21

22

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(1)

(2)

(1)

(2) ( )

(1) (

(2)

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( ) 10

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(1)

(26)

21
18 19
17

					21						17
					6 12 15	7 17 21		18 7 6 10	19 7 17 18		
					1			1			
	g/m^3*N*	0.08	0.08								0.003
	ppm	340	340		15	12		13	28		20
	ppm	250	85		35	33		33	27		15 48
	ppm	430			25	20		13	20		10
	ppm				25	10		15	18		72
	mg/m^3*N*		10								0.010
	mg/m^3*N*		1								
	mg/m^3*N*										0.004
	mg/m^3*N*										
	mg/m^3*N*										
	ppm				2.7	2.5		3.6	2.2		0.4 3.0
	ppm								0.2		0.5
	ppm							0.55	0.08		0.89
	ppm										0.15
	ppm				2.4	2.9		2.4	1.1		0.9 6.1
	ppm										0.0007
	mg/m^3*N*										
PCB	mg/m^3*N*										
	mg/m^3*N*					0.012					0.013
	mg/m^3*N*										
	ppm		10								
(a)	μg/m^3*N*										0.0004
		100,000			320	280		570	890		140 1,800
	ppm		9.5								
	mg/m^3*N*		0.25								
	mg/m^3*N*										-
	ng-TEQ/ *N*	1		1 6 12 2 5 8	0	0		0.0000004	0		0 0.019
				1 7 16 2 7 17	0	0					
				1 11 27 2 11 30	0.000019	0.000000060					

12%

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		21	
		6 12	7 17
		1	
	g/m^3N	4.4	3.0
	ppm	44	39
	ppm	71	73
	ppm	320	280

		17
18 7 6	19 7 17	
1		
4.2	4.0	0.62 14
28	46	53
74	67	24 180
78	140	58 710

12%

21 (52)

19 (52)

17 (52)

			21 9 8		1 19 9 3
		45	27.2	27.3	10.9 41.1
pH		5 9	6.7	7.4	6.7 8.4
(BOD)	/L	600	28	21	100
(COD)	/L	-	22	25	46
SS)	/L	600	21	21	
	/L	30			2
	/L	5			0.08
	/L	3	0.06	0.07	0.1
	/L	2		0.01	0.48
( )	/L	10			3.6
( )	/L	10			2.0
	/L	2	0.11		0.51
	/L	120	8.31	8.76	2.05 23.4
	/L	-	4.82	3.24	10.0
	/L	-	3.46	5.08	17.9
	/L	-		0.44	10.3
	/L	-	0.03		8.63
	/L	16	0.19	0.33	0.38
	/L	220	5	5	83
	/L	0.1			
	/L	1			0.07
	/L	1			
	/L	0.1			0.03
	/L	0.5			0.15
	/L	0.1			

			21 9 8		1
	/L	0.005			0.001
	/L				
(PCB)	/L	0.003			
	/L	0.3			
	/L	0.1			
	/L	0.2			
	/L	0.02			
1,2-	/L	0.04			
1,1-	/L	0.2			
-1,2-	/L	0.4			
1,1,1-	/L	3			
1,1,2-	/L	0.06			
1,3-	/L	0.02			
	/L	0.1			
	/L	0.03			
	/L	0.2			
	/L	0.06			
	/L	0.1			
	/L	8	0.40	0.26	6.4
	/L	10	0.17	0.15	5.1
	/L	-	850	570	490 13,000
	/L	-	470	200	7.3 2,800
	/L	-	260	36	17 2,200
	/L	-	0.41	0.06	0.05 76
	/L	-	1,800	1,100	530 10,000
	/L	-	470	300	74 14,000
	/L	-		1	69
	/L	-	4,000	2,400	1,500 63,000
	pg-TEQ/L	10	0.099	0.031	0.00066 4.2

21 21 7 16 19 7 17

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21

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17

B&E

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		21
		7 16
	-	29.9
	10	1.9
	-	1.5
	(ng-TEQ/g)	0.017

	17
19 7 17	
29.7	26.8 63.2
4.2	0.5 6.0
1.5	1.00 1.79
0.0063	0.00026 0.038

		21
		7 16
	-	73.7
	10	
	-	1.1
	(ng-TEQ/g)	0.42

	17
19 7 17	
81.3	45.9 84.1
1.1	0.85 1.49
0.15	0.00029 1.6

		21	
		7 16	
	mg/L	mg/L	mg/kg
	-	-	23.5
	0.005		4.4
	0.3	0.02	670
	0.3		59
	-	-	180
	1.5		
	0.3		5.8
PCB	0.003		
	-		270
	-	1.9	5,600
	-	1.8	560
	-	0.17	-
	0.		-
	0.3		-
	0.3	0.001	1.3
	-	-	1.1
H	-	12.2	-
	(ng-TEQ/g)	0.18	

