





(1)

18

	(SO <sub>2</sub> ) (NO <sub>2</sub> , NO)	(SPM)	( ) 18 4 1 19 3 31
a	(pH) (CO <sub>2</sub> ) (DO) (T-N) (T-P) (SS)	× 1m 2m	18 4 19 5 9 6 6 7 4 8 2 9 12 10 17 11 16 12 12 19 1 11 2 16 3 14
	(pH)	10 × 1m 2m	18 4 1, 4 7, 9, 10, 12 19, 22 27 5 9 13, 17, 21, 26, 27, 29 31 6 1 3, 5 9, 13 17, 19 23, 27 30 7 1, 3 20, 22, 24 29, 31 8 1 5, 7, 10 12, 19, 21 26, 28 31 9 1 9, 11 15, 19 30 10 1 31 11 1 6, 8 11, 13, 14, 16 18, 20 30 12 2, 5 16, 18 27 19 1 6, 9 26, 28 30 2 2 10, 12, 13, 16 28 3 1 3, 9, 10, 13 23, 29
	(SS) (FSS)		18 4 4, 12, 18, 26 5 9, 17, 21, 30 6 6, 13, 20, 27 7 4, 11, 18, 25 8 1, 10, 19, 22 9 5, 12, 19, 26 10 3, 10, 17, 24, 31 11 8, 16, 21, 28 12 5, 12, 19, 26 19 1 9, 16, 23, 30 2 6, 13, 20, 27 3 9, 14, 20, 29

		(COD) (T-N) (T-P)		18 8 1 19 2 13
		5 50 95 eq	( )	18 4 17 18 10 17 18
		5 50 95 max		
				18 8 1 19 2 13
		(DO) a	, , 10, 11 0.5m 1m 1m 1m	18 5 9, 23 6 6, 20 7 4, 18 8 1, 15, 21, 29 9 11, 26 10 10, 24
			, , 10, 11	
		(pH) (COD) (DO) (T-N) (T-P) (SS) a		18 4 24 5 25 6 21 7 27 8 3 9 26 10 25 11 22 12 14 19 1 17 2 20 3 1
		(COD) (T-N) (T-P)		18 8 3 19 2 20
				18 8 3 19 2 20
				18 9 29 12 8
				18 9 6 11 29 12 12
				18 10 13 19 1 22 2 7
				18 9 6 11 29 12 12
				18 10 13

(1)


(2)

	JIS K 0102 12 1
	JIS K 0102 17
	JIS K 0102 32 1
	JIS K 0102 45 4
	JIS K 0102 46 3
	3 2
	4 3
	5 3
	JIS K 0101 9 4
	JIS K 0102 14 1
a	6 3 1

(3)

	JIS K 0102 14 1
	JIS K 0102 14 4

(4)

	JIS A 1204
	63 127 . 3
	63 127 . 4
	63 127 . 20
	63 127 . 17
	63 127 . 18
	63 127 . 19

(5)

	JIS Z 8731
	11 6
	12 10

(6)

	1mm
	2

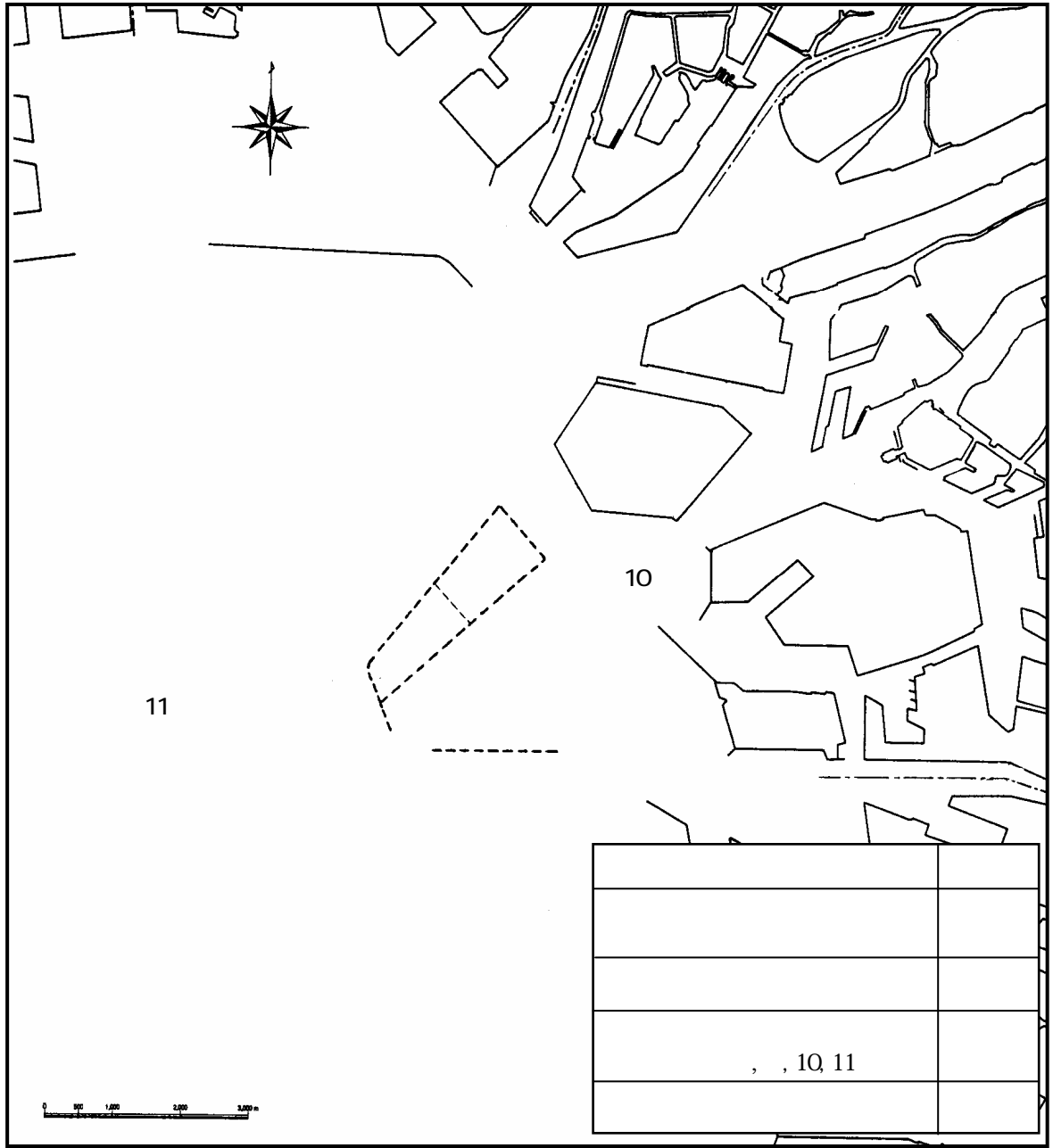
(7)

		ACL1183-PDK( 0.5m 1m 1m
		) 1m
	a	
		ACM210D( 0.5m 1m 1m
	) 1m	
		8mm 15mm

(8)

		JIS K 0102 12.1		
		JIS K 0102 17		
		JIS K 0102 32.1		
		JIS K 0102 45.4		
		JIS K 0102 46.3		
		4.1		
		STD		
		8.2		
		JIS K 0101 9.4		
		46	59	8
	a	9.6.1		
		3	2	3
		63	127	.3
		63	127	.4
		63	127	.20
		63	127	.17
		63	127	.18
		63	127	.19
		1mm		2

(9)

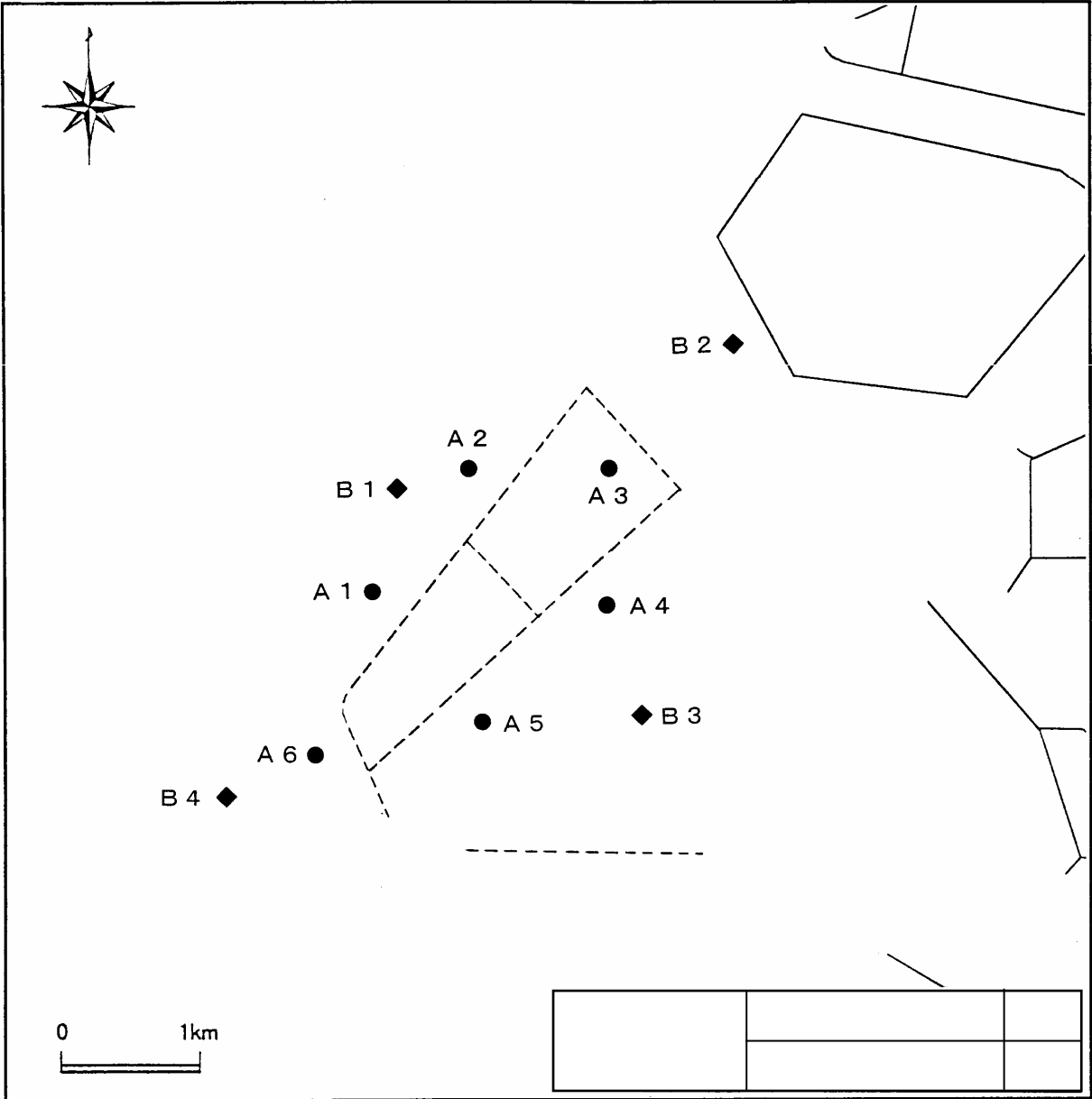



(1)

( )

18



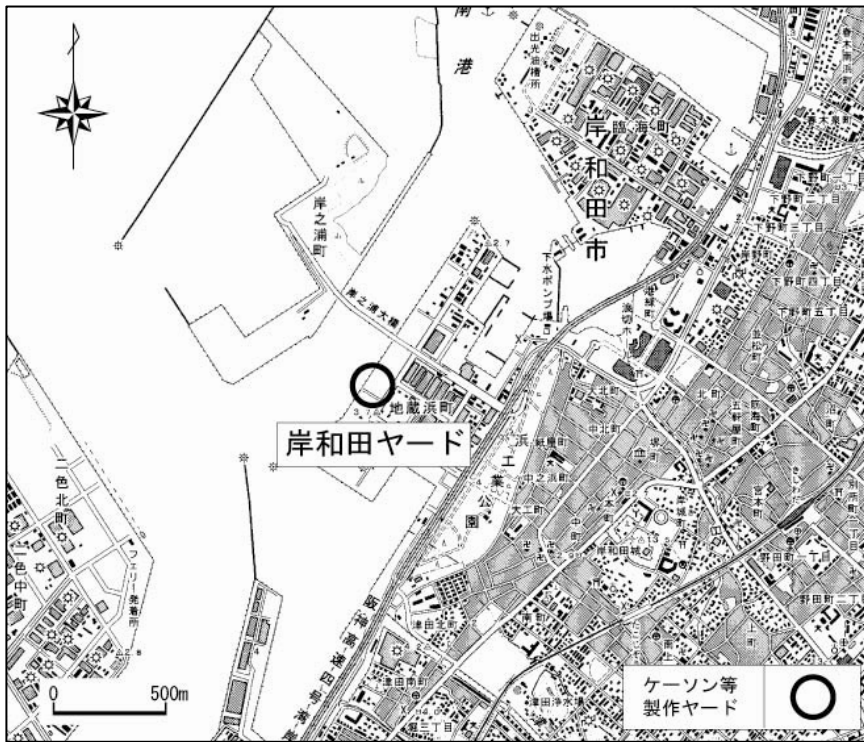
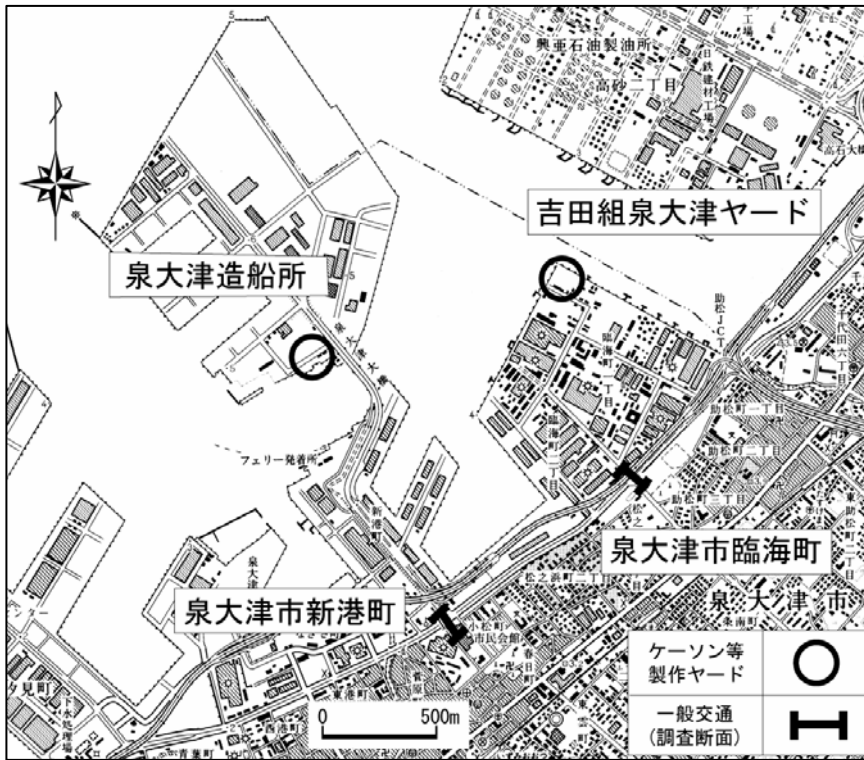


