

| Sl. No. | Details of stack/sample | Date of analysis | Particulate Matter(SPM) MG/NM <sup>3</sup> | Parameters          |         |             |         |                     |
|---------|-------------------------|------------------|--------------------------------------------|---------------------|---------|-------------|---------|---------------------|
|         |                         |                  |                                            | SO <sub>2</sub> PPM | Nox PPM | Cyanide PPM | HCl PPM | Cl <sub>2</sub> PPM |
| 1       | Boiler Stack            | 16.04.2025       | 17.90                                      | 3.47                | 14.03   | -           | -       | -                   |
| 2       | Incinerator Flue Gas    | 23.04.2025       | 13.93                                      | 4.14                | 16.83   | -           | -       | -                   |

##### Characteristics of Ambient Air Quality

| Sl. No. | Date of analysis | Particulate Matter(SPM) µg/m <sup>3</sup> | Parameters                        |                       |                           |                           |                                   |
|---------|------------------|-------------------------------------------|-----------------------------------|-----------------------|---------------------------|---------------------------|-----------------------------------|
|         |                  |                                           | SO <sub>2</sub> µg/m <sup>3</sup> | Nox µg/m <sup>3</sup> | Cyanide µg/m <sup>3</sup> | Ammonia µg/m <sup>3</sup> | Cl <sub>2</sub> µg/m <sup>3</sup> |
| 1       | 16.04.2025       | 42.10                                     | 6.29                              | 17.16                 | -                         | -                         | -                                 |

**CHARACTERISTICS OF TREATED EFFLUENT**  
**FOR THE MONTH OF APRIL 2025**

| DATE      | V-Notch              |            | Guard Pond - 2       |            | Masma Khadi |            |
|-----------|----------------------|------------|----------------------|------------|-------------|------------|
|           | pH                   | CN- mg/ltr | pH                   | CN- mg/ltr | pH          | CN- mg/ltr |
| 01-Apr-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.4        | NIL         |            |
| 02-Apr-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 03-Apr-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.4        | NIL         |            |
| 04-Apr-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.4        | NIL         |            |
| 05-Apr-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 06-Apr-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 07-Apr-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 08-Apr-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 09-Apr-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 10-Apr-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.3        | NIL         |            |
| 11-Apr-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 12-Apr-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 13-Apr-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 14-Apr-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.4        | NIL         |            |
| 15-Apr-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.0        | NIL         |            |
| 16-Apr-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.2        | NIL         |            |
| 17-Apr-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 18-Apr-25 | 7.1                  | 0.10       | <-- NO DISCHARGE --> | 7.0        | NIL         |            |
| 19-Apr-25 | 7.4                  | 0.08       | <-- NO DISCHARGE --> | 7.2        | NIL         |            |
| 20-Apr-25 | 7.1                  | 0.08       | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 21-Apr-25 | 7.5                  | 0.07       | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 22-Apr-25 | 7.3                  | 0.08       | <-- NO DISCHARGE --> | 7.4        | NIL         |            |
| 23-Apr-25 | 7.3                  | 0.08       | <-- NO DISCHARGE --> | 7.1        | NIL         |            |
| 24-Apr-25 | 7.2                  | 0.09       | <-- NO DISCHARGE --> | 7.1        | NIL         |            |
| 25-Apr-25 | 7.3                  | 0.08       | <-- NO DISCHARGE --> | 7.1        | NIL         |            |
| 26-Apr-25 | 7.4                  | 0.06       | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 27-Apr-25 | 7.0                  | 0.08       | <-- NO DISCHARGE --> | 7.4        | NIL         |            |
| 28-Apr-25 | 7.0                  | 0.06       | <-- NO DISCHARGE --> | 7.4        | NIL         |            |
| 29-Apr-25 | 7.2                  | 0.07       | <-- NO DISCHARGE --> | 7.3        | NIL         |            |
| 30-Apr-25 | 7.0                  | 0.08       | <-- NO DISCHARGE --> | 7.2        | NIL         |            |

### Monthly Report of Environmental Status for the month of March 2025

1. Water consumed(by all sources) in KL : 7000
2. Treated water discharged in KL : NIL
3. Electricity consumed in ETP/APCM(KWH) : 124548
4. Fuel consumed(LDO/HSD(KL)/NG(NM<sup>3</sup>) : 33.000/ 2.005 /81092.13
5. Hazardous waste/others dispatched as per GPCB Guidelines (MT) : 15.920

#### 6. Characteristics of Gaseous Emissions &Ambient Air Quality

##### Characteristics of Gaseous Emissions

| Sl. No. | Details of stack/sample | Date of analysis | Particulate Matter(SPM) MG/NM <sup>3</sup> | Parameters          |         |             |         |                     |
|---------|-------------------------|------------------|--------------------------------------------|---------------------|---------|-------------|---------|---------------------|
|         |                         |                  |                                            | SO <sub>2</sub> PPM | Nox PPM | Cyanide PPM | HCl PPM | Cl <sub>2</sub> PPM |
| 1       | Boiler Stack            | 05.03.2025       | 18.06                                      | 3.61                | 14.45   | -           | -       | -                   |
| 2       | Incinerator Flue Gas    | 18.03.2025       | 13.35                                      | 4.32                | 17.80   | -           | -       | -                   |

##### Characteristics of Ambient Air Quality

| Sl. No. | Date of analysis | Particulate Matter(SPM) µg/m <sup>3</sup> | Parameters                        |                       |                           |                           |                                   |
|---------|------------------|-------------------------------------------|-----------------------------------|-----------------------|---------------------------|---------------------------|-----------------------------------|
|         |                  |                                           | SO <sub>2</sub> µg/m <sup>3</sup> | Nox µg/m <sup>3</sup> | Cyanide µg/m <sup>3</sup> | Ammonia µg/m <sup>3</sup> | Cl <sub>2</sub> µg/m <sup>3</sup> |
| 1       | 12.03.2025       | 36.21                                     | 9.04                              | 24.16                 | -                         | -                         | -                                 |