		17	
19 7 17			
mg/L	mg/kg	mg/L	mg/kg
-	21.0	-	11.5 59.4
	4.6	0.0039	0.51 30
	500	0.12	100 3,100
	24	0.01	5.7 93
	150	-	81 580
		-	-
	7.5		3.1 39
	310	0.1	180 880
0.1	4,200	15	1,800 15,000
1.9	850	12	160 2,300
0.12	-	0.68	-
	-		-
	-		-
0.006	3.0	0.03	9
-	0.99	-	0.99 1.79
12.3	-	9.9 12.7	-
0.20		0.094 0.79	

5

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10

3ng-TEQ/

(2) ( )

21
19
17

1

	21		17		21		17
	7 16	19 7 17			7 16	19 7 17	
	mg/kg	mg/kg	mg/kg		mg/kg	mg/kg	mg/kg
	0.016		2.0		0.18	0.19	570
	150	97	28 1,100		430	180	10 5,700
	4.4	0.8	0.9 32		28	4.1	4.9 730
	290	150	94 470		790	190	76 2,700
	1.0	1.7	0.8 3.7		2.3	3.6	47
	0.6		1.5				2.4
PCB				PCB			
	1,300	630	180 13,000		230	180	68 13,000
	1,400	860	360 6,700		2,500	2,600	200 33,000
	97	100	79 340		490	180	86 1,600
			1.0		0.9	2.0	5.3

9

		21		17
		7 16	19 7 17	
	B_2O_3	0.02	0.02	0.06
	SiO_2	23.7	26.4	15.0 32.7
	Na_2O	2.36	2.86	1.94 4.71
	K_2O	1.11	1.47	1.13 3.24
	CaO	30.1	30.3	22.7 35.4
	MgO	3.14	3.17	2.57 3.98
	Al_2O_3	15.9	16.2	11.6 20.5
	TiO_2	2.20	1.10	1.00 1.82
	Fe_2O_3	5.74	4.51	2.62 8.71
	P_2O_5	2.76	2.28	1.82 4.94
	Cl	0.62	0.47	0.24 1.19
	S	0.1	0.3	0.5
	C	1.73	2.21	0.37 3.6
	SO_4^{2-}	0.4	0.5	1.4
	CO_3^{2-}	4.4	5.2	1.2 7.7

(2)

21 13

20

			pg-TEQ/m^3
1		6-10-11	
2		3-16-23	
3		3-18-30	
4		2-26-28	
5		2-9-26	

26.0	71%	8.0mm		1.9m/s

21

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1 (2)

1 (2)

1 (1)
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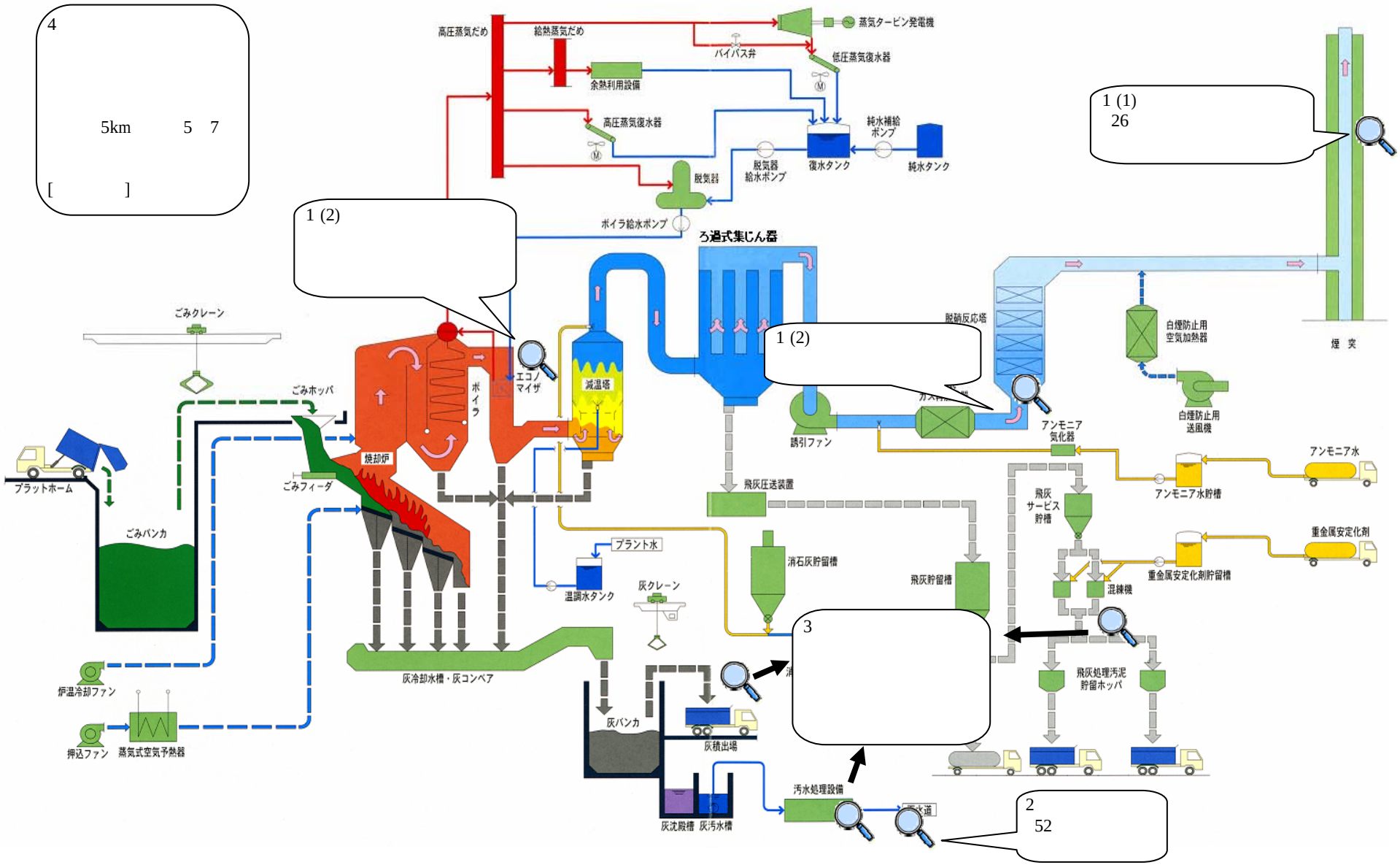
52