(2)

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18



2 5 1

(3)

(

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18

(1)

18

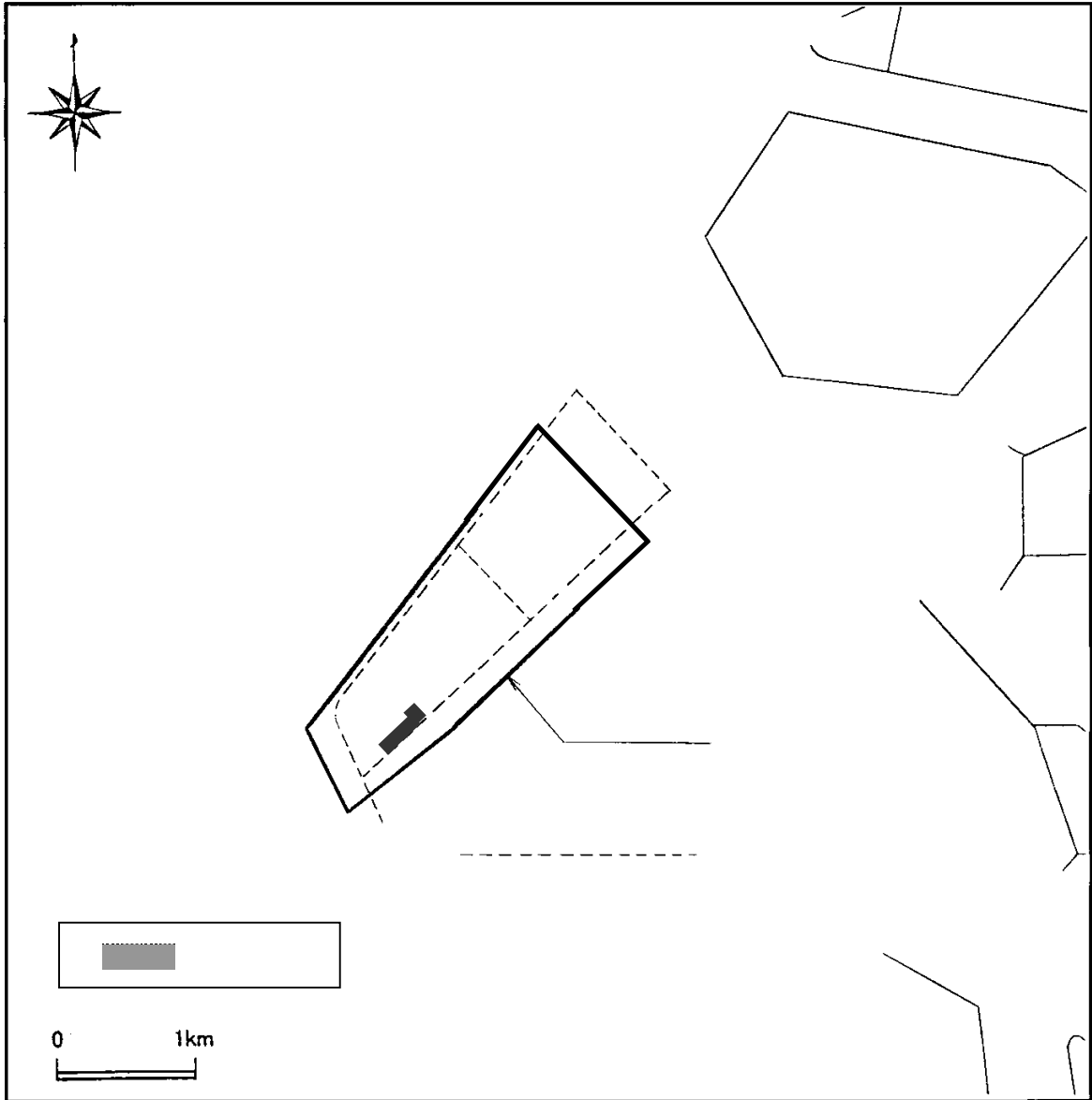
		18					
		4	5	6	7	8	9
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		.					..
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		..					..
		..					..

		18			19		
		10	11	12	1	2	3
		.			.		
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		..			..		

(2)

18 4

		4																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	



(1)

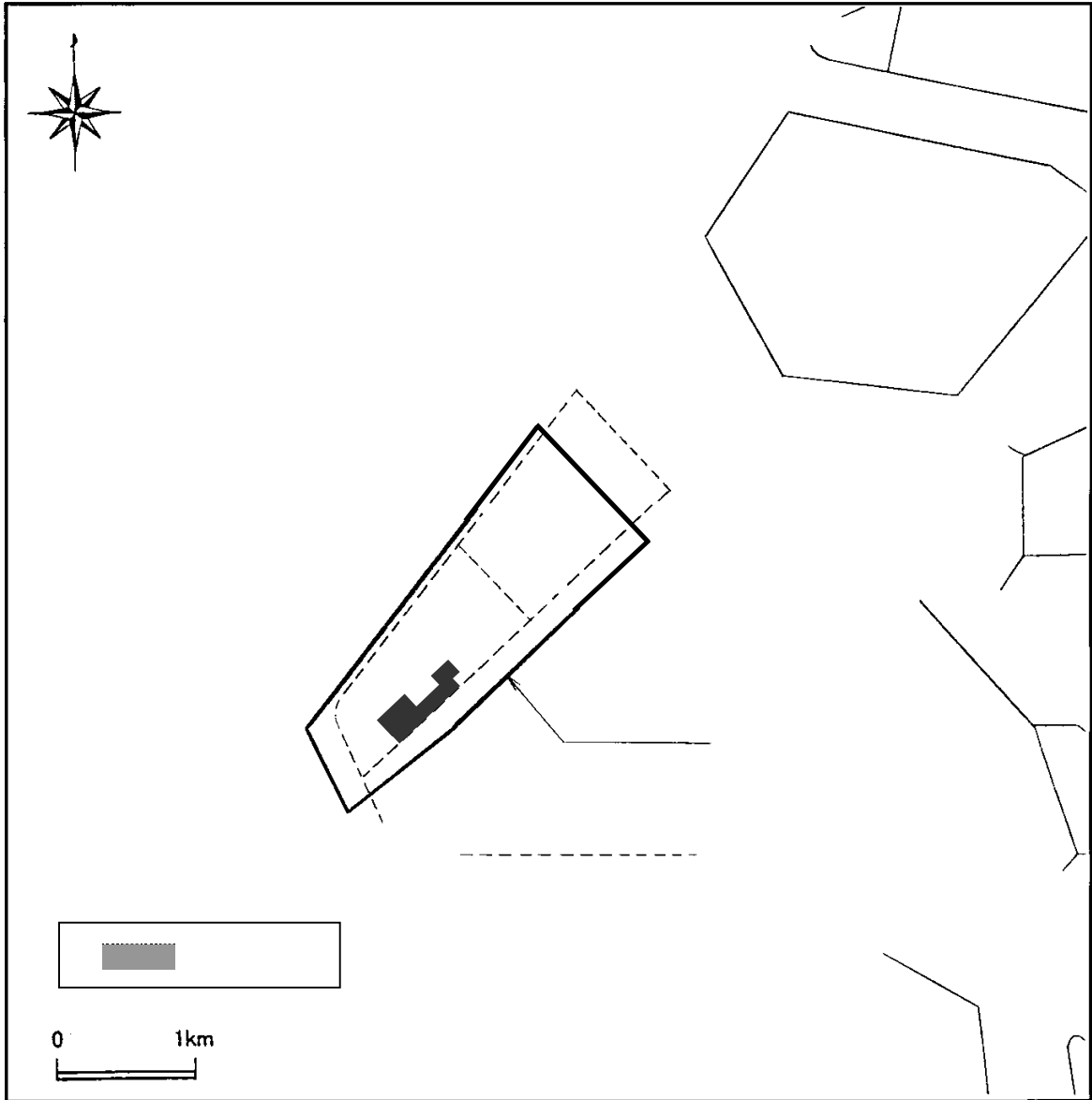
18 4



(4)

18 6

		6																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	



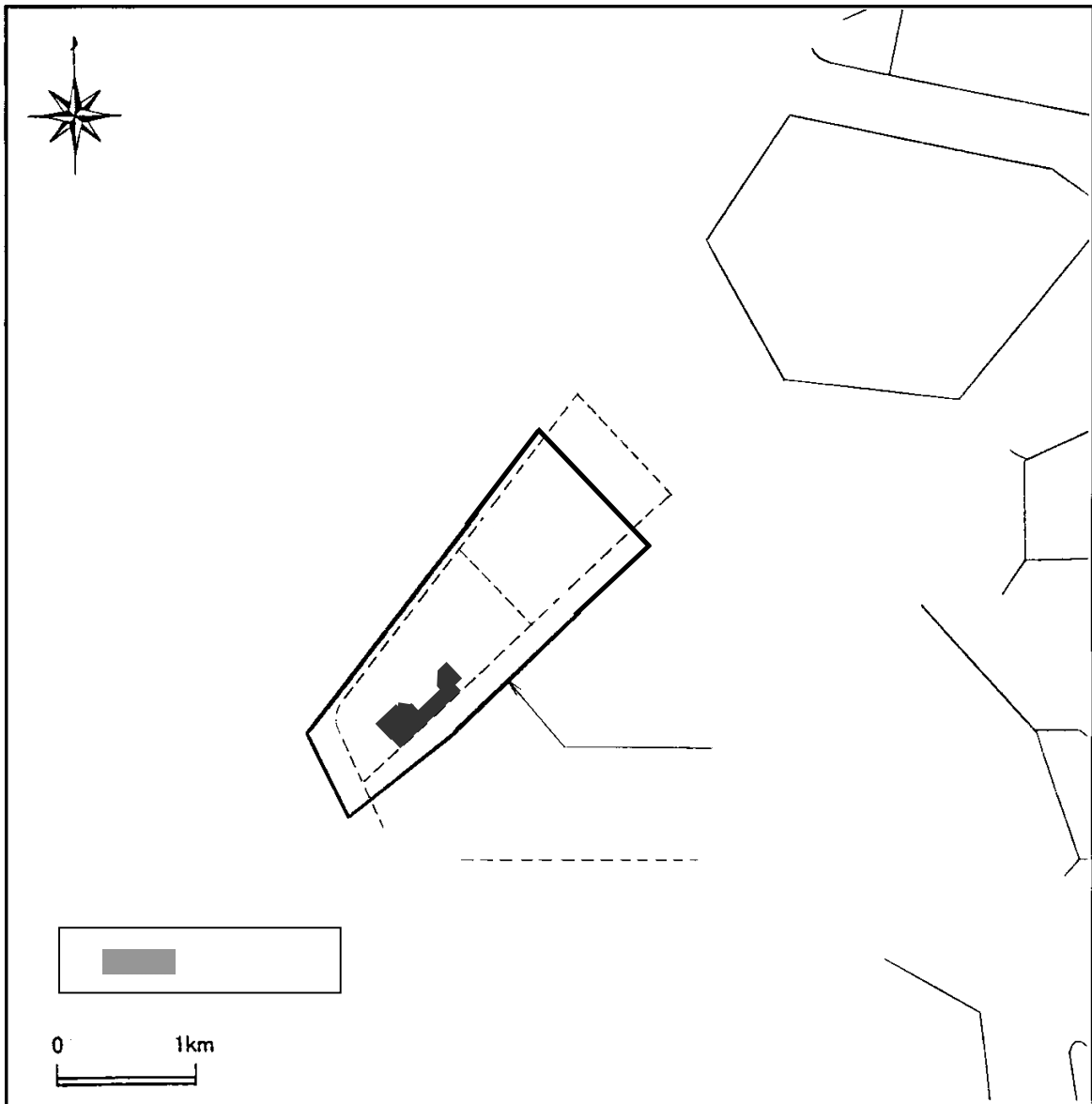
(3)