**CHARACTERISTICS OF TREATED EFFLUENT**  
**FOR THE MONTH OF MARCH 2025**

| DATE      | V-Notch              |            | Guard Pond - 2       |            | Masma Khadi |            |
|-----------|----------------------|------------|----------------------|------------|-------------|------------|
|           | pH                   | CN- mg/ltr | pH                   | CN- mg/ltr | pH          | CN- mg/ltr |
| 01-Mar-25 | 7.1                  | 0.08       | <-- NO DISCHARGE --> | 7.4        | NIL         |            |
| 02-Mar-25 | 7.2                  | 0.09       | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 03-Mar-25 | 7.1                  | 0.08       | <-- NO DISCHARGE --> | 7.3        | NIL         |            |
| 04-Mar-25 | 7.3                  | 0.08       | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 05-Mar-25 | 7.2                  | 0.07       | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 06-Mar-25 | 7.3                  | 0.07       | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 07-Mar-25 | 7.5                  | 0.06       | <-- NO DISCHARGE --> | 7.4        | NIL         |            |
| 08-Mar-25 | 7.4                  | 0.07       | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 09-Mar-25 | 7.0                  | 0.08       | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 10-Mar-25 | 7.3                  | 0.07       | <-- NO DISCHARGE --> | 7.4        | NIL         |            |
| 11-Mar-25 | 7.5                  | 0.06       | <-- NO DISCHARGE --> | 7.2        | NIL         |            |
| 12-Mar-25 | 7.3                  | 0.07       | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 13-Mar-25 | 7.2                  | 0.09       | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 14-Mar-25 | 7.1                  | 0.08       | <-- NO DISCHARGE --> | 7.3        | NIL         |            |
| 15-Mar-25 | 7.1                  | 0.07       | <-- NO DISCHARGE --> | 7.2        | NIL         |            |
| 16-Mar-25 | 7.2                  | 0.08       | <-- NO DISCHARGE --> | 7.4        | NIL         |            |
| 17-Mar-25 | 7.2                  | 0.07       | <-- NO DISCHARGE --> | 7.4        | NIL         |            |
| 18-Mar-25 | 7.3                  | 0.06       | <-- NO DISCHARGE --> | 7.2        | NIL         |            |
| 19-Mar-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 20-Mar-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 21-Mar-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 22-Mar-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.3        | NIL         |            |
| 23-Mar-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 24-Mar-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.4        | NIL         |            |
| 25-Mar-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 26-Mar-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.2        | NIL         |            |
| 27-Mar-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.4        | NIL         |            |
| 28-Mar-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 29-Mar-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.3        | NIL         |            |
| 30-Mar-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 31-Mar-25 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.5        | NIL         |            |

### Monthly Report of Environmental Status for the month of February 2025

1. Water consumed(by all sources) in KL : 10200
2. Treated water discharged in KL : NIL
3. Electricity consumed in ETP/APCM(KWH) : 150235
4. Fuel consumed(LDO/HSD(KL)/NG(NM<sup>3</sup>) : 51.500/ 0.380 /22014.980
5. Hazardous waste/others dispatched as per GPCB Guidelines (MT) : 16.450

#### 6. Characteristics of Gaseous Emissions & Ambient Air Quality

##### Characteristics of Gaseous Emissions

| Sl. No. | Details of stack/sample | Date of analysis | Particulate Matter(SPM) MG/NM <sup>3</sup> | Parameters          |         |             |         |                     |
|---------|-------------------------|------------------|--------------------------------------------|---------------------|---------|-------------|---------|---------------------|
|         |                         |                  |                                            | SO <sub>2</sub> PPM | Nox PPM | Cyanide PPM | HCl PPM | Cl <sub>2</sub> PPM |
| 1       | Boiler Stack            | 05.02.2025       | 17.72                                      | 3.54                | 14.31   | -           | -       | -                   |
| 2       | Incinerator Flue Gas    | 19.02.2025       | 11.42                                      | 4.03                | 16.94   | -           | -       | -                   |

##### Characteristics of Ambient Air Quality

| Sl. No. | Date of analysis | Particulate Matter(SPM) µg/m <sup>3</sup> | Parameters                        |                       |                           |                           |                                   |
|---------|------------------|-------------------------------------------|-----------------------------------|-----------------------|---------------------------|---------------------------|-----------------------------------|
|         |                  |                                           | SO <sub>2</sub> µg/m <sup>3</sup> | Nox µg/m <sup>3</sup> | Cyanide µg/m <sup>3</sup> | Ammonia µg/m <sup>3</sup> | Cl <sub>2</sub> µg/m <sup>3</sup> |
| 1       | 26.02.2025       | 37.17                                     | 8.21                              | 17.16                 | -                         | -                         | -                                 |

**CHARACTERISTICS OF TREATED EFFLUENT**  
**FOR THE MONTH OF FEBRUARY 2025**

| DATE      | V-Notch |               | Guard Pond - 2       |            | Masma Khadi |               |
|-----------|---------|---------------|----------------------|------------|-------------|---------------|
|           | pH      | CN-<br>mg/ltr | pH                   | CN- mg/ltr | pH          | CN-<br>mg/ltr |
| 01-Feb-25 | 7.3     | 0.09          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 02-Feb-25 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 03-Feb-25 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 04-Feb-25 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 05-Feb-25 | 7.5     | 0.06          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 06-Feb-25 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 07-Feb-25 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 08-Feb-25 | 7.3     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 09-Feb-25 | 7.0     | 0.10          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 10-Feb-25 | 7.0     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 11-Feb-25 | 7.2     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 12-Feb-25 | 7.2     | 0.06          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 13-Feb-25 | 7.1     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 14-Feb-25 | 7.2     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 15-Feb-25 | 7.3     | 0.06          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 16-Feb-25 | 7.0     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 17-Feb-25 | 7.2     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 18-Feb-25 | 7.2     | 0.06          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 19-Feb-25 | 7.1     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 20-Feb-25 | 7.2     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 21-Feb-25 | 7.2     | 0.09          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 22-Feb-25 | 7.2     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 23-Feb-25 | 7.0     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 24-Feb-25 | 7.1     | 0.06          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 25-Feb-25 | 7.2     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 26-Feb-25 | 7.1     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 27-Feb-25 | 7.0     | 0.06          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 28-Feb-25 | 7.2     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |

### Monthly Report of Environmental Status for the month of January 2025

1. Water consumed(by all sources) in KL : 11300
2. Treated water discharged in KL : NIL
3. Electricity consumed in ETP/APCM(KWH) : 164390
4. Fuel consumed(LDO/HSD(KL)/NG(NM<sup>3</sup>) : 69.200/ 1.540 /28347.030
5. Hazardous waste/others dispatched as per GPCB Guidelines (MT) : 16.530

