# **Report for TEST Technologies**

# Quality Report for Station: stack\_1

| Parameter         | Avg<br>Value | Min<br>Value | Max<br>Value | Min<br>Acceptable<br>Limits | Max<br>Acceptable<br>Limits | Exceedance |
|-------------------|--------------|--------------|--------------|-----------------------------|-----------------------------|------------|
| ph                | 17.17        | 0            | 0            | Not Added                   | Not Added                   | Not Added  |
| ammonicalNitrogen | 3.2          | 0            | 0            | Not Added                   | Not Added                   | Not Added  |
| Totalizer_Flow    | 139          | 0            | 0            | Not Added                   | Not Added                   | Not Added  |
| Fluoride          | 4.67         | 0            | 0            | Not Added                   | Not Added                   | Not Added  |
| _id               | 674231       | 0            | 0            | Not Added                   | Not Added                   | Not Added  |

# **Quality Report for Station: stack\_3**

| Parameter | Avg<br>Value | Min<br>Value | Max<br>Value | Min Acceptable<br>Limits | Max Acceptable<br>Limits | Exceedance |
|-----------|--------------|--------------|--------------|--------------------------|--------------------------|------------|
| BOD       | 7.63         | 0            | 0            | Not Added                | Not Added                | Not Added  |
| COD       | 11.37        | 0            | 0            | Not Added                | Not Added                | Not Added  |
| TSS       | 9.5          | 0            | 0            | Not Added                | Not Added                | Not Added  |
| ORP       | 113.33       | 0            | 0            | Not Added                | Not Added                | Not Added  |
| _id       | 674231       | 0            | 0            | Not Added                | Not Added                | Not Added  |

## **Quality Report for Station: stack\_2**

| Parameter      | Avg<br>Value | Min<br>Value | Max<br>Value | Min Acceptable<br>Limits | Max Acceptable<br>Limits | Exceedance |
|----------------|--------------|--------------|--------------|--------------------------|--------------------------|------------|
| PM             | 11.43        | 0            | 0            | Not Added                | Not Added                | Not Added  |
| HCI            | 2.37         | 0            | 0            | Not Added                | Not Added                | Not Added  |
| total_chlorine | 11.37        | 0            | 0            | Not Added                | Not Added                | Not Added  |
| _id            | 674231       | 0            | 0            | Not Added                | Not Added                | Not Added  |

## Quality Report for Station: stack\_4

| Parameter | Avg<br>Value | Min<br>Value | Max<br>Value | Min Acceptable<br>Limits | Max Acceptable<br>Limits | Exceedance |
|-----------|--------------|--------------|--------------|--------------------------|--------------------------|------------|
| NOX       | 6.17         | 0            | 0            | Not Added                | Not Added                | Not Added  |

| Parameter | Avg<br>Value | Min<br>Value | Max<br>Value | Min Acceptable<br>Limits | Max Acceptable<br>Limits | Exceedance |
|-----------|--------------|--------------|--------------|--------------------------|--------------------------|------------|
| SO2       | 10.47        | 0            | 0            | Not Added                | Not Added                | Not Added  |
| PM25      | 12.7         | 0            | 0            | Not Added                | Not Added                | Not Added  |
| NH3       | 7.57         | 0            | 0            | Not Added                | Not Added                | Not Added  |
| _id       | 674231       | 0            | 0            | Not Added                | Not Added                | Not Added  |

#### **Quality Report for Station: Noise**

| Parameter | Avg<br>Value | Min<br>Value | Max<br>Value | Min Acceptable<br>Limits | Max Acceptable<br>Limits | Exceedance |
|-----------|--------------|--------------|--------------|--------------------------|--------------------------|------------|
| DB        | 7.8          | 0            | 0            | Not Added                | Not Added                | Not Added  |
| _id       | 674231       | 0            | 0            | Not Added                | Not Added                | Not Added  |

# **Quality Report for Station: Effluent\_meter**

| Parameter      | Avg<br>Value | Min<br>Value | Max<br>Value | Min Acceptable<br>Limits | Max Acceptable<br>Limits | Exceedance |
|----------------|--------------|--------------|--------------|--------------------------|--------------------------|------------|
| cumulatingFlow | 519.5        | 0            | 0            | Not Added                | Not Added                | Not Added  |
| _id            | 675          | 0            | 0            | Not Added                | Not Added                | Not Added  |

# **Quality Report for Station: Waste\_Weigh\_meter\_3**

| Parameter | Avg<br>Value | Min<br>Value | Max<br>Value | Min Acceptable<br>Limits | Max Acceptable<br>Limits | Exceedance |
|-----------|--------------|--------------|--------------|--------------------------|--------------------------|------------|
| weight    | 438.5        | 0            | 0            | Not Added                | Not Added                | Not Added  |
| _id       | 675          | 0            | 0            | Not Added                | Not Added                | Not Added  |

