

Treated Wastes: Types and Quantities (FY2021)

| Category | | April | May | June | July | August | September | October | November | December | January | February | March |
|----------------|-------------------------------|-------|-------|-------|--------|--------|-----------|---------|----------|----------|---------|----------|-------|
| Domestic waste | Garbage | 8,580 | 7,300 | 8,970 | 12,870 | 10,700 | 9,680 | 9,540 | 9,150 | 9,650 | 7,210 | 6,950 | 9,290 |
| | Afterbirth and related wastes | 10 | 10 | 10 | 0 | 25 | 0 | 10 | 10 | 10 | 10 | 54 | 0 |
| | Sludge | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

[kg]

Measurements of Emission Gas

FY2021

Wastech Division (Iwaki)

[No.7 Incinerator]

| Concentrations of Dioxins | | | | | | | | | | | | |
|--|--------------|--------|-------|--------|---------|---------|-------|--|--|--|--|--|
| Sampling position of the emission gas | Stack outlet | | | | | | | | | | | |
| Sampling date of the emission gas | 13-Apr | 22-Jun | - | 31-Aug | 14-Oct | 9-Dec | - | | | | | |
| Date of measurement result obtained | 14-May | 28-Jul | - | 5-Oct | 19-Nov | 13-Jan | - | | | | | |
| Measurement result (ng-TEQ/m ³ N) | 0.0026 | 0.041 | - | 0.001 | 0.00037 | 0.00034 | - | | | | | |
| Concentrations of Soot | | | | | | | | | | | | |
| Concentration of Sulfur Oxides | | | | | | | | | | | | |
| Sampling position of the emission gas | Stack outlet | | | | | | | | | | | |
| Sampling date of the emission gas | 13-Apr | 22-Jun | 3-Aug | 31-Aug | 14-Oct | 9-Dec | 3-Feb | | | | | |
| Date of measurement result obtained | 14-May | 28-Jul | 3-Sep | 5-Oct | 19-Nov | 13-Jan | 4-Mar | | | | | |
| Measurement result (volppm) | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.2 | | | | | |
| Concentration of Soot and Dust | | | | | | | | | | | | |
| Sampling position of the emission gas | Stack outlet | | | | | | | | | | | |
| Sampling date of the emission gas | 13-Apr | 22-Jun | 3-Aug | 31-Aug | 14-Oct | 9-Dec | 3-Feb | | | | | |
| Date of measurement result obtained | 14-May | 28-Jul | 3-Sep | 5-Oct | 19-Nov | 13-Jan | 4-Mar | | | | | |
| Measurement result (g/m ³ N) | 0.003 | 0.004 | 0.003 | 0.003 | 0.003 | 0.002 | 0.003 | | | | | |
| Concentration of Hydrogen Chloride | | | | | | | | | | | | |
| Sampling position of the emission gas | Stack outlet | | | | | | | | | | | |
| Sampling date of the emission gas | 13-Apr | 22-Jun | 3-Aug | 31-Aug | 14-Oct | 9-Dec | 3-Feb | | | | | |
| Date of measurement result obtained | 14-May | 28-Jul | 3-Sep | 5-Oct | 19-Nov | 13-Jan | 4-Mar | | | | | |
| Measurement result (mg/m ³ N) | <1.5 | <1.5 | <1.5 | <1.5 | <1.5 | <1.5 | <1.5 | | | | | |
| Concentration of Nitrogen Oxides | | | | | | | | | | | | |
| Sampling position of the emission gas | Stack outlet | | | | | | | | | | | |
| Sampling date of the emission gas | 13-Apr | 22-Jun | 3-Aug | 31-Aug | 14-Oct | 9-Dec | 3-Feb | | | | | |
| Date of measurement result obtained | 14-May | 28-Jul | 3-Sep | 5-Oct | 19-Nov | 13-Jan | 4-Mar | | | | | |
| Measurement result (volppm) | 73 | 67 | 74 | 63 | 75 | 68 | 70 | | | | | |

[No.8 Incinerator]

| Concentrations of Dioxins | | | | | | | | | | | | |
|--|--------------|--------|--------|--------|--------|--------|--|--|--|--|--|--|
| Sampling position of the emission gas | Stack outlet | | | | | | | | | | | |
| Sampling date of the emission gas | 7-Apr | 2-Jun | - | 6-Oct | 14-Dec | - | | | | | | |
| Date of measurement result obtained | 21-May | 16-Jul | - | 12-Nov | 18-Jan | - | | | | | | |
| Measurement result (ng-TEQ/m ³ N) | 0.0004 | 0.0002 | - | 0.0002 | 0.0002 | - | | | | | | |
| Concentrations of Soot | | | | | | | | | | | | |
| Concentration of Sulfur Oxides | | | | | | | | | | | | |
| Sampling position of the emission gas | Stack outlet | | | | | | | | | | | |
| Sampling date of the emission gas | 7-Apr | 2-Jun | 19-Aug | 6-Oct | 14-Dec | 10-Feb | | | | | | |
| Date of measurement result obtained | 21-May | 16-Jul | 17-Sep | 12-Nov | 18-Jan | 10-Mar | | | | | | |
| Measurement result (volppm) | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | | | | | | |
| Concentration of Soot and Dust | | | | | | | | | | | | |
| Sampling position of the emission gas | Stack outlet | | | | | | | | | | | |
| Sampling date of the emission gas | 7-Apr | 2-Jun | 19-Aug | 6-Oct | 14-Dec | 10-Feb | | | | | | |
| Date of measurement result obtained | 21-May | 16-Jul | 17-Sep | 12-Nov | 18-Jan | 10-Mar | | | | | | |
| Measurement result (g/m ³ N) | 0.004 | 0.004 | 0.004 | 0.003 | 0.003 | 0.009 | | | | | | |
| Concentration of Hydrogen Chloride | | | | | | | | | | | | |
| Sampling position of the emission gas | Stack outlet | | | | | | | | | | | |
| Sampling date of the emission gas | 7-Apr | 2-Jun | 19-Aug | 6-Oct | 14-Dec | 10-Feb | | | | | | |
| Date of measurement result obtained | 21-May | 16-Jul | 17-Sep | 12-Nov | 18-Jan | 10-Mar | | | | | | |
| Measurement result (mg/m ³ N) | <1.5 | <1.5 | <1.5 | <1.5 | <1.5 | <1.5 | | | | | | |
| Concentration of Nitrogen Oxides | | | | | | | | | | | | |
| Sampling position of the emission gas | Stack outlet | | | | | | | | | | | |
| Sampling date of the emission gas | 7-Apr | 2-Jun | 19-Aug | 6-Oct | 14-Dec | 10-Feb | | | | | | |
| Date of measurement result obtained | 21-May | 16-Jul | 17-Sep | 12-Nov | 18-Jan | 10-Mar | | | | | | |
| Measurement result (volppm) | 79 | 52 | 55 | 57 | 74 | 55 | | | | | | |