#### 6. Characteristics of Gaseous Emissions & Ambient Air Quality

##### Characteristics of Gaseous Emissions

| Sl. No. | Details of stack/sample | Date of analysis | Particulate Matter(SPM) MG/NM <sup>3</sup> | Parameters          |         |             |         |                     |
|---------|-------------------------|------------------|--------------------------------------------|---------------------|---------|-------------|---------|---------------------|
|         |                         |                  |                                            | SO <sub>2</sub> PPM | Nox PPM | Cyanide PPM | HCl PPM | Cl <sub>2</sub> PPM |
| 1       | Boiler Stack            | 15.01.2025       | 20.24                                      | 3.61                | 14.59   | -           | -       | -                   |
| 2       | Incinerator Flue Gas    | 22.01.2025       | 15.40                                      | 5.34                | 18.94   | -           | -       | -                   |

##### Characteristics of Ambient Air Quality

| Sl. No. | Date of analysis | Particulate Matter(SPM) µg/m <sup>3</sup> | Parameters                        |                       |                           |                           |                                   |
|---------|------------------|-------------------------------------------|-----------------------------------|-----------------------|---------------------------|---------------------------|-----------------------------------|
|         |                  |                                           | SO <sub>2</sub> µg/m <sup>3</sup> | Nox µg/m <sup>3</sup> | Cyanide µg/m <sup>3</sup> | Ammonia µg/m <sup>3</sup> | Cl <sub>2</sub> µg/m <sup>3</sup> |
| 1       | 29.01.2025       | 35.09                                     | 8.39                              | 18.47                 | -                         | -                         | -                                 |

**CHARACTERISTICS OF TREATED EFFLUENT**  
**FOR THE MONTH OF JANUARY 2025**

| DATE      | V-Notch |               | Guard Pond - 2       |            | Masma Khadi |               |
|-----------|---------|---------------|----------------------|------------|-------------|---------------|
|           | pH      | CN-<br>mg/ltr | pH                   | CN- mg/ltr | pH          | CN-<br>mg/ltr |
| 01-Jan-25 | 7.5     | 0.06          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 02-Jan-25 | 7.2     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 03-Jan-25 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 04-Jan-25 | 7.5     | 0.06          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 05-Jan-25 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 06-Jan-25 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.1        | NIL         |               |
| 07-Jan-25 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 08-Jan-25 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.1        | NIL         |               |
| 09-Jan-25 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 10-Jan-25 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 11-Jan-25 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 12-Jan-25 | 7.6     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 13-Jan-25 | 7.6     | 0.08          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 14-Jan-25 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 15-Jan-25 | 7.4     | 0.09          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 16-Jan-25 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 17-Jan-25 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 18-Jan-25 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 19-Jan-25 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 20-Jan-25 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 21-Jan-25 | 7.5     | 0.09          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 22-Jan-25 | 7.3     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 23-Jan-25 | 7.3     | 0.09          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 24-Jan-25 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 25-Jan-25 | 7.6     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 26-Jan-25 | 7.6     | 0.09          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 27-Jan-25 | 7.6     | 0.06          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 28-Jan-25 | 7.3     | 0.08          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 29-Jan-25 | 7.4     | 0.10          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 30-Jan-25 | 7.3     | 0.09          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 31-Jan-25 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |

**Monthly Report of Environmental Status for the month of December 2024**

1. Water consumed(by all sources) in KL : 11284
2. Treated water discharged in KL : NIL
3. Electricity consumed in ETP/APCM(KWH) : 159586
4. Fuel consumed(LDO/HSD(KL)/NG(NM<sup>3</sup>) : 86.600/ 1.770 /17053.040
5. Hazardous waste/others dispatched as per GPCB Guidelines (MT) : NIL

6. **Characteristics of Gaseous Emissions & Ambient Air Quality**

**Characteristics of Gaseous Emissions**

| Sl. No. | Details of stack/sample | Date of analysis | Particulate Matter(SPM) MG/NM <sup>3</sup> | Parameters          |         |             |         |                     |
|---------|-------------------------|------------------|--------------------------------------------|---------------------|---------|-------------|---------|---------------------|
|         |                         |                  |                                            | SO <sub>2</sub> PPM | Nox PPM | Cyanide PPM | HCl PPM | Cl <sub>2</sub> PPM |
| 1       | Boiler Stack            | 18.12.2024       | 20.42                                      | 5.61                | 21.14   | -           | -       | -                   |
| 2       | Incinerator Flue Gas    | 25.12.2024       | 15.72                                      | 4.03                | 16.62   | -           | -       | -                   |

**Characteristics of Ambient Air Quality**

| Sl. No. | Date of analysis | Particulate Matter(SPM) µg/m <sup>3</sup> | Parameters                        |                       |                           |                           |                                   |
|---------|------------------|-------------------------------------------|-----------------------------------|-----------------------|---------------------------|---------------------------|-----------------------------------|
|         |                  |                                           | SO <sub>2</sub> µg/m <sup>3</sup> | Nox µg/m <sup>3</sup> | Cyanide µg/m <sup>3</sup> | Ammonia µg/m <sup>3</sup> | Cl <sub>2</sub> µg/m <sup>3</sup> |
| 1       | 04.12.2024       | 35.42                                     | 7.01                              | 18.48                 | -                         | -                         | -                                 |

**CHARACTERISTICS OF TREATED EFFLUENT**  
**FOR THE MONTH OF DECEMBER 2024**

| DATE      | V-Notch |               | Guard Pond - 2       |            | Masma Khadi |               |
|-----------|---------|---------------|----------------------|------------|-------------|---------------|
|           | pH      | CN-<br>mg/ltr | pH                   | CN- mg/ltr | pH          | CN-<br>mg/ltr |
| 01-Dec-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 02-Dec-24 | 7.3     | 0.06          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 03-Dec-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 04-Dec-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 05-Dec-24 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 06-Dec-24 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 07-Dec-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 08-Dec-24 | 7.3     | 0.08          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 09-Dec-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 10-Dec-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 11-Dec-24 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.7        | NIL         |               |
| 12-Dec-24 | 7.5     | 0.06          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 13-Dec-24 | 7.2     | 0.08          | <-- NO DISCHARGE --> | 7.1        | NIL         |               |
| 14-Dec-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 15-Dec-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 16-Dec-24 | 7.3     | 0.08          | <-- NO DISCHARGE --> | 7.1        | NIL         |               |
| 17-Dec-24 | 7.2     | 0.07          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 18-Dec-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 19-Dec-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 20-Dec-24 | 7.5     | 0.06          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 21-Dec-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 22-Dec-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 23-Dec-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 24-Dec-24 | 7.3     | 0.06          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 25-Dec-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 26-Dec-24 | 7.4     | 0.09          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 27-Dec-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 28-Dec-24 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 29-Dec-24 | 7.5     | 0.06          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 30-Dec-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 31-Dec-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |

