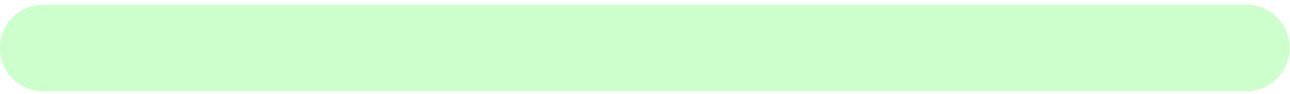


2



1



1

()

| | | | | |
|--|-----------------------|-------|------|------|
| | | | | |
| | ppm | 440 1 | 30 | 10 |
| | ppm | 250 | 50 | 40 |
| | ³ N | 0.08 | 0.02 | 0.01 |
| | ppm | 430 | 25 | 10 |
| | ng-TEQ ³ N | 1 | 0.5 | 0.1 |
| | mg ³ | | | 0.05 |

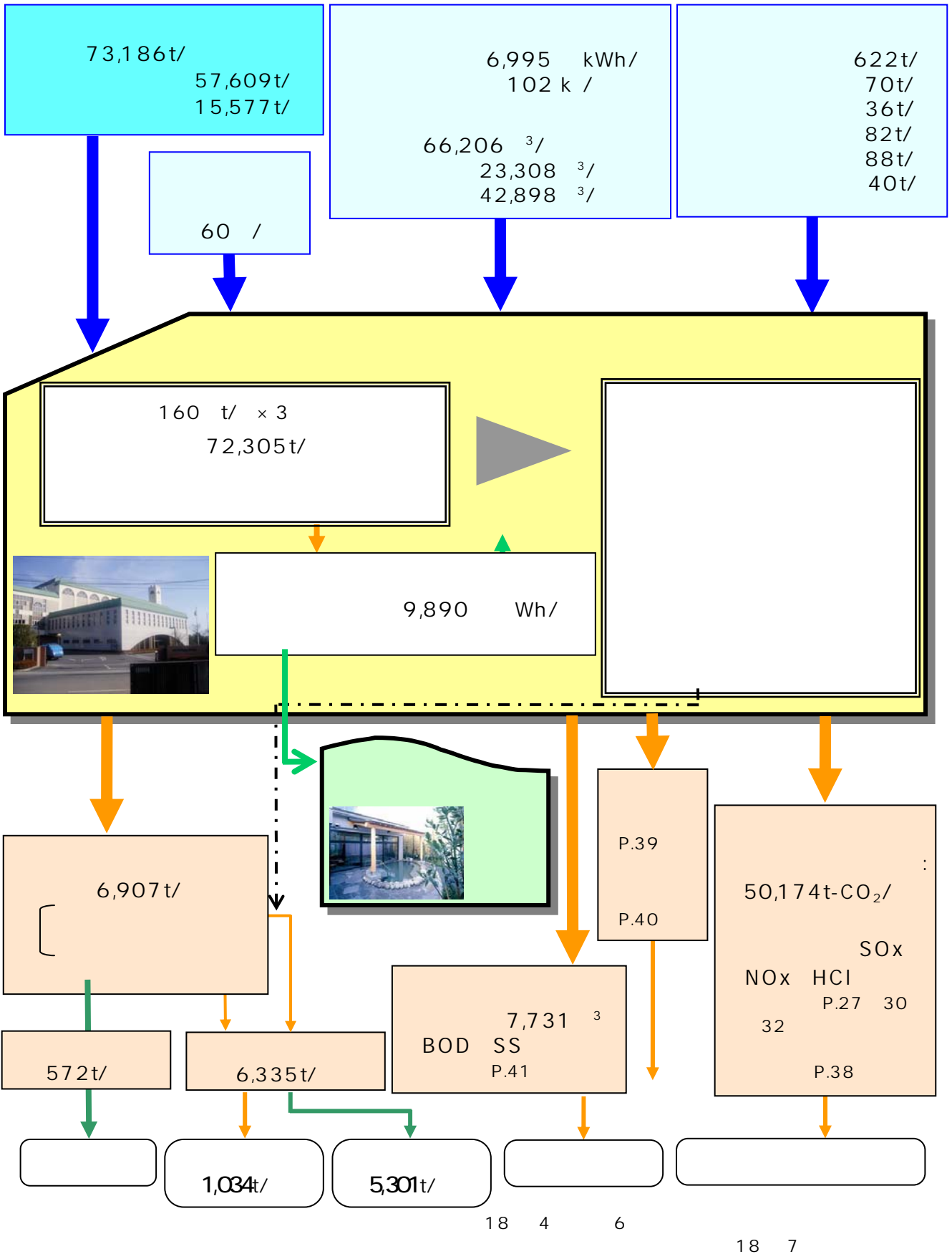
1 6.42

2

3

2

18



3 18

18



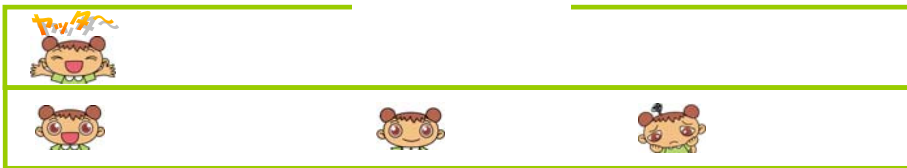
| | | | | | |
|--------------------|----------------------|--------------|---------------------------|--|------|
| | ¹ H.21 | ² | H.18 | | |
| -CO ₂ / | 25.6 | 7,323 | 6,767 7.6 ³ | | P.27 |

¹













²

H.14 16

³



| | | | | H.18 | | | | |
|--------------------------------------|-----|-----|-----|-------|------|------|--|------|
| | | | | | | | | |
| ¹² / ³ N | 008 | 002 | 001 | <0001 | 0001 | 0001 | | P.30 |
| ¹² ppm | 440 | 30 | 10 | <1 | <1 | <1 | | P.30 |
| ¹² ppm | 250 | 50 | 40 | 8 | 20 | 32 | | P.30 |
| ¹² (ppm) | 430 | 25 | 10 | 3 | 7 | 10 | | P.30 |
| ng-TEQ/ ³ N | 1 | 05 | 01 | 0019 | 0035 | 0056 | | P.32 |