18 6

(5)

18 7

		7																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		



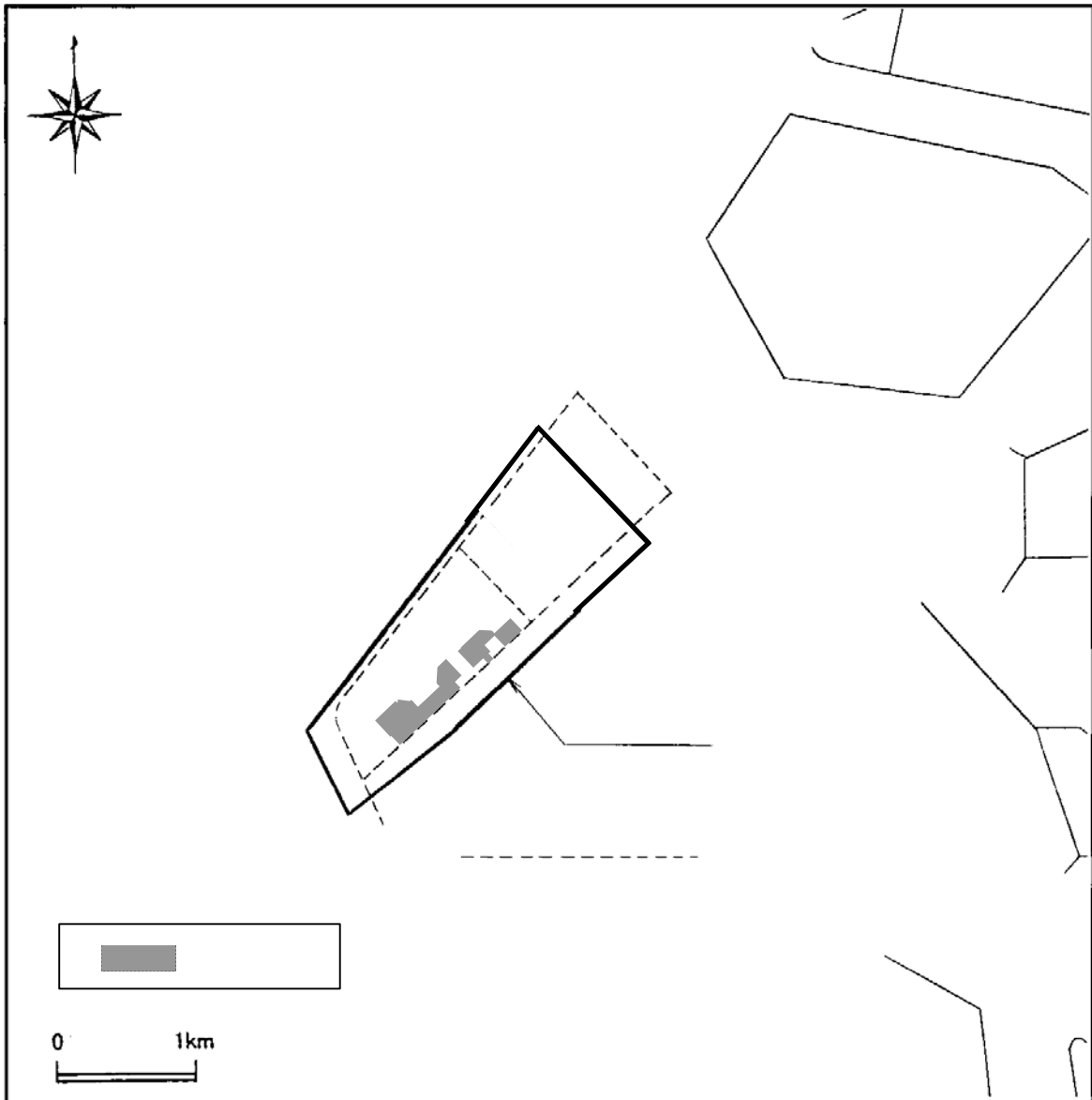
(4)

18 7

(6)

18 8

		8																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
										—	—										—	—													
																																			—



(5)

18 8

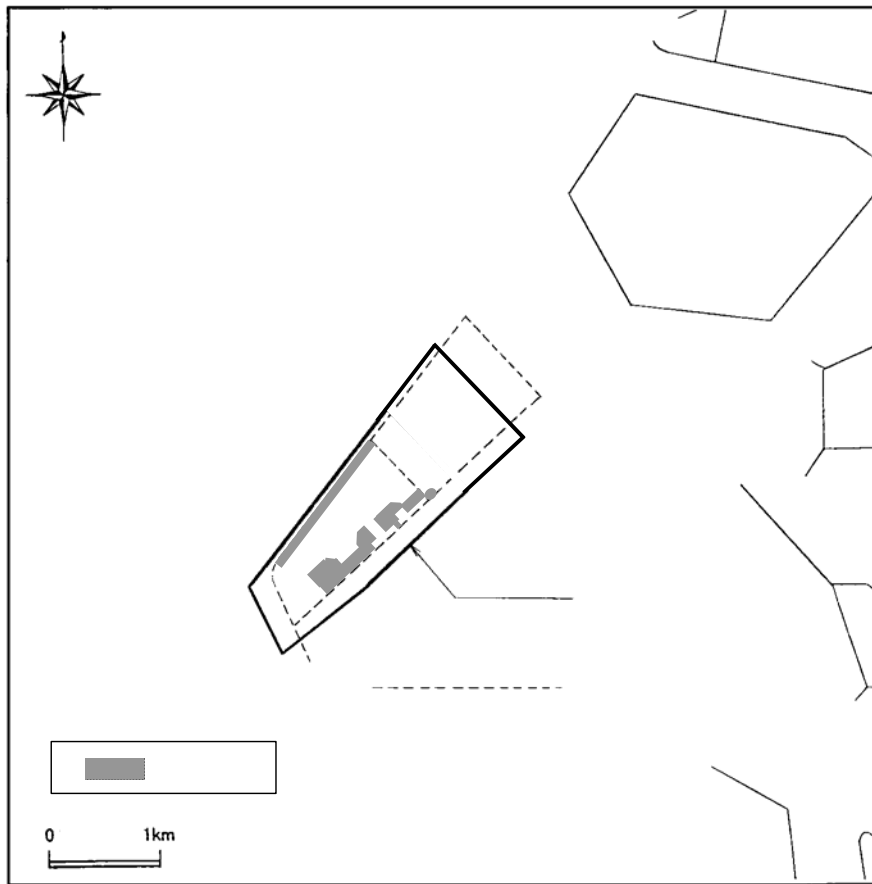




(8)

18 10

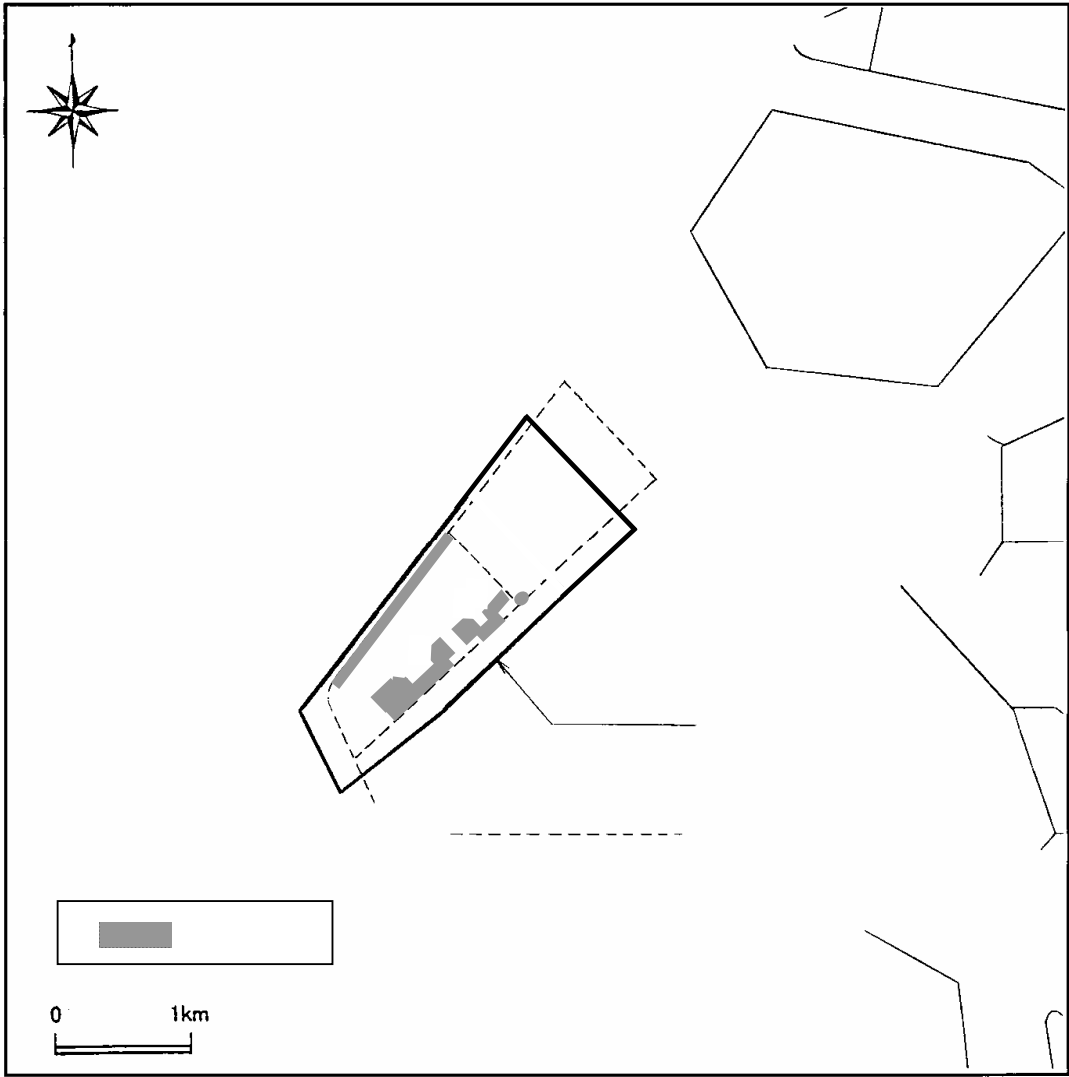
		10																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		



(7)

18 10

		11																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					



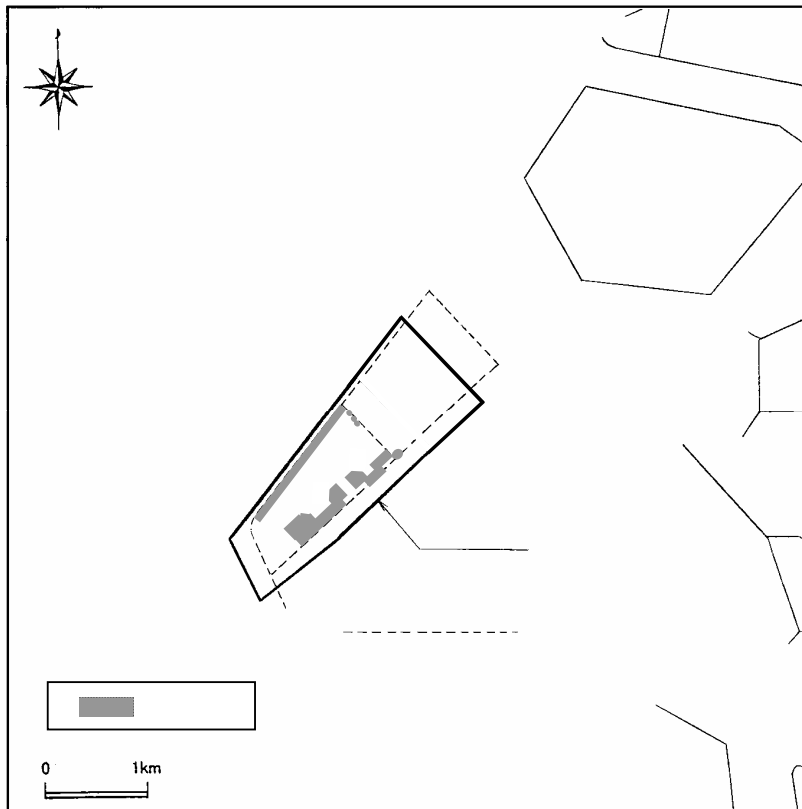
(8)

18 11

(10)