### Monthly Report of Environmental Status for the month of November 2024

1. Water consumed(by all sources) in KL : 10860
2. Treated water discharged in KL : NIL
3. Electricity consumed in ETP/APCM(KWH) : 155576
4. Fuel consumed(LDO/HSD(KL)/NG(NM<sup>3</sup>) : 45.500/ 0.480 /91122.38
5. Hazardous waste/others dispatched as per GPCB Guidelines (MT) : 100.860

#### 6. Characteristics of Gaseous Emissions & Ambient Air Quality

##### Characteristics of Gaseous Emissions

| Sl. No. | Details of stack/sample | Date of analysis | Particulate Matter(SPM) MG/NM <sup>3</sup> | Parameters          |         |             |         |                     |
|---------|-------------------------|------------------|--------------------------------------------|---------------------|---------|-------------|---------|---------------------|
|         |                         |                  |                                            | SO <sub>2</sub> PPM | Nox PPM | Cyanide PPM | HCl PPM | Cl <sub>2</sub> PPM |
| 1       | Boiler Stack            | 20.11.2024       | 18.41                                      | 5.21                | 19.36   | -           | -       | -                   |
| 2       | Incinerator Flue Gas    | 27.11.2024       | 16.38                                      | 6.28                | 21.04   | -           | -       | -                   |

##### Characteristics of Ambient Air Quality

| Sl. No. | Date of analysis | Particulate Matter(SPM) µg/m <sup>3</sup> | Parameters                        |                       |                           |                           |                                   |
|---------|------------------|-------------------------------------------|-----------------------------------|-----------------------|---------------------------|---------------------------|-----------------------------------|
|         |                  |                                           | SO <sub>2</sub> µg/m <sup>3</sup> | Nox µg/m <sup>3</sup> | Cyanide µg/m <sup>3</sup> | Ammonia µg/m <sup>3</sup> | Cl <sub>2</sub> µg/m <sup>3</sup> |
| 1       | 06.11.2024       | 35.09                                     | 7.07                              | 17.45                 | -                         | -                         | -                                 |

**CHARACTERISTICS OF TREATED EFFLUENT**  
**FOR THE MONTH OF NOVEMBER 2024**

| DATE      | V-Notch |               | Guard Pond - 2       |            | Masma Khadi |               |
|-----------|---------|---------------|----------------------|------------|-------------|---------------|
|           | pH      | CN-<br>mg/ltr | pH                   | CN- mg/ltr | pH          | CN-<br>mg/ltr |
| 01-Nov-24 | 7.4     | 0.10          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 02-Nov-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 03-Nov-24 | 7.6     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 04-Nov-24 | 7.5     | 0.09          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 05-Nov-24 | 7.2     | 0.08          | <-- NO DISCHARGE --> | 7.1        | NIL         |               |
| 06-Nov-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 07-Nov-24 | 7.4     | 0.09          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 08-Nov-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 09-Nov-24 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 10-Nov-24 | 7.6     | 0.06          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 11-Nov-24 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 12-Nov-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 13-Nov-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 14-Nov-24 | 7.5     | 0.09          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 15-Nov-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 16-Nov-24 | 7.5     | 0.06          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 17-Nov-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 18-Nov-24 | 7.5     | 0.09          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 19-Nov-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 20-Nov-24 | 7.5     | 0.06          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 21-Nov-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 22-Nov-24 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 23-Nov-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 24-Nov-24 | 7.3     | 0.10          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 25-Nov-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 26-Nov-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 27-Nov-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 28-Nov-24 | 7.1     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 29-Nov-24 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 30-Nov-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |

**Monthly Report of Environmental Status for the month of October 2024**

1. Water consumed(by all sources) in KL : 11200
2. Treated water discharged in KL : NIL
3. Electricity consumed in ETP/APCM(KWH) : 160931
4. Fuel consumed(LDO/HSD(KL)/NG(NM<sup>3</sup>) : 6.000/ 0.910 /102128.14
5. Hazardous waste/others dispatched as per GPCB Guidelines (MT) : 13.750

6. **Characteristics of Gaseous Emissions & Ambient Air Quality**

**Characteristics of Gaseous Emissions**

| Sl. No. | Details of stack/sample | Date of analysis | Particulate Matter(SPM) MG/NM <sup>3</sup> | Parameters          |         |             |         |                     |
|---------|-------------------------|------------------|--------------------------------------------|---------------------|---------|-------------|---------|---------------------|
|         |                         |                  |                                            | SO <sub>2</sub> PPM | Nox PPM | Cyanide PPM | HCl PPM | Cl <sub>2</sub> PPM |
| 1       | Boiler Stack            | 23.10.2024       | 18.38                                      | 5.34                | 18.48   | -           | -       | -                   |
| 2       | Incinerator Flue Gas    | 02.10.2024       | 17.16                                      | 3.87                | 15.71   | -           | -       | -                   |

**Characteristics of Ambient Air Quality**

| Sl. No. | Date of analysis | Particulate Matter(SPM) µg/m <sup>3</sup> | Parameters                        |                       |                           |                           |                                   |
|---------|------------------|-------------------------------------------|-----------------------------------|-----------------------|---------------------------|---------------------------|-----------------------------------|
|         |                  |                                           | SO <sub>2</sub> µg/m <sup>3</sup> | Nox µg/m <sup>3</sup> | Cyanide µg/m <sup>3</sup> | Ammonia µg/m <sup>3</sup> | Cl <sub>2</sub> µg/m <sup>3</sup> |
| 1       | 16.10.2024       | 38.79                                     | 9.14                              | 17.05                 | -                         | -                         | -                                 |