	0.001 g/ *N*
	1 ppm
	2 ppm
	2 ppm
	1 ppm
	0.005 mg/ *N*
	0.0005 mg/ *N*
	0.001 mg/ *N*
	0.002 mg/ *N*
	0.0001 mg/ *N*
	0.2 ppm
	0.1 ppm
	0.05 ppm
	0.05 ppm
	0.1 ppm
	0.0005 ppm
	0.002 mg/ *N*
PCB	0.0002 mg/ *N*
	0.005 mg/ *N*
	0.002 mg/ *N*
	0.5 ppm
(a)	0.001 μg/ *N*
	30
	0.2 ppm
	0.01 mg/ *N*
	0.005 mg/ *N*

	0.001 /
	0.01 μg/
	0.001 μg/
	0.001 ppm
	0.001 ppm
	0.001 ppm
	0.001 ppm
	0.001 ppm
	0.001 ppm
	0.1 ppm
	0.0001 μg/
	0.004 ppm
	0.3 ppm

(BOD)	1 mg/L
(COD)	1 mg/L
SS)	1 mg/L
	1 mg/L
	0.05 mg/L
	0.01 mg/L
	0.01 mg/L
( )	0.1 mg/L
( )	0.1 mg/L
	0.04 mg/L
	0.10 mg/L
	0.10 mg/L
	0.10 mg/L
	0.04 mg/L
	0.01 mg/L
	0.05 mg/L
	1 mg/L
	0.01 mg/L
	0.02 mg/L
	0.1 mg/L
	0.01 mg/L
	0.04 mg/L
	0.01 mg/L
	0.0005 mg/L
	0.0005 mg/L
(PCB)	0.0005 mg/L
	0.03 mg/L
	0.01 mg/L
	0.02 mg/L
	0.002 mg/L
1,2-	0.004 mg/L
1,1-	0.02 mg/L
-1,2-	0.04 mg/L
1,1,1-	0.1 mg/L
1,1,2-	0.006 mg/L
1,3-	0.002 mg/L
	0.01 mg/L
	0.003 mg/L
	0.02 mg/L
	0.006 mg/L
	0.01 mg/L
	0.05 mg/L
	0.01 mg/L
	0.5 mg/L
	0.5 mg/L
	0.5 mg/L
	0.01 mg/L
	1 mg/L
	1 mg/L
	1 mg/L
	10 mg/L

3

		0.1%
		0.1%
		0.01
		0.0005 mg/L
		0.0005 mg/L
		0.01 mg/L
		0.01 mg/L
		0.05 mg/L
		0.05 mg/L
		0.01 mg/L
		0.05 mg/L
	PCB	0.0005 mg/L
		0.1 mg/L
		0.1 mg/L
		0.5 mg/L
		0.01 mg/L
		0.001 mg/L
		0.001 mg/L
		0.001 mg/L
		0.005 mg/kg
		0.005 mg/kg
		3.0 mg/kg
		0.3 mg/kg
		20 mg/kg
		0.5 mg/kg
		0.5 mg/kg
		0.5 mg/kg
	PCB	0.005 mg/kg
		3.0 mg/kg
		0.5 mg/kg
		0.5 mg/kg
		0.5 mg/kg
		0.01%
		0.1%
		0.01%
		0.01%
		0.01%
		0.01%
		0.5%
		0.01%
		0.01%
		0.01%
		0.01%
		0.1%
		0.01%
		0.1%
		0.5%