18 12

		12																																				
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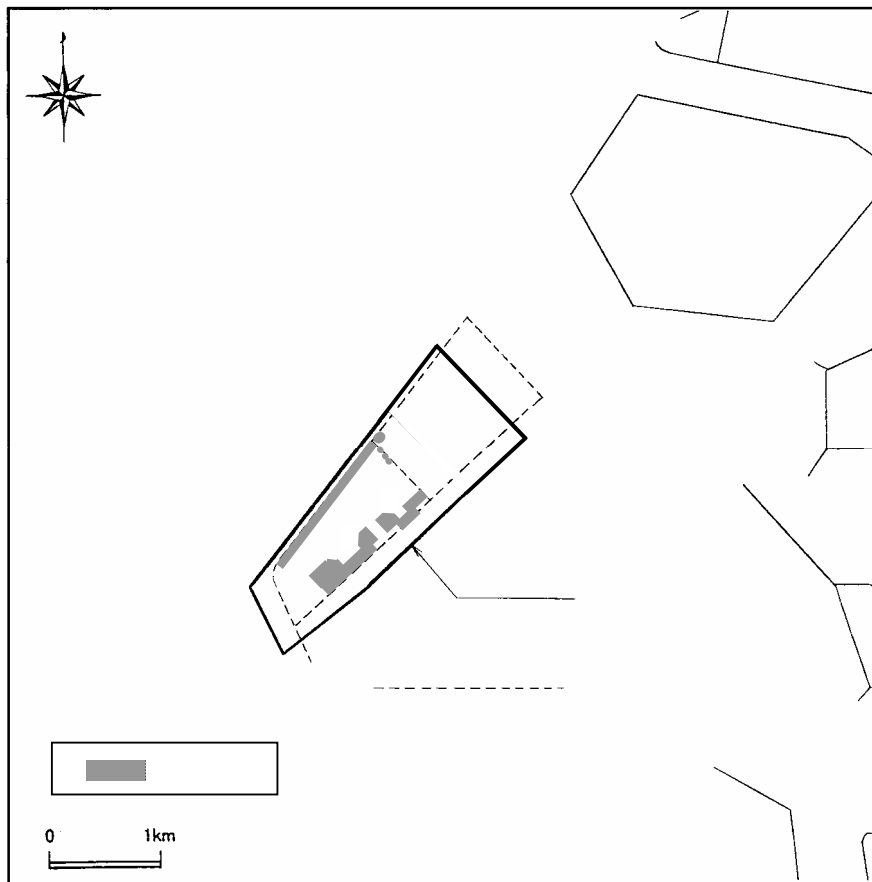
(9)

18 12

(11)

19 1

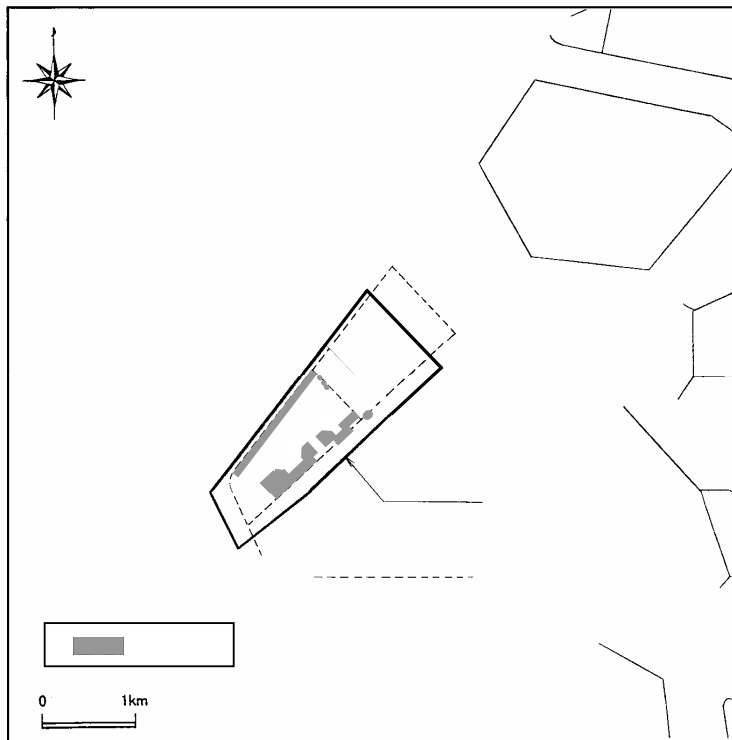
		1																																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						



(10)

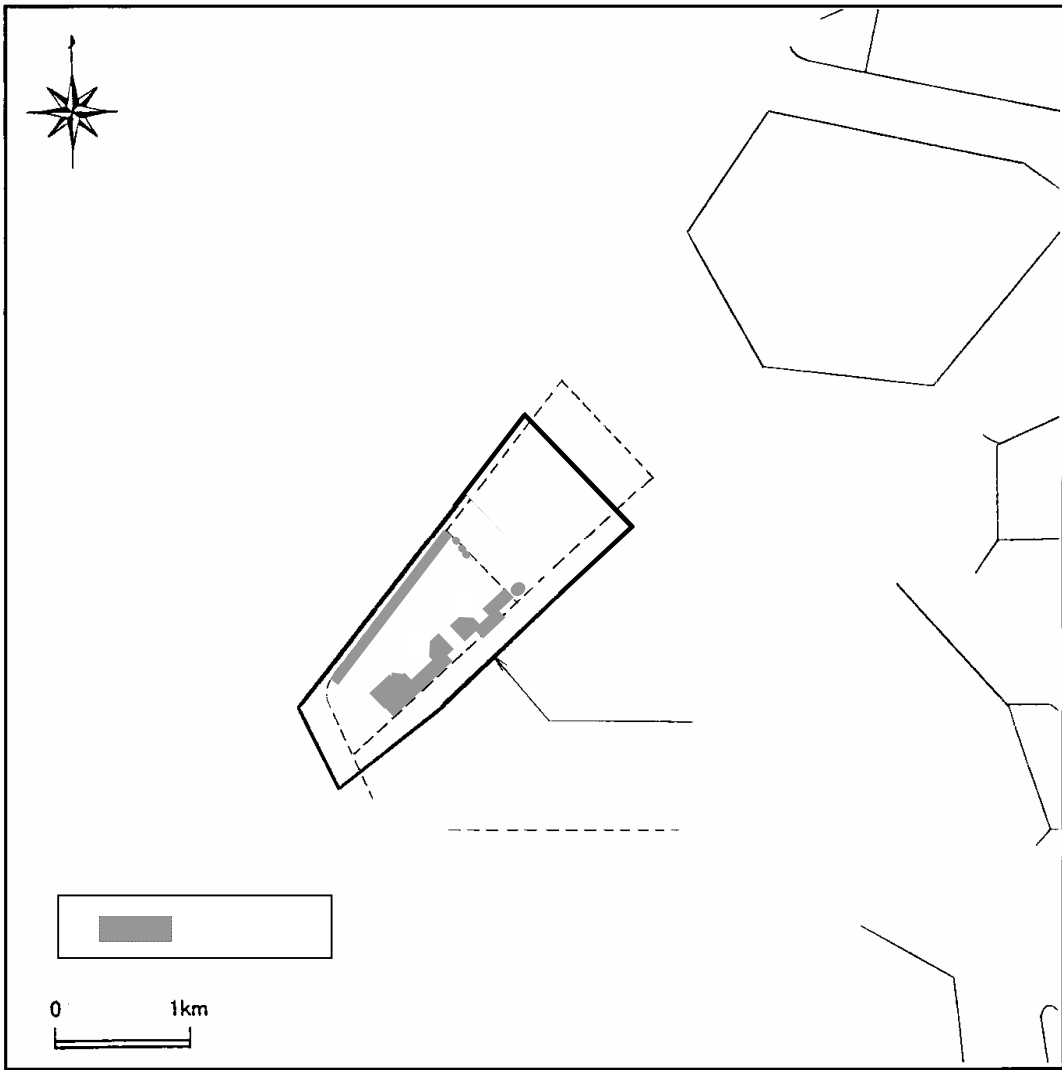
19 1

		2																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	



		3																																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
		-																																				
			-				-	-	-	-			-																									
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		-					-	-	-																													
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							-																															
													-	-	-	-																						
																				-																		





(12)

19 3

18

18


(1)

1)

SO<sub>2</sub>

SO<sub>2</sub>

0.008ppm

0.020ppm

0.049ppm

2)

NO<sub>2</sub>

NO<sub>2</sub>

0.030ppm

0.067ppm

0.099ppm

4

3)

SPM

SPM

0.037ng/m<sup>3</sup>

0.194

ng/m<sup>3</sup>

0.480ng/m<sup>3</sup>

6

(2)

1)

CO

CO

2.0 6.7ng/L

1.5 3.7ng/L

4 8, 2

9

1 4 11

4, 5 1

1, 2, 5 3

1, 2, 4, 5

5

3 5 1

1, 5 2

2

DO

DO

4.1 14ng/L

0.8 10ng/L

9

1, 2

7 9

6, 10

2

T-N

T-P

T-N

0.25 1.1ng/L

0.21 0.77ng/L

T-P

0.025 0.14ng/L

0.013 0.24ng/L

2)

	0.7	25.2	( )		1.1	26.5	( )
	0.7	27.8	( )		1.4	37.2	( )
					3.1		6.8 ( )
	3.1		( )		7.5		( )

(3)

18	8		(COD)	29	32ng/g		0.31	0.78ng/g
(T-N)	2.0	2.5ng/g	(T-P)	0.61	0.67ng/g			
19	2		(COD)	27	31ng/g		0.25	0.57ng/g
(T-N)	1.8	2.6ng/g	(T-P)	0.56	0.60ng/g			

(4)

1)

			Aeq			18	4
	51		50		18	10	50
48							

2)

			50		18	4	74
	18	10	70				

(5)

18	8		3	7		152	365
/0.1			<i>Parapri onospio</i> sp. (A )				
19	2		8	11		421	759
/0.1			<i>Parapri onospio</i> sp. (A )				

(6)

1)

	18	5	10		1m		DO	0.0
6.6ng/L DO		0.1	79.1		13		6	9
		DO	40					8





SO <sub>2</sub>	0.04ppm 0.1ppm
NO <sub>2</sub>	0.04ppm 0.06ppm
SPM	0.10ng/m 0.20ng/m

	pH	7.8 8.3
	COD	3ng/L
	DO	5ng/L
	T-N	0.6ng/L
	T-P	0.05ng/L

	60	50

1. 10 10
- 2.

(1)

18

4 8 5 16

4 9, 24, 25

6 1 2 8, 9 3 3, 23

6 1 2 8, 9 3 3, 23

(1)

18 4 19 3

18	4 8	1  0.480g/m <sup>3</sup>  0.194g/m <sup>3</sup>	14	0.0 4.7m/s ( 2.5m/s)  WSWWW		
	4 9	1  0.233g/m <sup>3</sup>	14 3 (3, 9, 15)	0.2 2.7m/s  1.3m/s  NE, WW		1
	4 24	1  0.233g/m <sup>3</sup>  0.119g/m <sup>3</sup>	14 7 (1, 3, 6, 9, 12, 13, 15)	0.8 5.9m/s  2.3m/s  W		7 0
	4 25	1  0.217g/m <sup>3</sup>	14 2 (3, 15)	0.5 4.8m/s  2.0m/s  WSW		1 3
	5 16	0.057ppm	13 5 (2, 3, 11, 12, 15)	0.1 2.8m/s 1.1m/s NW		

1.

2



(2)

18 4

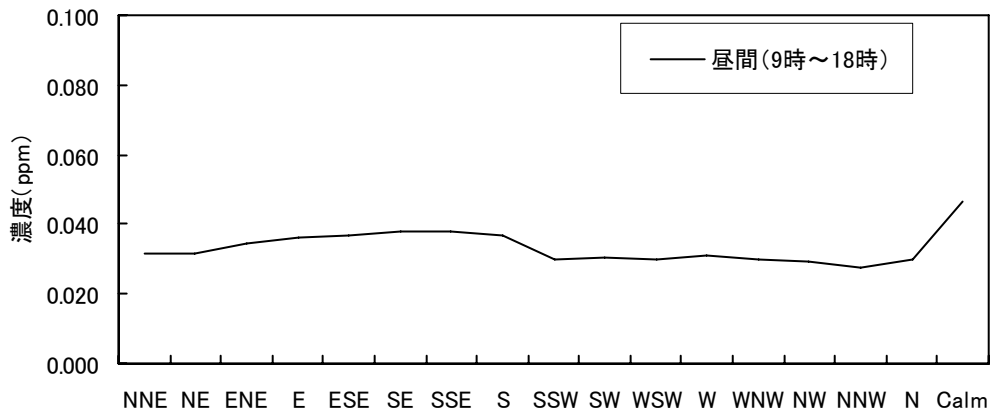
19 3

18	6 1	0.063ppm	13 1 (15)	0.2 4 Or/s 1.1 m/s WN, NNW	
19	2 8	0.063ppm	13 1 (15)	0.2 2.1 m/s 1.0 m/s NNW	
	2 9	0.114ug/m <sup>3</sup>	14 13 (1 11, 13, 15)	0.0 2.0 m/s 0.9 m/s WN, CALM	
	3 3	0.063ppm	12 4 (2, 9, 11, 15)	0.2 2.6 m/s 1.0 m/s WNW	
	3 23	0.102ug/m <sup>3</sup>	14 4 (3, 6, 11, 15)	0.6 2.8 m/s 1.1 m/s SSW, W	5 9  5

1.

2.