**CHARACTERISTICS OF TREATED EFFLUENT**  
**FOR THE MONTH OF OCTOBER 2024**

| DATE      | V-Notch |               | Guard Pond - 2       |            | Masma Khadi |               |
|-----------|---------|---------------|----------------------|------------|-------------|---------------|
|           | pH      | CN-<br>mg/ltr | pH                   | CN- mg/ltr | pH          | CN-<br>mg/ltr |
| 01-Oct-24 | 7.4     | 0.09          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 02-Oct-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 03-Oct-24 | 7.6     | 0.06          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 04-Oct-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 05-Oct-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 06-Oct-24 | 7.6     | 0.09          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 07-Oct-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 08-Oct-24 | 7.6     | 0.09          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 09-Oct-24 | 7.6     | 0.09          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 10-Oct-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 11-Oct-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 12-Oct-24 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 13-Oct-24 | 7.6     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 14-Oct-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 15-Oct-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 16-Oct-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 17-Oct-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 18-Oct-24 | 7.5     | 0.09          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 19-Oct-24 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 20-Oct-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 21-Oct-24 | 7.4     | 0.09          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 22-Oct-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 23-Oct-24 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 24-Oct-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.1        | NIL         |               |
| 25-Oct-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 26-Oct-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 27-Oct-24 | 7.7     | 0.09          | <-- NO DISCHARGE --> | 7.0        | NIL         |               |
| 28-Oct-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 29-Oct-24 | 7.5     | 0.09          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 30-Oct-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 31-Oct-24 | 7.5     | 0.06          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |

### Monthly Report of Environmental Status for the month of September 2024

1. Water consumed(by all sources) in KL : 10900
2. Treated water discharged in KL : NIL
3. Electricity consumed in ETP/APCM(KWH) : 154396
4. Fuel consumed(LDO/HSD(KL)/NG(NM<sup>3</sup>) : 5.400/ 2.460 /89556.170
5. Hazardous waste/others dispatched as per GPCB Guidelines (MT) : 3.320

#### 6. Characteristics of Gaseous Emissions &Ambient Air Quality

##### Characteristics of Gaseous Emissions

| Sl. No. | Details of stack/sample | Date of analysis | Particulate Matter(SPM) MG/NM <sup>3</sup> | Parameters          |         |             |         |                     |
|---------|-------------------------|------------------|--------------------------------------------|---------------------|---------|-------------|---------|---------------------|
|         |                         |                  |                                            | SO <sub>2</sub> PPM | Nox PPM | Cyanide PPM | HCl PPM | Cl <sub>2</sub> PPM |
| 1       | Boiler Stack            | 25.09.2024       | 17.17                                      | 3.81                | 15.11   | -           | -       | -                   |
| 2       | Incinerator Flue Gas    | 04.09.2024       | 15.25                                      | 5.74                | 19.92   | -           | -       | -                   |

##### Characteristics of Ambient Air Quality

| Sl. No. | Date of analysis | Particulate Matter(SPM) µg/m <sup>3</sup> | Parameters                        |                       |                           |                           |                                   |
|---------|------------------|-------------------------------------------|-----------------------------------|-----------------------|---------------------------|---------------------------|-----------------------------------|
|         |                  |                                           | SO <sub>2</sub> µg/m <sup>3</sup> | Nox µg/m <sup>3</sup> | Cyanide µg/m <sup>3</sup> | Ammonia µg/m <sup>3</sup> | Cl <sub>2</sub> µg/m <sup>3</sup> |
| 1       | 18.09.2024       | 43.10                                     | 8.09                              | 18.48                 | -                         | -                         | -                                 |

**CHARACTERISTICS OF TREATED EFFLUENT**  
**FOR THE MONTH OF SEPTEMBER 2024**

| DATE      | V-Notch |               | Guard Pond - 2       |            | Masma Khadi |               |
|-----------|---------|---------------|----------------------|------------|-------------|---------------|
|           | pH      | CN-<br>mg/ltr | pH                   | CN- mg/ltr | pH          | CN-<br>mg/ltr |
| 01-Sep-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 02-Sep-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 03-Sep-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 04-Sep-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 05-Sep-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 06-Sep-24 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 07-Sep-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 08-Sep-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 09-Sep-24 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 10-Sep-24 | 7.5     | 0.06          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 11-Sep-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 12-Sep-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 13-Sep-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 14-Sep-24 | 7.5     | 0.06          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 15-Sep-24 | 7.6     | 0.08          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 16-Sep-24 | 7.5     | 0.09          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 17-Sep-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 18-Sep-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 19-Sep-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 20-Sep-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 21-Sep-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 22-Sep-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 23-Sep-24 | 7.3     | 0.09          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 24-Sep-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 25-Sep-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 26-Sep-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 27-Sep-24 | 7.1     | 0.08          | <-- NO DISCHARGE --> | 7.1        | NIL         |               |
| 28-Sep-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 29-Sep-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 30-Sep-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |

**Monthly Report of Environmental Status for the month of August 2024**

1. Water consumed(by all sources) in KL : 10940
2. Treated water discharged in KL : NIL
3. Electricity consumed in ETP/APCM(KWH) : 145004
4. Fuel consumed(LDO/HSD(KL)/NG(NM<sup>3</sup>) : 2.500/ 0.730 /83759.82
5. Hazardous waste/others dispatched as per GPCB Guidelines (MT) : NIL

6. **Characteristics of Gaseous Emissions &Ambient Air Quality**

**Characteristics of Gaseous Emissions**

| Sl. No. | Details of stack/sample | Date of analysis | Particulate Matter(SPM) MG/NM <sup>3</sup> | Parameters          |         |             |         |                     |
|---------|-------------------------|------------------|--------------------------------------------|---------------------|---------|-------------|---------|---------------------|
|         |                         |                  |                                            | SO <sub>2</sub> PPM | Nox PPM | Cyanide PPM | HCl PPM | Cl <sub>2</sub> PPM |
| 1       | Boiler Stack            | 28.08.2024       | 17.08                                      | 3.74                | 15.46   | -           | -       | -                   |
| 2       | Incinerator Flue Gas    | 07.08.2024       | 16.10                                      | 6.90                | 22.70   | -           | -       | -                   |

