KUREHA ECOLOGY MANAGEMENT CO., LTD.
WASTECH DIVISION
(KANAGAWA)

Treated Waste: Types and Quantities (FY2023)

[ton]

Category	Description of waste	April	May	June	July	August	September	October	November	December	January	February	March
Industrial waste	Sludge	400	522	388	526	433	206	343	317	420	846	647	572
	Waste oil	0	0	0	0	0	0	0	0	0	0	0	0
	Waste plastic and others	1,536	2,642	2,260	2,444	1,666	1,433	1,874	1,727	2,267	2,562	1,831	1,782
	Waste paper	99	149	104	145	112	99	153	78	100	118	69	114
	Wood waste	1	1	2	1	1	1	1	1	1	1	1	1
	Animal and plant residues	27	31	27	34	28	206	89	32	29	45	27	22
	Waste rubber	0	0	0	0	0	0	0	0	0	0	0	0
	Waste alkali	21	47	41	53	19	44	47	33	74	109	40	38
	Waste acid	0	0	0	0	0	0	0	0	0	0	0	0
	Waste metal	0	0	0	0	0	6	9	2	6	3	6	7
	Carcass animal husbandry	0	0	0	0	0	0	0	1	0	0	0	0
Hazardous waste	Infectious waste	452	761	612	531	720	621	638	593	602	652	508	533

KUREHA ECOLOGY MANAGEMENT CO., LTD.

WASTECH DIVISION

Measurement Result of Emission Gas and Date of Removal of soot and dust (FY2023)

(KANAGAWA)

[No.1 Incinerator]

	1st	2nd	3rd	4th	5th	6th	7th	8th
Concentrations of Dioxins								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	6-Jun							
Date of measurement result obtained	3-Jul							
Measurement result (ng-TEQ/m3N)	0.037							
Concentrations of Soot								
Concentration of Sulfur Oxides								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	28-Mar	14-Apr	6-Jun	9-Aug	17-Oct	15-Dec	11-Jan	5-Feb
Date of measurement result obtained	20-Apr	16-May	3-Jul	15-Sep	17-Nov	18-Jan	13-Feb	5-Mar
Measurement result (volppm)	12	8.7	25	16	21	26	5.2	28
Concentration of Soot and Dust								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	6-Jun	9-Aug	5-Feb					
Date of measurement result obtained	3-Jul	15-Sep	5-Mar					
Measurement result (g/m3N)	0.008	0.002	<0.001					
Concentration of Hydrogen Chloride								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	6-Jun	9-Aug	5-Feb					
Date of measurement result obtained	3-Jul	15-Sep	5-Mar					
Measurement result (mg/m3N)	22	50	28					
Concentration of Nitrogen Oxides								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	28-Mar	9-Aug	5-Feb					
Date of measurement result obtained	20-Apr	15-Sep	5-Mar					
Measurement result (ppm)	25	24	29					
Removal date of accumulated soot and dust from the cooling unit and emission gas treatment unit								
Date of removal of soot and dust	7/17~7/21							

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WASTECH DIVISION

Measurement Result of Emission Gas and Date of Removal of soot and dust (FY2023)

(KANAGAWA)

[No.2 Incinerator]

	1st	2nd	3rd	4th	5th	6th	7th	8th
Concentrations of Dioxins								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	10-Jul							
Date of measurement result obtained	4-Aug							
Measurement result (ng-TEQ/m3N)	0.022							
Concentrations of Soot								
Concentration of Sulfur Oxides								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	13-Apr	6-Jun	10-Jul	9-Aug	17-Oct	15-Dec	19-Mar	
Date of measurement result obtained	16-May	3-Jul	4-Aug	15-Sep	17-Nov	18-Jan	2-May	
Measurement result (volppm)	25.000	30	19	34	12	30	29.0	
Concentration of Sulfur Oxides								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	13-Apr	10-Jul	17-Oct	19-Mar				
Date of measurement result obtained	16-May	4-Aug	17-Nov	2-May				
Measurement result (g/m3N)	<0.001	<0.001	<0.001	<0.001				
Concentration of Hydrogen Chloride								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	13-Apr	10-Jul	17-Oct					
Date of measurement result obtained	16-May	4-Aug	17-Nov					
Measurement result (mg/m3N)	11	27	17					
Concentration of Nitrogen Oxides								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	13-Apr	17-Oct						
Date of measurement result obtained	16-May	17-Nov						
Measurement result (ppm)	25	35						
Removal date of accumulated soot and dust from the cooling unit and emission gas treatment unit								
Date of removal of soot and dust	4/21~4/29							

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WASTECH DIVISION

Measurement Result of Emission Gas and Date of Removal of soot and dust (FY2023)

(KANAGAWA)

[No.3 Incinerator]

		1st	2nd	3rd	4th	5th	6th	7th	8th
Concentrations of Dioxins									
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	11-Jan							
	Date of measurement result obtained	13-Feb							
	Measurement result (ng-TEQ/m3N)	0.027							
Concentrations of Soot									
	Concentration of Sulfur Oxides								
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	25-May	10-Jul	17-Nov	11-Jan	5-Feb			
	Date of measurement result obtained	27-Jun	4-Aug	22-Dec	13-Feb	5-Mar			
	Measurement result (volppm)	1.6	42	16	18	5.5			
	Concentration of Soot and Dust								
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	25-May	17-Nov	11-Jan					
	Date of measurement result obtained	27-Jun	22-Dec	13-Feb					
	Measurement result (g/m3N)	<0.001	<0.001	<0.001					
	Concentration of Hydrogen Chloride								
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	25-May	17-Nov	11-Jan					
	Date of measurement result obtained	27-Jun	22-Dec	13-Feb					
	Measurement result (mg/m3N)	5.8	38	8.8					
	Concentration of Nitrogen Oxides								
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	25-May	17-Nov						
	Date of measurement result obtained	27-Jun	22-Dec						
	Measurement result (ppm)	27	42						
Removal date of accumulated soot and dust from the cooling unit and emission gas treatment unit									
	Date of removal of soot and dust	6/5~6/10							