【二酸化窒素】

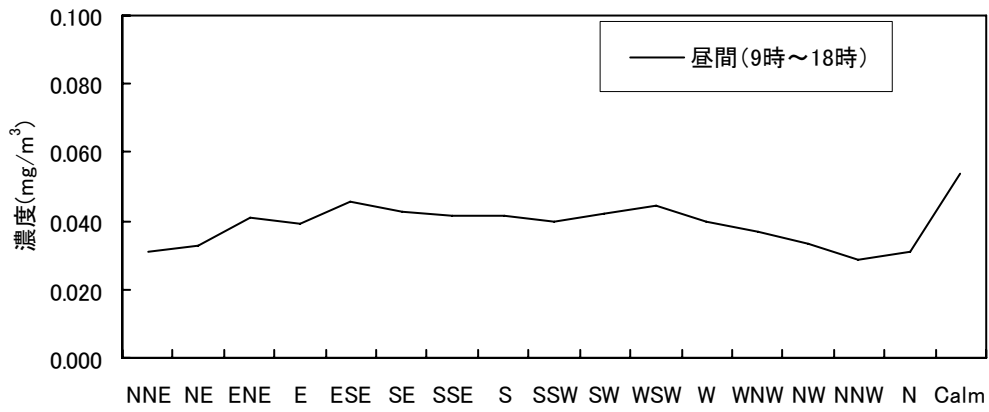


(1)

18 4

19 3

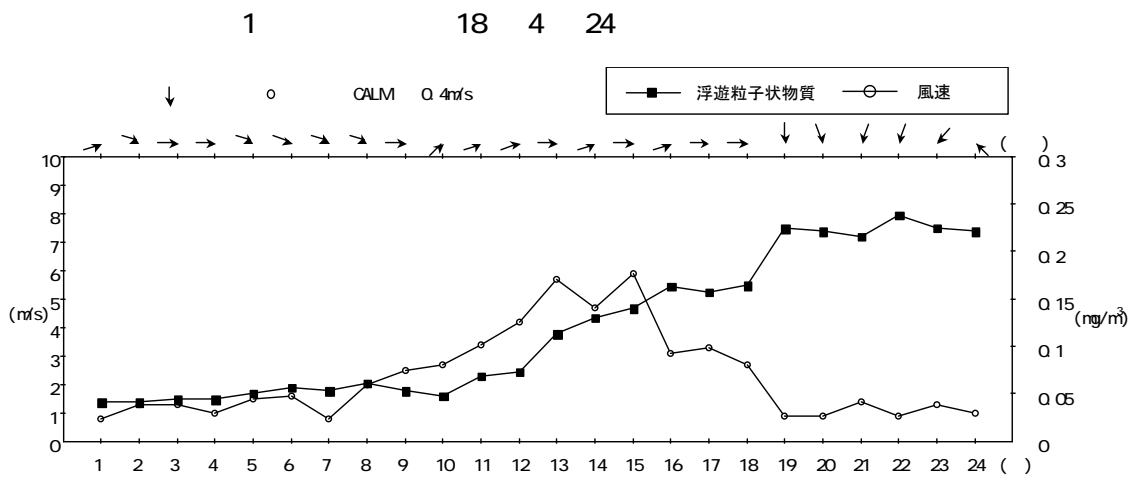
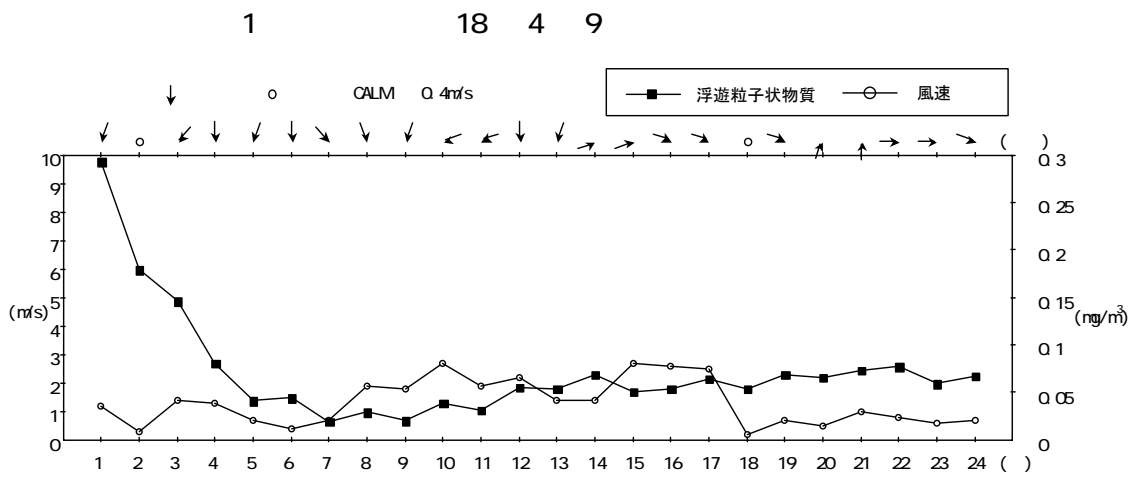
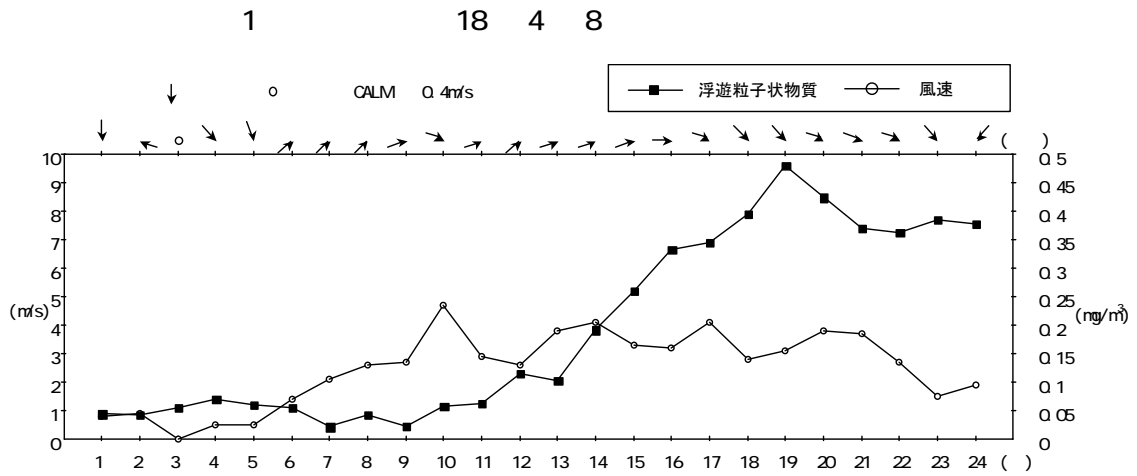
【浮遊粒子状物質】



(2)

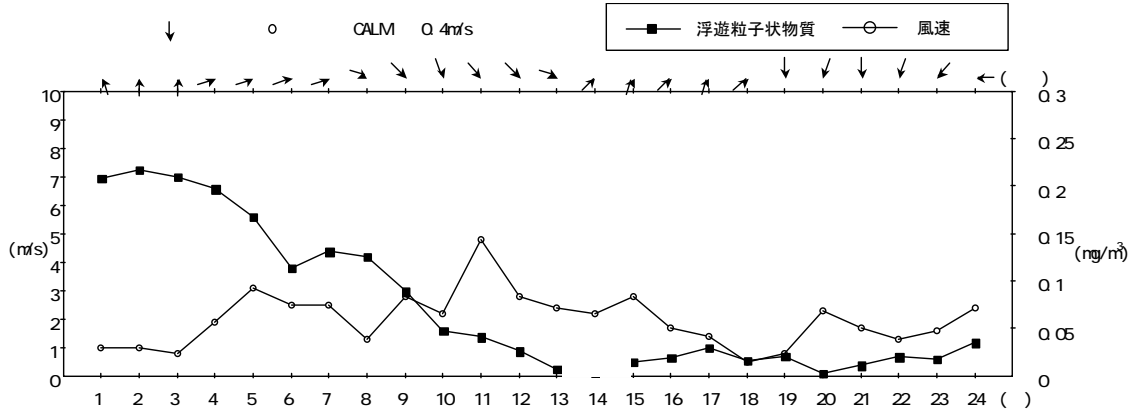
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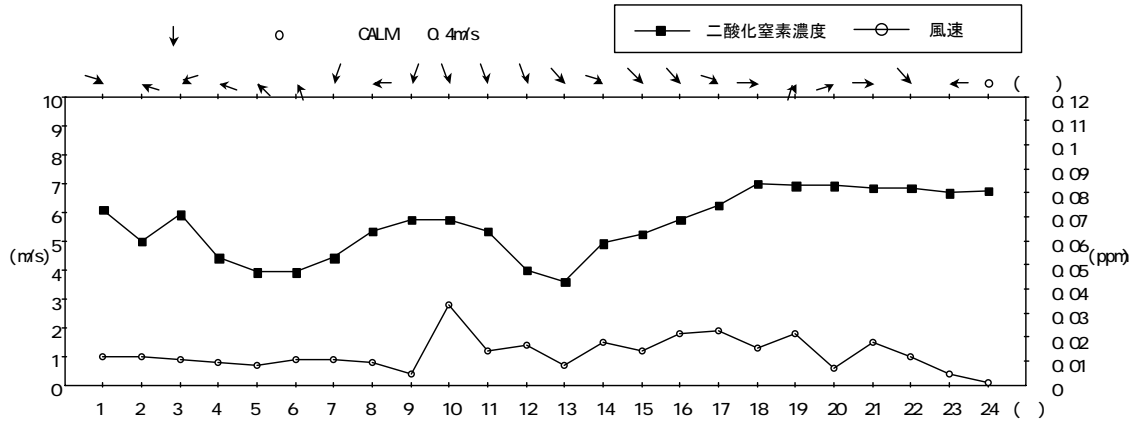


(1)

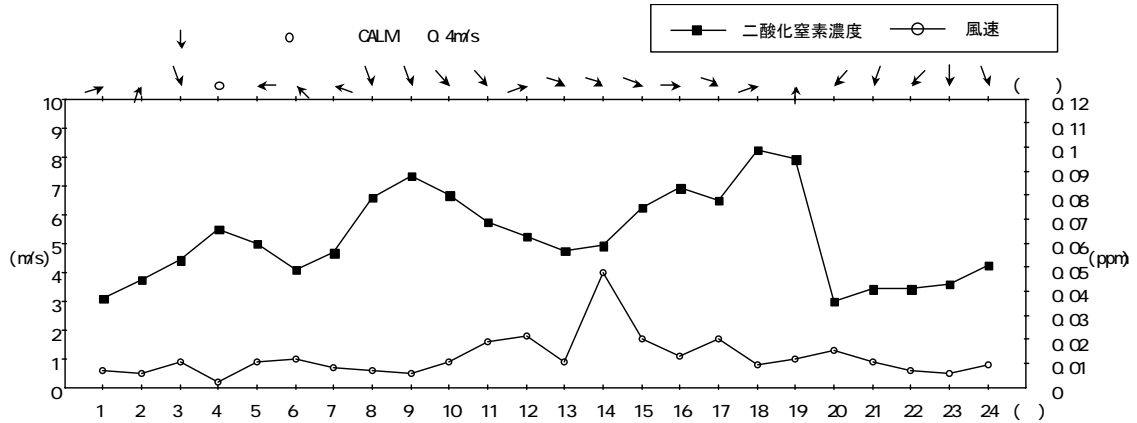
1 18 4 25



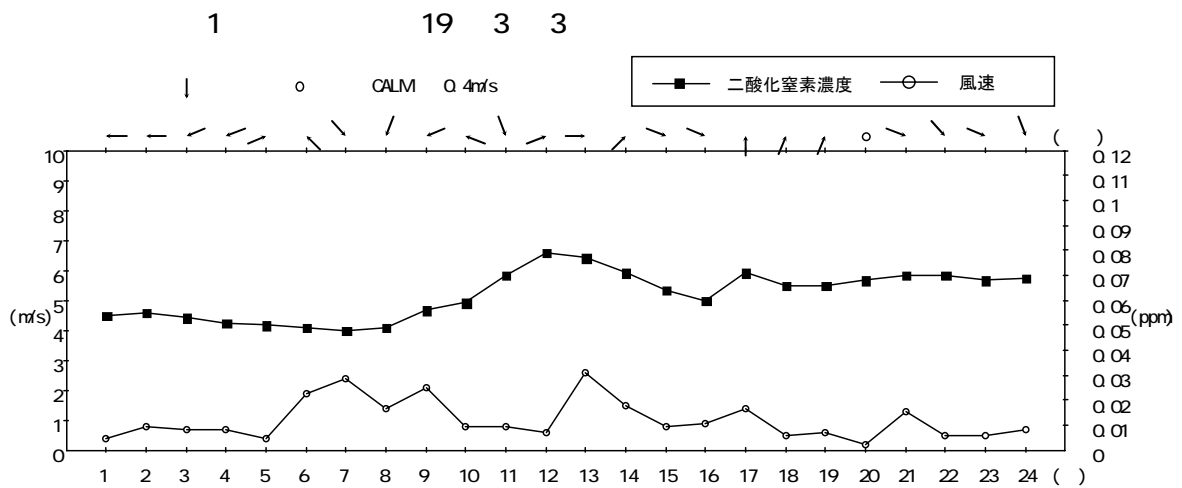
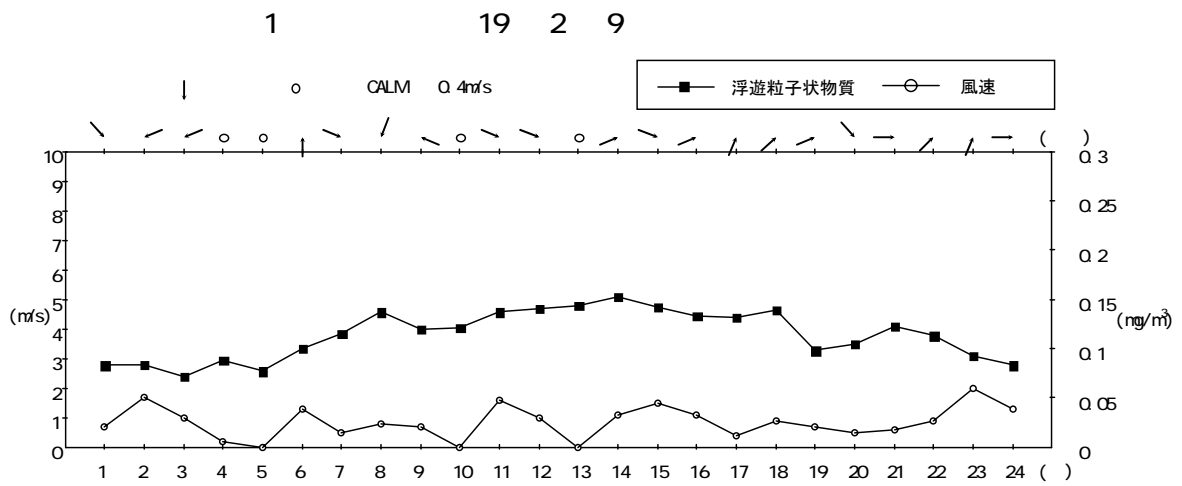
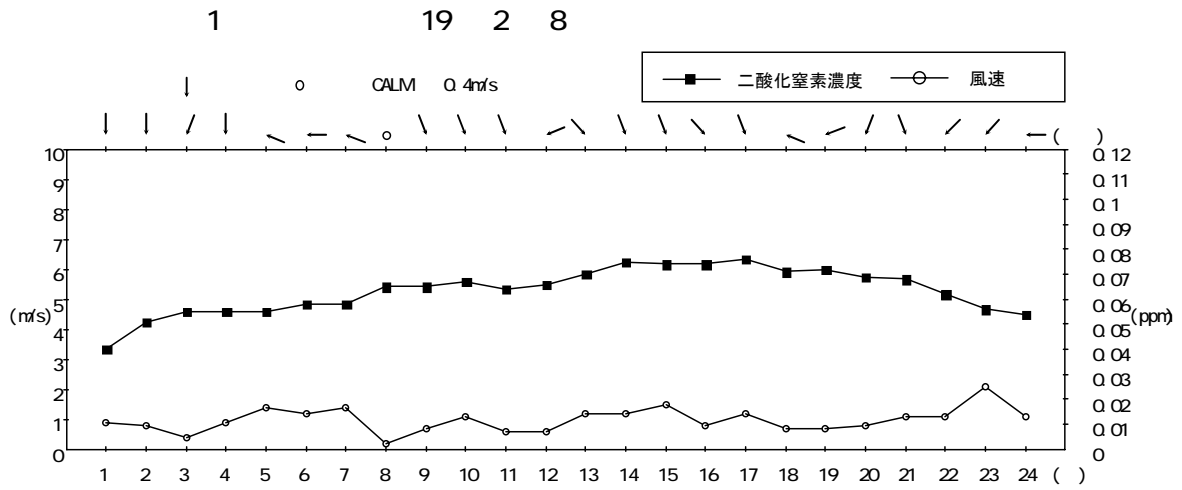
1 18 5 16