**Characteristics of Ambient Air Quality**

| Sl. No. | Date of analysis | Particulate Matter(SPM) µg/m <sup>3</sup> | Parameters                        |                       |                           |                           |                                   |
|---------|------------------|-------------------------------------------|-----------------------------------|-----------------------|---------------------------|---------------------------|-----------------------------------|
|         |                  |                                           | SO <sub>2</sub> µg/m <sup>3</sup> | Nox µg/m <sup>3</sup> | Cyanide µg/m <sup>3</sup> | Ammonia µg/m <sup>3</sup> | Cl <sub>2</sub> µg/m <sup>3</sup> |
| 1       | 14.08.2024       | 35.40                                     | 8.97                              | 20.94                 | -                         | -                         | -                                 |

**CHARACTERISTICS OF TREATED EFFLUENT**  
**FOR THE MONTH OF AUGUST 2024**

| DATE      | V-Notch |               | Guard Pond - 2       |            | Masma Khadi |               |
|-----------|---------|---------------|----------------------|------------|-------------|---------------|
|           | pH      | CN-<br>mg/ltr | pH                   | CN- mg/ltr | pH          | CN-<br>mg/ltr |
| 01-Aug-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 02-Aug-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 03-Aug-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 04-Aug-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 05-Aug-24 | 7.6     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 06-Aug-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 07-Aug-24 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 08-Aug-24 | 7.5     | 0.09          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 09-Aug-24 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 10-Aug-24 | 7.5     | 0.06          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 11-Aug-24 | 7.6     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 12-Aug-24 | 7.6     | 0.09          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 13-Aug-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 14-Aug-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 15-Aug-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 16-Aug-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 17-Aug-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 18-Aug-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 19-Aug-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 20-Aug-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 21-Aug-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 22-Aug-24 | 7.6     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 23-Aug-24 | 7.5     | 0.06          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 24-Aug-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 25-Aug-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 26-Aug-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 27-Aug-24 | 7.3     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 28-Aug-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 29-Aug-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 30-Aug-24 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 31-Aug-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |

### Monthly Report of Environmental Status for the month of July 2024

1. Water consumed(by all sources) in KL : 10920
2. Treated water discharged in KL : NIL
3. Electricity consumed in ETP/APCM(KWH) : 176246
4. Fuel consumed(LDO/HSD(KL)/NG(NM<sup>3</sup>) : 49.500/ 2.310 /19408.530
5. Hazardous waste/others dispatched as per GPCB Guidelines (MT) : NIL

#### 6. Characteristics of Gaseous Emissions & Ambient Air Quality

##### Characteristics of Gaseous Emissions

| Sl. No. | Details of stack/sample | Date of analysis | Particulate Matter(SPM) MG/NM <sup>3</sup> | Parameters          |         |             |         |                     |
|---------|-------------------------|------------------|--------------------------------------------|---------------------|---------|-------------|---------|---------------------|
|         |                         |                  |                                            | SO <sub>2</sub> PPM | Nox PPM | Cyanide PPM | HCl PPM | Cl <sub>2</sub> PPM |
| 1       | Boiler Stack            | 03.07.2024       | 18.75                                      | 5.48                | 20.34   | -           | -       | -                   |
| 2       | Incinerator Flue Gas    | 10.07.2024       | 15.73                                      | 6.28                | 23.01   | -           | -       | -                   |

##### Characteristics of Ambient Air Quality

| Sl. No. | Date of analysis | Particulate Matter(SPM) µg/m <sup>3</sup> | Parameters                        |                       |                           |                           |                                   |
|---------|------------------|-------------------------------------------|-----------------------------------|-----------------------|---------------------------|---------------------------|-----------------------------------|
|         |                  |                                           | SO <sub>2</sub> µg/m <sup>3</sup> | Nox µg/m <sup>3</sup> | Cyanide µg/m <sup>3</sup> | Ammonia µg/m <sup>3</sup> | Cl <sub>2</sub> µg/m <sup>3</sup> |
| 1       | 17.07.2024       | 43.86                                     | 9.79                              | 21.86                 | -                         | -                         | -                                 |

**CHARACTERISTICS OF TREATED EFFLUENT**  
**FOR THE MONTH OF JULY 2024**

| DATE      | V-Notch |               | Guard Pond - 2       |            | Masma Khadi |               |
|-----------|---------|---------------|----------------------|------------|-------------|---------------|
|           | pH      | CN-<br>mg/ltr | pH                   | CN- mg/ltr | pH          | CN-<br>mg/ltr |
| 01-Jul-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 02-Jul-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 03-Jul-24 | 7.2     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 04-Jul-24 | 7.2     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 05-Jul-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 06-Jul-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 07-Jul-24 | 7.3     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 08-Jul-24 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 09-Jul-24 | 7.5     | 0.06          | <-- NO DISCHARGE --> | 7.1        | NIL         |               |
| 10-Jul-24 | 7.4     | 0.09          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 11-Jul-24 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 12-Jul-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.0        | NIL         |               |
| 13-Jul-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 14-Jul-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 15-Jul-24 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 16-Jul-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 17-Jul-24 | 7.6     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 18-Jul-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 19-Jul-24 | 7.6     | 0.06          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 20-Jul-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 21-Jul-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 22-Jul-24 | 7.2     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 23-Jul-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 24-Jul-24 | 7.5     | 0.06          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 25-Jul-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.1        | NIL         |               |
| 26-Jul-24 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.1        | NIL         |               |
| 27-Jul-24 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 28-Jul-24 | 7.5     | 0.06          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 29-Jul-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 30-Jul-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 31-Jul-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |

### Monthly Report of Environmental Status for the month of June 2024

1. Water consumed(by all sources) in KL : 10549
2. Treated water discharged in KL : NIL
3. Electricity consumed in ETP/APCM(KWH) : 187880
4. Fuel consumed(LDO/HSD(KL)/NG(NM<sup>3</sup>) : 75.100/ 2.610 /2216.850
5. Hazardous waste/others dispatched as per GPCB Guidelines (MT) : 0.450