# **Quality Report for Station: Energy\_meter**

| Parameter | Avg<br>Value | Min<br>Value | Max<br>Value | Min Acceptable<br>Limits | Max Acceptable<br>Limits | Exceedance |
|-----------|--------------|--------------|--------------|--------------------------|--------------------------|------------|
| energy    | 1977.71      | 0            | 0            | Not Added                | Not Added                | Not Added  |
| _id       | 675          | 0            | 0            | Not Added                | Not Added                | Not Added  |

# **Quality Report for Station: Energy\_meter\_3**

| Parameter | Avg<br>Value | Min<br>Value | Max<br>Value | Min Acceptable<br>Limits | Max Acceptable<br>Limits | Exceedance |
|-----------|--------------|--------------|--------------|--------------------------|--------------------------|------------|
| energy    | 411.24       | 0            | 0            | Not Added                | Not Added                | Not Added  |

| Parameter | Avg<br>Value | Min<br>Value | Max<br>Value | Min Acceptable<br>Limits | Max Acceptable<br>Limits | Exceedance |  |
|-----------|--------------|--------------|--------------|--------------------------|--------------------------|------------|--|
| _id       | 675          | 0            | 0            | Not Added                | Not Added                | Not Added  |  |

#### Quality Report for Station: Energy\_meter\_2

| Parameter | Avg<br>Value | Min<br>Value | Max<br>Value | Min Acceptable<br>Limits | Max Acceptable<br>Limits | Exceedance |
|-----------|--------------|--------------|--------------|--------------------------|--------------------------|------------|
| energy    | 1400.85      | 0            | 0            | Not Added                | Not Added                | Not Added  |
| _id       | 0            | 0            | 0            | Not Added                | Not Added                | Not Added  |

### **Quality Report for Station: Waste\_Weigh\_meter\_2**

| Parameter | Avg Value               | Min<br>Value | Max<br>Value | Min<br>Acceptable<br>Limits | Max<br>Acceptable<br>Limits | Exceedance |
|-----------|-------------------------|--------------|--------------|-----------------------------|-----------------------------|------------|
| weight    | 2095.8                  | 0            | 0            | Not Added                   | Not Added                   | Not Added  |
| _id       | 1.5370568181818181e+100 | 0            | 0            | Not Added                   | Not Added                   | Not Added  |

## **Quality Report for Station: Recyclable\_Waste**

| Parameter | Avg<br>Value | Min<br>Value | Max<br>Value | Min Acceptable<br>Limits | Max Acceptable<br>Limits | Exceedance |
|-----------|--------------|--------------|--------------|--------------------------|--------------------------|------------|
| weight    | 2348         | 0            | 0            | Not Added                | Not Added                | Not Added  |
| _id       | 0            | 0            | 0            | Not Added                | Not Added                | Not Added  |

## **Quality Report for Station: Waste\_Weigh\_meter**

| Parameter | Avg<br>Value | Min<br>Value | Max<br>Value | Min Acceptable<br>Limits | Max Acceptable<br>Limits | Exceedance |
|-----------|--------------|--------------|--------------|--------------------------|--------------------------|------------|
| weight    | 2472.58      | 0            | 0            | Not Added                | Not Added                | Not Added  |
| _id       | 6765         | 0            | 0            | Not Added                | Not Added                | Not Added  |

#### **Quality Report for Station: flow\_meter**

| Parameter      | Avg<br>Value | Min<br>Value | Max<br>Value | Min Acceptable<br>Limits | Max Acceptable<br>Limits | Exceedance |
|----------------|--------------|--------------|--------------|--------------------------|--------------------------|------------|
| cumulatingFlow | 6503.87      | 0            | 0            | Not Added                | Not Added                | Not Added  |
| _id            | 676          | 0            | 0            | Not Added                | Not Added                | Not Added  |

# **Energy Report**

| Station        | Total Consumption | Initial Reading | Final Reading | Difference |
|----------------|-------------------|-----------------|---------------|------------|
| Energy_meter_2 | 18590             | 740             | 2939          | 2199       |
| Energy_meter   | 80190             | 2140            | 4339          | 2199       |
| Energy_meter_3 | 5390              | 440             | 2639          | 2199       |

# **Flow Report**

| Station        | Total Flow | Initial Reading | Final Reading | Difference |
|----------------|------------|-----------------|---------------|------------|
| Effluent_meter | 0          | 840             | 3039          | 2199       |
| flow_meter     | 0          | 840             | 3039          | 2199       |