1 18 6 1

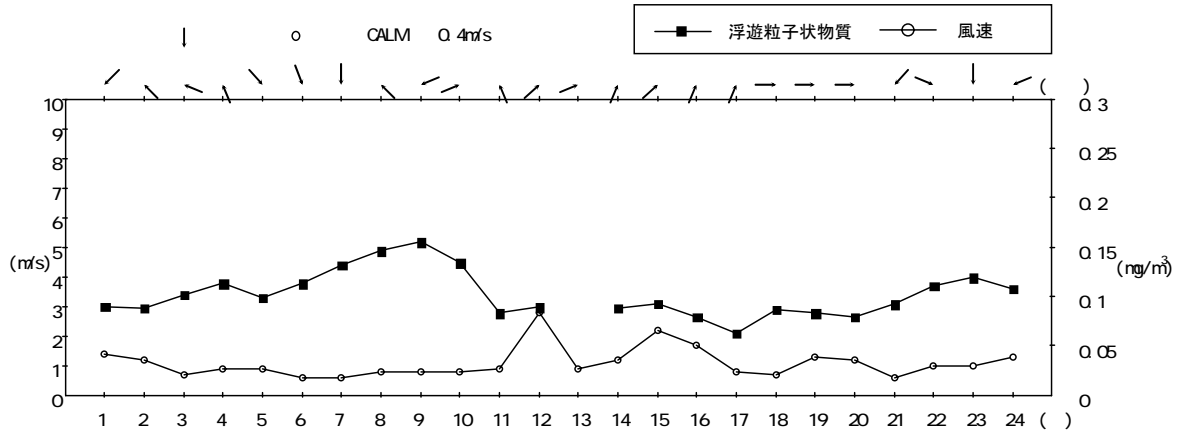


(2)

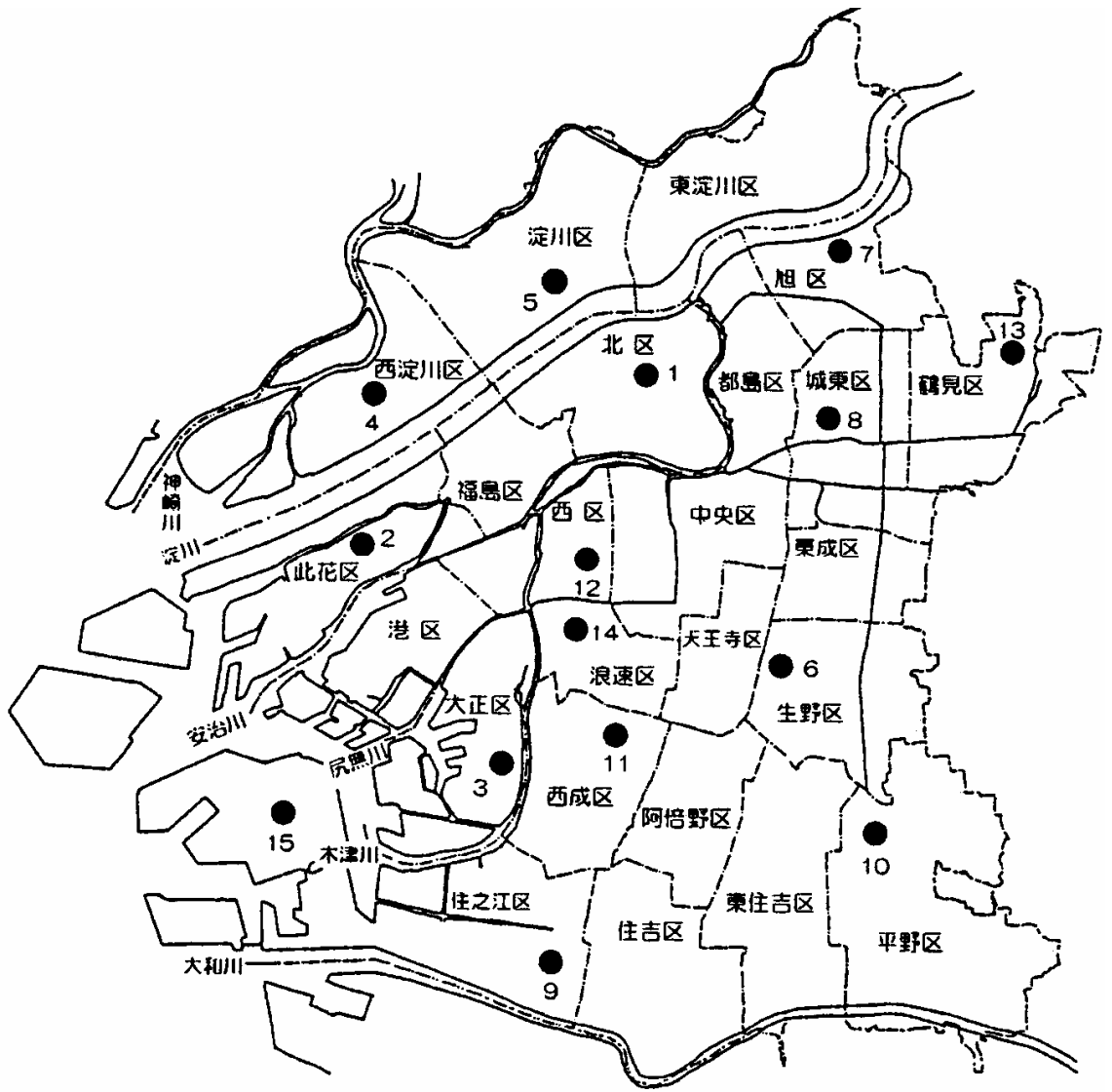


(3)

1 19 3 23



(4)



1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

(2)

1)

12

C-3

8.6ng/L

C-3

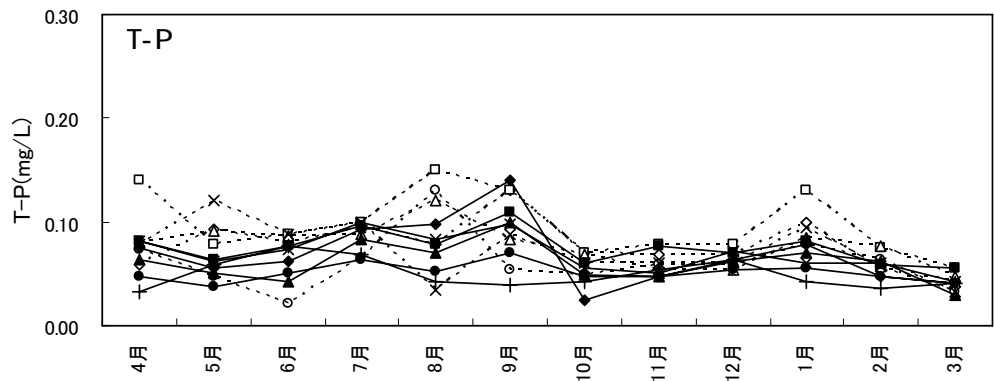
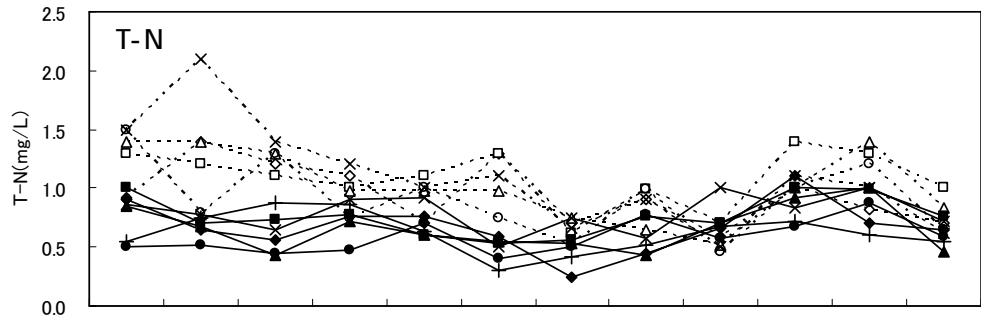
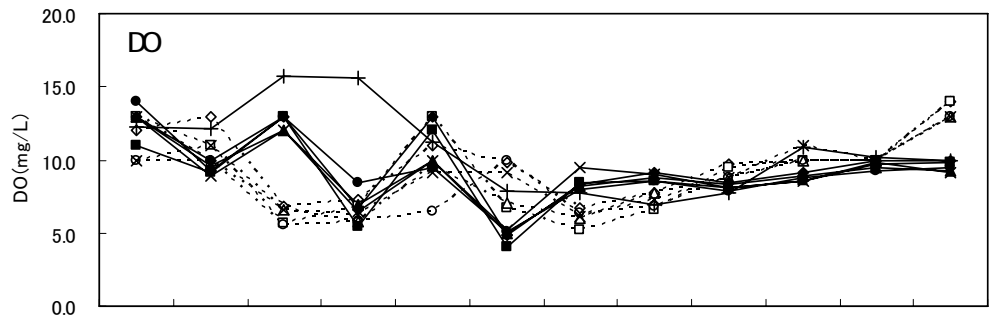
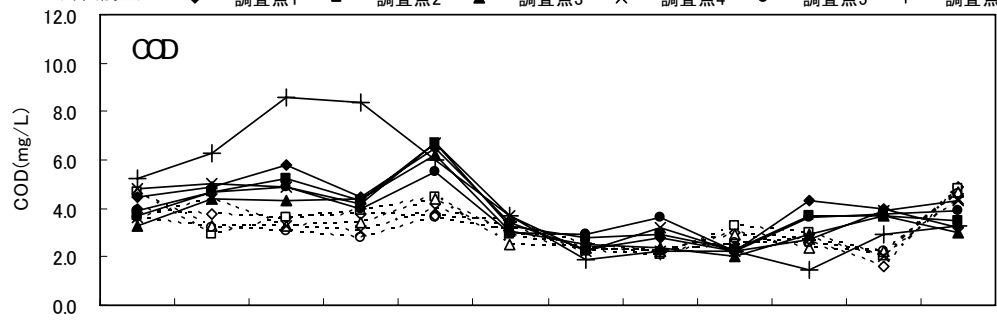
						ng/L
		(m/n)		(m/n)		
(CO)		1.5 8.6 (50/72)	3.9	1.6 4.9 (34/60)		3.2
		0.5 3.7 (6/72)	2.2	1.2 3.6 (4/60)		2.0
(DO)		4.1 16 (2/72)	9.5	5.2 14 (0/60)		9.1
		0.8 10 (20/72)	6.1	0.6 11 (14/60)		6.6
(T-N)		0.25 1.1	0.68	0.46 2.1		1.0
		0.21 0.77	0.35	0.29 0.82		0.47
(T-P)		0.025 0.14	0.063	0.021 0.15		0.077
		0.013 0.24	0.050	0.020 0.25		0.045