#### 6. Characteristics of Gaseous Emissions & Ambient Air Quality

##### Characteristics of Gaseous Emissions

| Sl. No. | Details of stack/sample | Date of analysis | Particulate Matter(SPM) MG/NM <sup>3</sup> | Parameters          |         |             |         |                     |
|---------|-------------------------|------------------|--------------------------------------------|---------------------|---------|-------------|---------|---------------------|
|         |                         |                  |                                            | SO <sub>2</sub> PPM | Nox PPM | Cyanide PPM | HCl PPM | Cl <sub>2</sub> PPM |
| 1       | Boiler Stack            | 05.06.2024       | 17.99                                      | 5.36                | 19.64   | -           | -       | -                   |
| 2       | Incinerator Flue Gas    | 12.06.2024       | 15.61                                      | 6.04                | 21.15   | -           | -       | -                   |

##### Characteristics of Ambient Air Quality

| Sl. No. | Date of analysis | Particulate Matter(SPM) µg/m <sup>3</sup> | Parameters                        |                       |                           |                           |                                   |
|---------|------------------|-------------------------------------------|-----------------------------------|-----------------------|---------------------------|---------------------------|-----------------------------------|
|         |                  |                                           | SO <sub>2</sub> µg/m <sup>3</sup> | Nox µg/m <sup>3</sup> | Cyanide µg/m <sup>3</sup> | Ammonia µg/m <sup>3</sup> | Cl <sub>2</sub> µg/m <sup>3</sup> |
| 1       | 19.06.2024       | 35.40                                     | 8.04                              | 20.06                 | -                         | -                         | -                                 |

**CHARACTERISTICS OF TREATED EFFLUENT**  
**FOR THE MONTH OF JUNE 2024**

| DATE      | V-Notch |               | Guard Pond - 2       |            | Masma Khadi |               |
|-----------|---------|---------------|----------------------|------------|-------------|---------------|
|           | pH      | CN-<br>mg/ltr | pH                   | CN- mg/ltr | pH          | CN-<br>mg/ltr |
| 01-Jun-24 | 7.3     | 0.06          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 02-Jun-24 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 03-Jun-24 | 7.3     | 0.06          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 04-Jun-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 05-Jun-24 | 7.4     | 0.09          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 06-Jun-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.1        | NIL         |               |
| 07-Jun-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.1        | NIL         |               |
| 08-Jun-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 09-Jun-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 10-Jun-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.7        | NIL         |               |
| 11-Jun-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 12-Jun-24 | 7.3     | 0.09          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 13-Jun-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 14-Jun-24 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 15-Jun-24 | 7.5     | 0.06          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 16-Jun-24 | 7.7     | 0.08          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 17-Jun-24 | 7.5     | 0.07          | <-- NO DISCHARGE --> | 7.1        | NIL         |               |
| 18-Jun-24 | 7.5     | 0.06          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 19-Jun-24 | 7.5     | 0.09          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 20-Jun-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 21-Jun-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 22-Jun-24 | 7.2     | 0.06          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 23-Jun-24 | 7.3     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 24-Jun-24 | 7.2     | 0.09          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 25-Jun-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 26-Jun-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 27-Jun-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 28-Jun-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.0        | NIL         |               |
| 29-Jun-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 30-Jun-24 | 7.5     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |

### Monthly Report of Environmental Status for the month of May 2024

1. Water consumed(by all sources) in KL : 9964
2. Treated water discharged in KL : NIL
3. Electricity consumed in ETP/APCM(KWH) : 163688
4. Fuel consumed(LDO/HSD(KL)/NG(NM<sup>3</sup>) : 19.450/ 1.725 /129856.12
5. Hazardous waste/others dispatched as per GPCB Guidelines (MT) : 54.220

#### 6. Characteristics of Gaseous Emissions & Ambient Air Quality

##### Characteristics of Gaseous Emissions

| Sl. No. | Details of stack/sample | Date of analysis | Particulate Matter(SPM) MG/NM <sup>3</sup> | Parameters          |         |             |         |                     |
|---------|-------------------------|------------------|--------------------------------------------|---------------------|---------|-------------|---------|---------------------|
|         |                         |                  |                                            | SO <sub>2</sub> PPM | Nox PPM | Cyanide PPM | HCl PPM | Cl <sub>2</sub> PPM |
| 1       | Boiler Stack            | 01.05.2024       | 16.76                                      | 5.26                | 18.66   | -           | -       | -                   |
| 2       | Incinerator Flue Gas    | 08.05.2024       | 14.92                                      | 5.61                | 19.64   | -           | -       | -                   |

##### Characteristics of Ambient Air Quality

| Sl. No. | Date of analysis | Particulate Matter(SPM) µg/m <sup>3</sup> | Parameters                        |                       |                           |                           |                                   |
|---------|------------------|-------------------------------------------|-----------------------------------|-----------------------|---------------------------|---------------------------|-----------------------------------|
|         |                  |                                           | SO <sub>2</sub> µg/m <sup>3</sup> | Nox µg/m <sup>3</sup> | Cyanide µg/m <sup>3</sup> | Ammonia µg/m <sup>3</sup> | Cl <sub>2</sub> µg/m <sup>3</sup> |
| 1       | 22.05.2024       | 41.67                                     | 8.74                              | 21.11                 | -                         | -                         | -                                 |

**CHARACTERISTICS OF TREATED EFFLUENT**  
**FOR THE MONTH OF MAY 2024**

| DATE      | V-Notch              |            | Guard Pond - 2       |            | Masma Khadi |            |
|-----------|----------------------|------------|----------------------|------------|-------------|------------|
|           | pH                   | CN- mg/ltr | pH                   | CN- mg/ltr | pH          | CN- mg/ltr |
| 01-May-24 | 7.5                  | 0.08       | <-- NO DISCHARGE --> | 7.4        | NIL         |            |
| 02-May-24 | 7.5                  | 0.07       | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 03-May-24 | 7.6                  | 0.06       | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 04-May-24 | 7.5                  | 0.09       | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 05-May-24 | 7.4                  | 0.08       | <-- NO DISCHARGE --> | 7.4        | NIL         |            |
| 06-May-24 | 7.5                  | 0.08       | <-- NO DISCHARGE --> | 7.1        | NIL         |            |
| 07-May-24 | 7.5                  | 0.08       | <-- NO DISCHARGE --> | 7.3        | NIL         |            |
| 08-May-24 | 7.5                  | 0.07       | <-- NO DISCHARGE --> | 7.3        | NIL         |            |
| 09-May-24 | 7.5                  | 0.06       | <-- NO DISCHARGE --> | 7.3        | NIL         |            |
| 10-May-24 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 11-May-24 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.4        | NIL         |            |
| 12-May-24 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 13-May-24 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 14-May-24 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.3        | NIL         |            |
| 15-May-24 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 16-May-24 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 17-May-24 | <-- NO DISCHARGE --> |            | <-- NO DISCHARGE --> | 7.1        | NIL         |            |
| 18-May-24 | 7.2                  | 0.07       | <-- NO DISCHARGE --> | 7.2        | NIL         |            |
| 19-May-24 | 7.2                  | 0.08       | <-- NO DISCHARGE --> | 7.2        | NIL         |            |
| 20-May-24 | 7.4                  | 0.07       | <-- NO DISCHARGE --> | 7.1        | NIL         |            |
| 21-May-24 | 7.3                  | 0.07       | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 22-May-24 | 7.3                  | 0.08       | <-- NO DISCHARGE --> | 7.2        | NIL         |            |
| 23-May-24 | 7.5                  | 0.07       | <-- NO DISCHARGE --> | 7.6        | NIL         |            |
| 24-May-24 | 7.2                  | 0.08       | <-- NO DISCHARGE --> | 7.0        | NIL         |            |
| 25-May-24 | 7.5                  | 0.07       | <-- NO DISCHARGE --> | 7.2        | NIL         |            |
| 26-May-24 | 7.5                  | 0.08       | <-- NO DISCHARGE --> | 7.7        | NIL         |            |
| 27-May-24 | 7.5                  | 0.07       | <-- NO DISCHARGE --> | 7.2        | NIL         |            |
| 28-May-24 | 7.6                  | 0.06       | <-- NO DISCHARGE --> | 7.7        | NIL         |            |
| 29-May-24 | 7.3                  | 0.07       | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 30-May-24 | 7.4                  | 0.08       | <-- NO DISCHARGE --> | 7.5        | NIL         |            |
| 31-May-24 | 7.4                  | 0.07       | <-- NO DISCHARGE --> | 7.4        | NIL         |            |

Note: There was no discharge from 10/05/2024 to 17/05/2024 due to HCN PLANT shut down and HCN Plant re-started from 16/06/2024

### Monthly Report of Environmental Status for the month of April 2024

1. Water consumed(by all sources) in KL : 10470
2. Treated water discharged in KL : NIL
3. Electricity consumed in ETP/APCM(KWH) : 175140
4. Fuel consumed(LDO/HSD(KL)/NG(NM<sup>3</sup>) : 33.400/ NIL /18378.000
5. Hazardous waste/others dispatched as per GPCB Guidelines (MT) : 37.600

#### 6. Characteristics of Gaseous Emissions & Ambient Air Quality

##### Characteristics of Gaseous Emissions

| Sl. No. | Details of stack/sample | Date of analysis | Particulate Matter(SPM) MG/NM <sup>3</sup> | Parameters          |         |             |         |                     |
|---------|-------------------------|------------------|--------------------------------------------|---------------------|---------|-------------|---------|---------------------|
|         |                         |                  |                                            | SO <sub>2</sub> PPM | Nox PPM | Cyanide PPM | HCl PPM | Cl <sub>2</sub> PPM |
| 1       | Boiler Stack            | 03.04.2024       | 15.61                                      | 4.14                | 17.04   | -           | -       | -                   |
| 2       | Incinerator Flue Gas    | 10.04.2024       | 13.59                                      | 6.86                | 19.11   | -           | -       | -                   |

##### Characteristics of Ambient Air Quality

| Sl. No. | Date of analysis | Particulate Matter(SPM) µg/m <sup>3</sup> | Parameters                        |                       |                           |                           |                                   |
|---------|------------------|-------------------------------------------|-----------------------------------|-----------------------|---------------------------|---------------------------|-----------------------------------|
|         |                  |                                           | SO <sub>2</sub> µg/m <sup>3</sup> | Nox µg/m <sup>3</sup> | Cyanide µg/m <sup>3</sup> | Ammonia µg/m <sup>3</sup> | Cl <sub>2</sub> µg/m <sup>3</sup> |
| 1       | 17.04.2024       | 35.40                                     | 7.03                              | 18.47                 | -                         | -                         | -                                 |

**CHARACTERISTICS OF TREATED EFFLUENT**  
**FOR THE MONTH OF APRIL 2024**

| DATE      | V-Notch |               | Guard Pond - 2       |            | Masma Khadi |               |
|-----------|---------|---------------|----------------------|------------|-------------|---------------|
|           | pH      | CN-<br>mg/ltr | pH                   | CN- mg/ltr | pH          | CN-<br>mg/ltr |
| 01-Apr-24 | 7.2     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 02-Apr-24 | 7.1     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 03-Apr-24 | 7.1     | 0.06          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 04-Apr-24 | 7.1     | 0.09          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 05-Apr-24 | 7.2     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 06-Apr-24 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 07-Apr-24 | 7.2     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 08-Apr-24 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 09-Apr-24 | 7.3     | 0.06          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 10-Apr-24 | 7.4     | 0.05          | <-- NO DISCHARGE --> | 7.7        | NIL         |               |
| 11-Apr-24 | 7.4     | 0.09          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 12-Apr-24 | 7.3     | 0.08          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 13-Apr-24 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 14-Apr-24 | 7.2     | 0.08          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 15-Apr-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 16-Apr-24 | 7.3     | 0.06          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 17-Apr-24 | 7.3     | 0.09          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 18-Apr-24 | 7.3     | 0.08          | <-- NO DISCHARGE --> | 7.7        | NIL         |               |
| 19-Apr-24 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 20-Apr-24 | 7.3     | 0.06          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 21-Apr-24 | 7.3     | 0.09          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 22-Apr-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 23-Apr-24 | 7.4     | 0.08          | <-- NO DISCHARGE --> | 7.6        | NIL         |               |
| 24-Apr-24 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.5        | NIL         |               |
| 25-Apr-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 26-Apr-24 | 7.3     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |
| 27-Apr-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 28-Apr-24 | 7.6     | 0.07          | <-- NO DISCHARGE --> | 7.3        | NIL         |               |
| 29-Apr-24 | 7.4     | 0.06          | <-- NO DISCHARGE --> | 7.2        | NIL         |               |
| 30-Apr-24 | 7.4     | 0.07          | <-- NO DISCHARGE --> | 7.4        | NIL         |               |