m

n

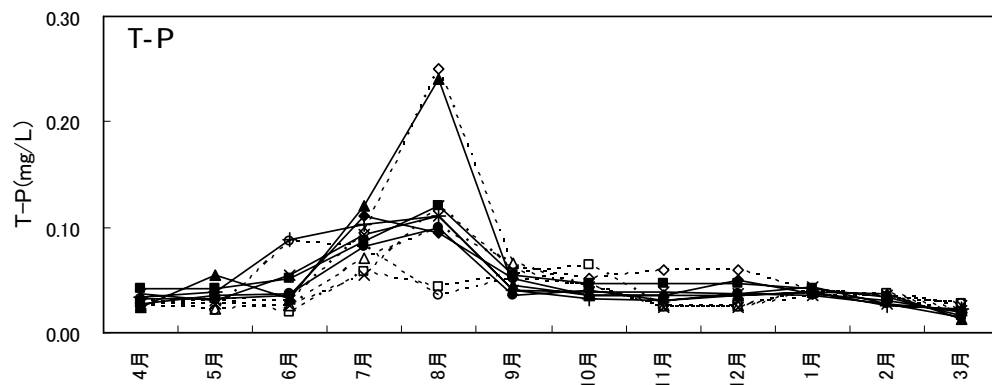
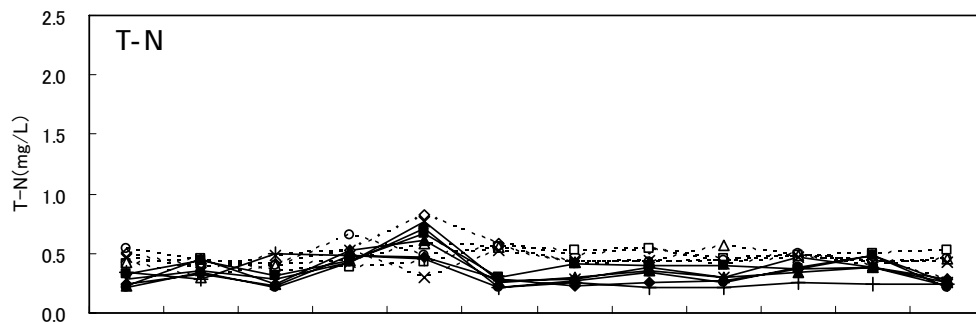
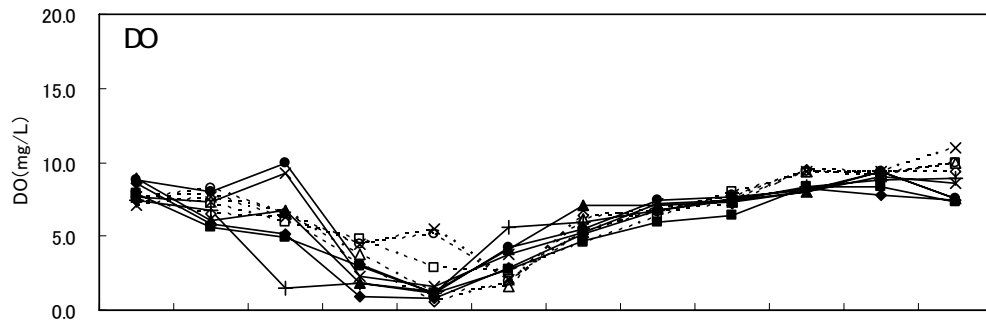
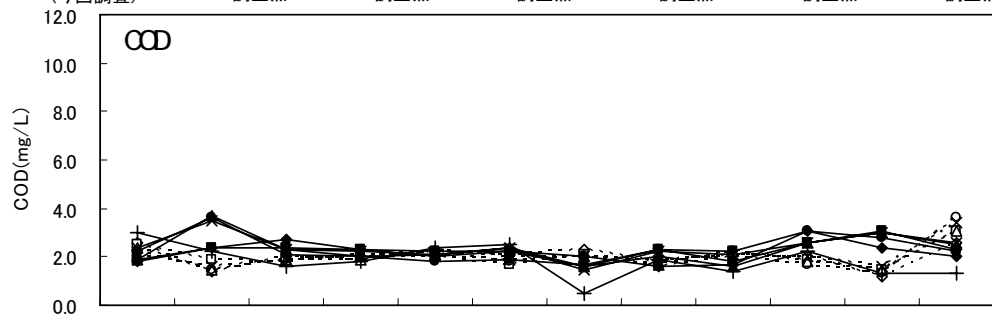


(事業実施前調査) ---◇--- 調査点1 ---□--- 調査点2 ---△--- 調査点3 ---×--- 調査点4 ---○--- 調査点5  
 (今回調査) ---●--- 調査点1 ---■--- 調査点2 ---▲--- 調査点3 ---×--- 調査点4 ---●--- 調査点5 ---+--- 調査点6

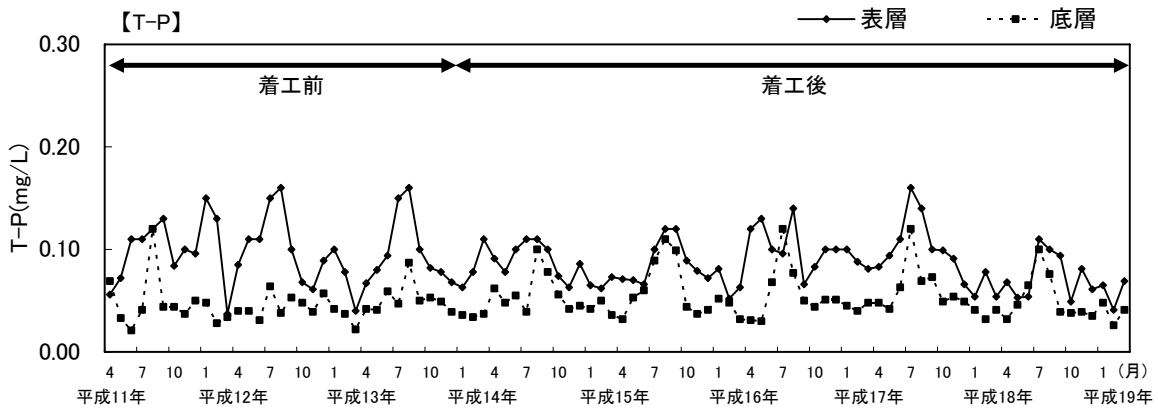
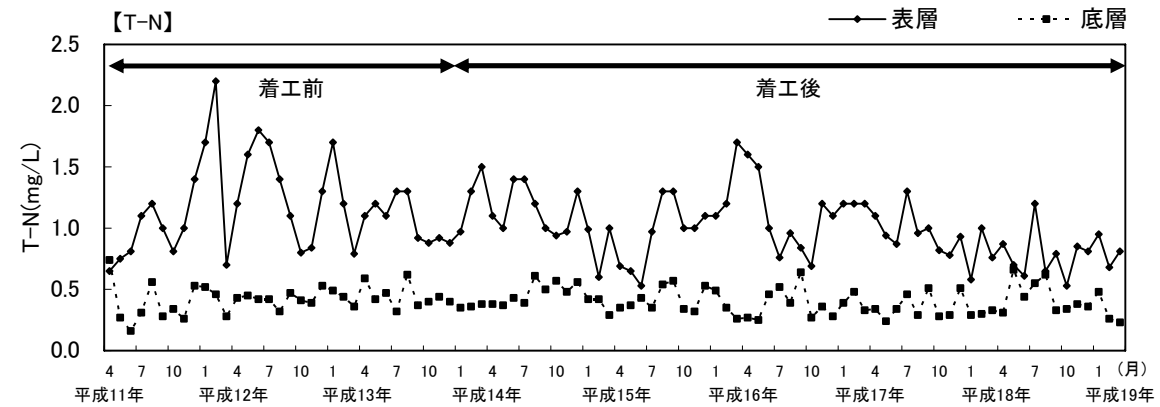
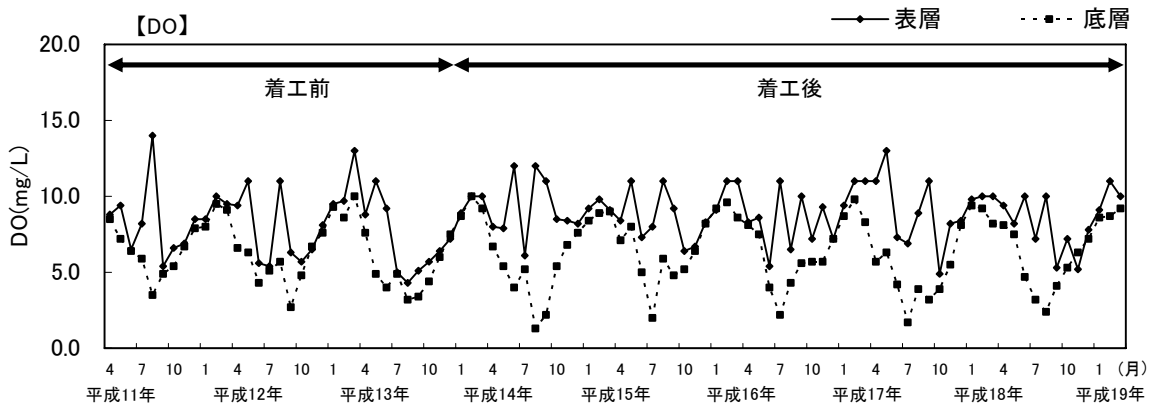
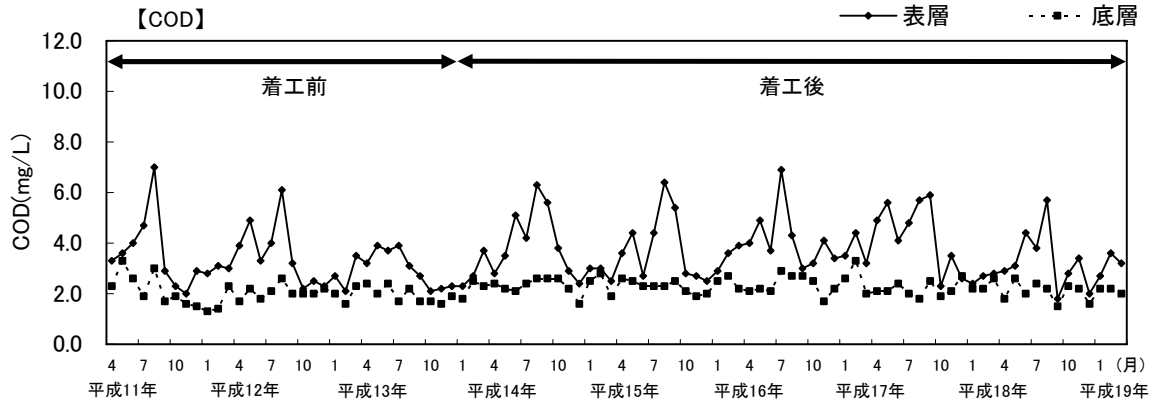


(1)

(事業実施前調査) ---◇--- 調査点1 ---□--- 調査点2 ---△--- 調査点3 ---×--- 調査点4 ---○--- 調査点5  
 (今回調査) ---●--- 調査点1 ---■--- 調査点2 ---▲--- 調査点3 ---×--- 調査点4 ---●--- 調査点5 ---+--- 調査点6



(2)



注) 平成18年度は速報値である。

2)

SS

2mg/L

29

1

30

5

3

5

1

(1)

4	1 ( ) 1	0
5	0	1 1
6	3 ( ) 3	0
7	10 2 ( ) 8	0
8	3 ( ) 3	0
9	2 ( ) 2	0
10	1 ( ) 1	0
11	0	0
12	0	0

(2)

1	0	0
2	2 1 ( ) 1	0
3	5 4 ( ) 1	0
	29 5 2 ( ) 22	1 1

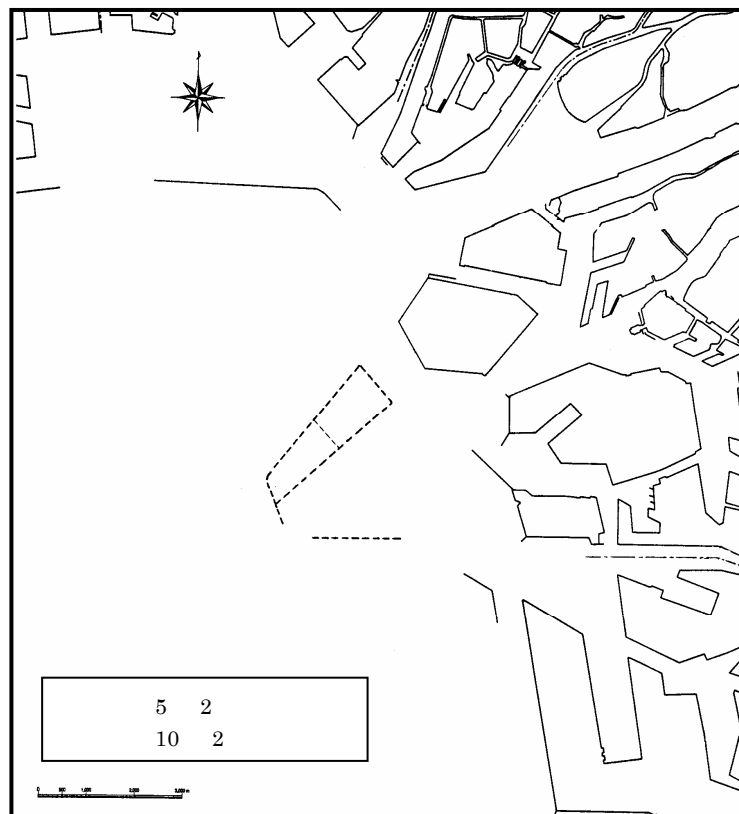
(3)

5 2      10 2

2

ng/g

	( 18 8 )		( 19 2 )		( 5 2 )		( 10 2 )	
		23	32	27	31	31	34	26
	0.31	0.92	0.25	0.67	0.1	0.4	0.29	0.55
	2.0	2.5	1.8	2.6	1.6	2.3	2.3	2.5
	0.55	0.67	0.56	0.63	0.56	0.62	0.57	0.85



5 2

10 2

(4)

1)

		( $L_{eq}$ )	( )	x
18 4		51	60	
17 18		50	50	
18 10		50	60	
17 18		48	50	

6:00 22:00                      22:00 6:00

2)

10

70 74

73

4

4

10

10

$L_{50}$		
18 4 17 18	18 10 17 18	
74	70	73 5

(5)

5 2 10 2

12

*Parapriocospio* sp. A

12

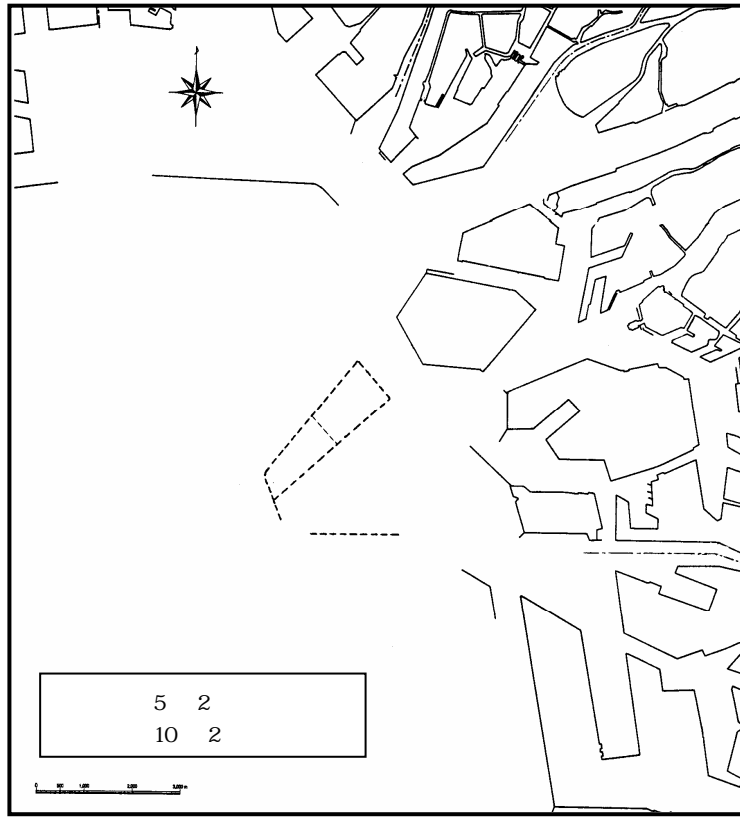
		18 8		19 2		5 2		( 10 2 )	
		0		0 1		0		0 1	
		2 4		3 8		3 5		1 8	
		0		0 2		0		0	
		0 3		0 1		0 2		0 1	
		2 7		4 11		3 7		1 9	
		0		0 2		0		0 1	
		2 363		331 753		25 695		1 401	
		0		0 2		0		0	
		0 4		0 3		0 2		0 3	
		2 365		332 759		25 695		1 401	
		0		0 0.3		0		0 0.6	
		98.6 100.0		99.2 99.8		98.1 100.0		97.8 100.0	
		0		0 0.3		0		0	
		0 1.4		0 0.4		0 1.9		0 1.7	
g		0		0 0.01		0		0 0.1	
		0.01 4.48		6.14 13.94		0.41 24.06		<0.1 9.5	
		0		0 0.65		0		0	
		0 0.36		0 0.13		0 1.83		0 0.1	
		0.01 4.58		6.15 14.72		0.41 24.06		<0.1 9.5	
		<i>Parapriocospio</i> sp (A ) 174 (79.1)		<i>Parapriocospio</i> sp (A ) 497 (93.7)		<i>Parapriocospio</i> sp (A ) 215 (89.3)		<i>Parapriocospio</i> sp (A ) 202 (90.3)	
		<i>Lubrineris</i> <i>lagfdia</i> 24 (11.1)							

0.1m<sup>2</sup>

5

10





5 2

10 2

(6)

11 4 12

10

(1)

6

8

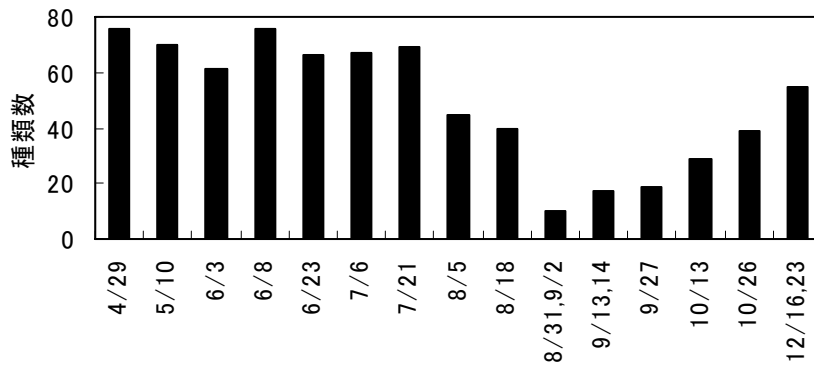
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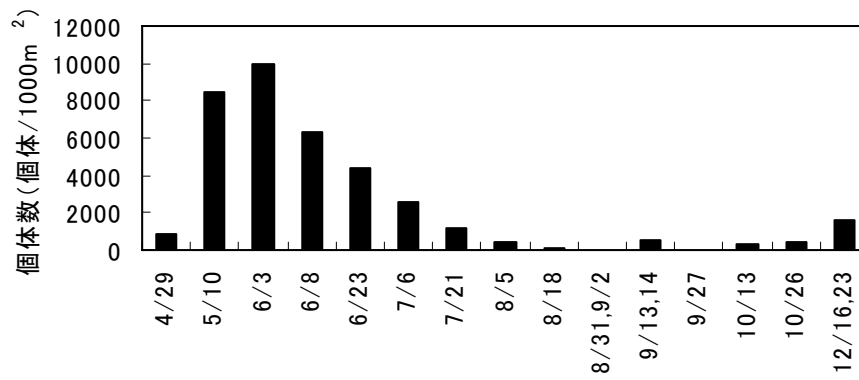
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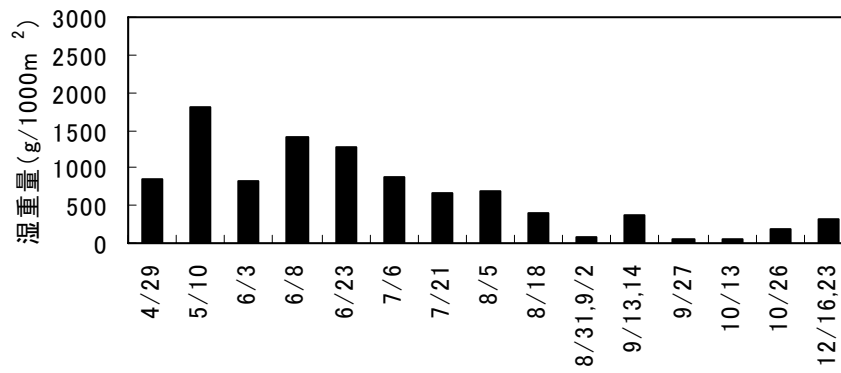
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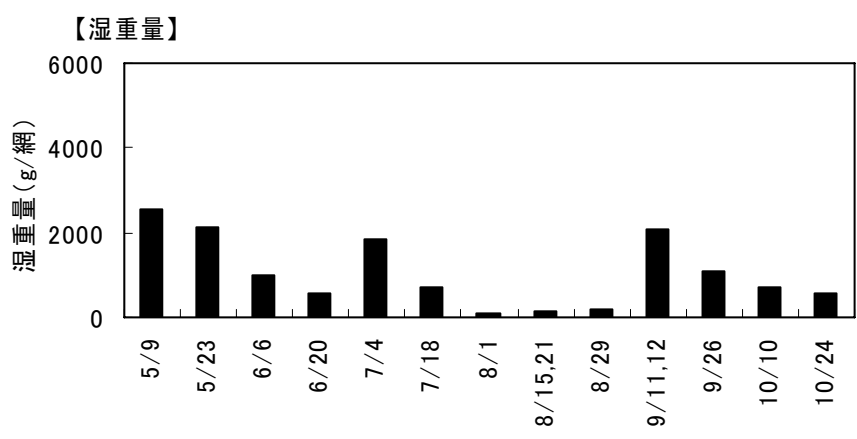
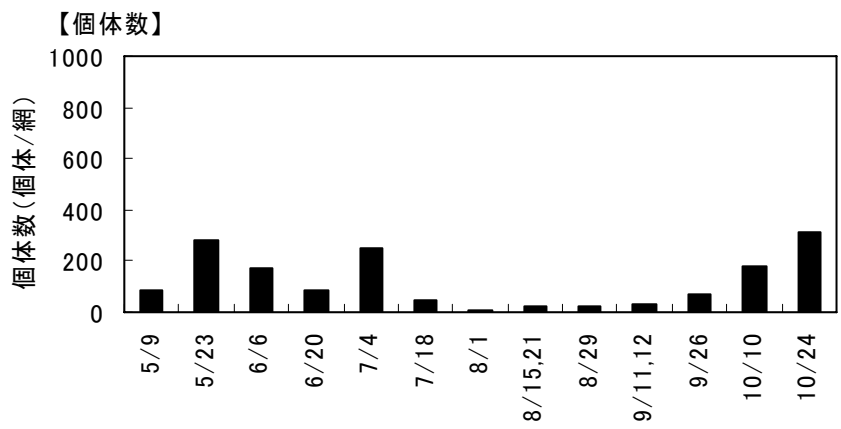
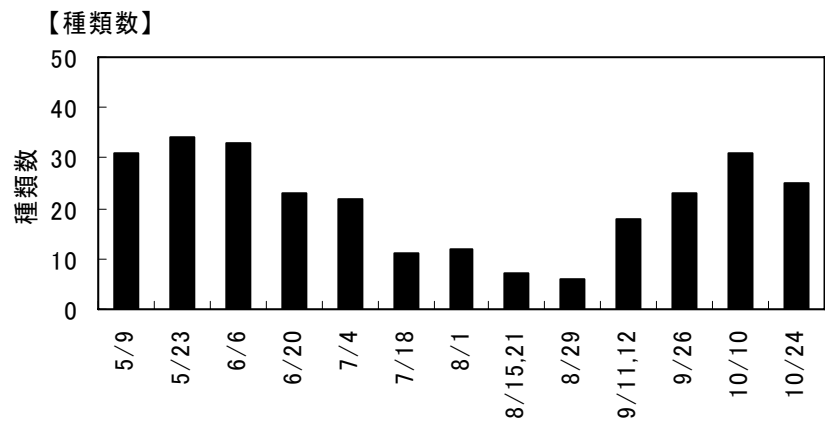
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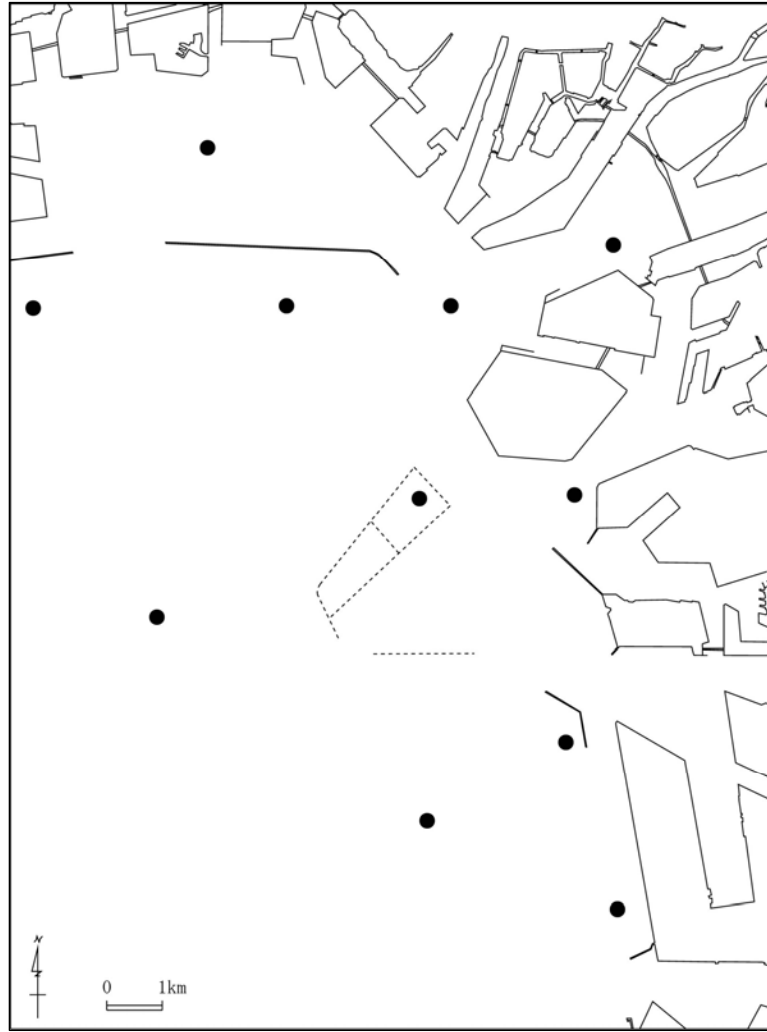
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(1)



(2)



10

11 4 12