| | | | | H.18 | | | | | |
|-------------------|--------------|---------------|----|------|---------|---------|---|---|------|
| | | | | | | | | | |
| | | 10 | 10 | | <10 | <10 | <10 |  | P.38 |
| | ppm | 1 5 | | | <0.02 | 0.02 | 0.03 |  | |
| | ppm | 0.002 0.01 | | | <0.0001 | 0.0001 | 0.0003 |  | |
| | ppm | 0.02 0.1 | | | 0.0001 | 0.0004 | 0.0008 |  | |
| | ppm | 0.01 0.2 | | | <0.0001 | <0.0001 | <0.0001 |  | |
| L _{A5}) | A D | 40 | 40 | | 39 | 45 | 50 |  | P.39 |
| | | 45 | 45 | | 40 | 48 | 59 | | |
| | | 40 | 40 | | 39 | 45 | 51 | | |
| | | 40 | 40 | | 37 | 42 | 46 | | |
| | E F | 45 | 45 | | 41 | 47 | 50 |  | |
| | | 50 | 50 | | 45 | 52 | 62 | | |
| | | 45 | 45 | | 42 | 46 | 50 | | |
| | | 45 | 45 | | 39 | 43 | 47 | | |
| L ₁₀) | A B C E F | 60 | 60 | | <30 | 31 | 38 |  | P.40 |
| | | 55 | 55 | | <30 | <30 | <30 | | |
| | D | 55 | 55 | | <30 | <30 | <30 |  | |
| | | 50 | 50 | | <30 | <30 | <30 | | |
| H | 5 9 | | | 7.3 | 7.7 | 8.3 |  | P.41 | |
| BOD / | 600 | | | 0.7 | 1.9 | 7.0 |  | | |
| SS / | 600 | | | <1 | 1 | 4 |  | | |

1.

2.

3.

6

2

2

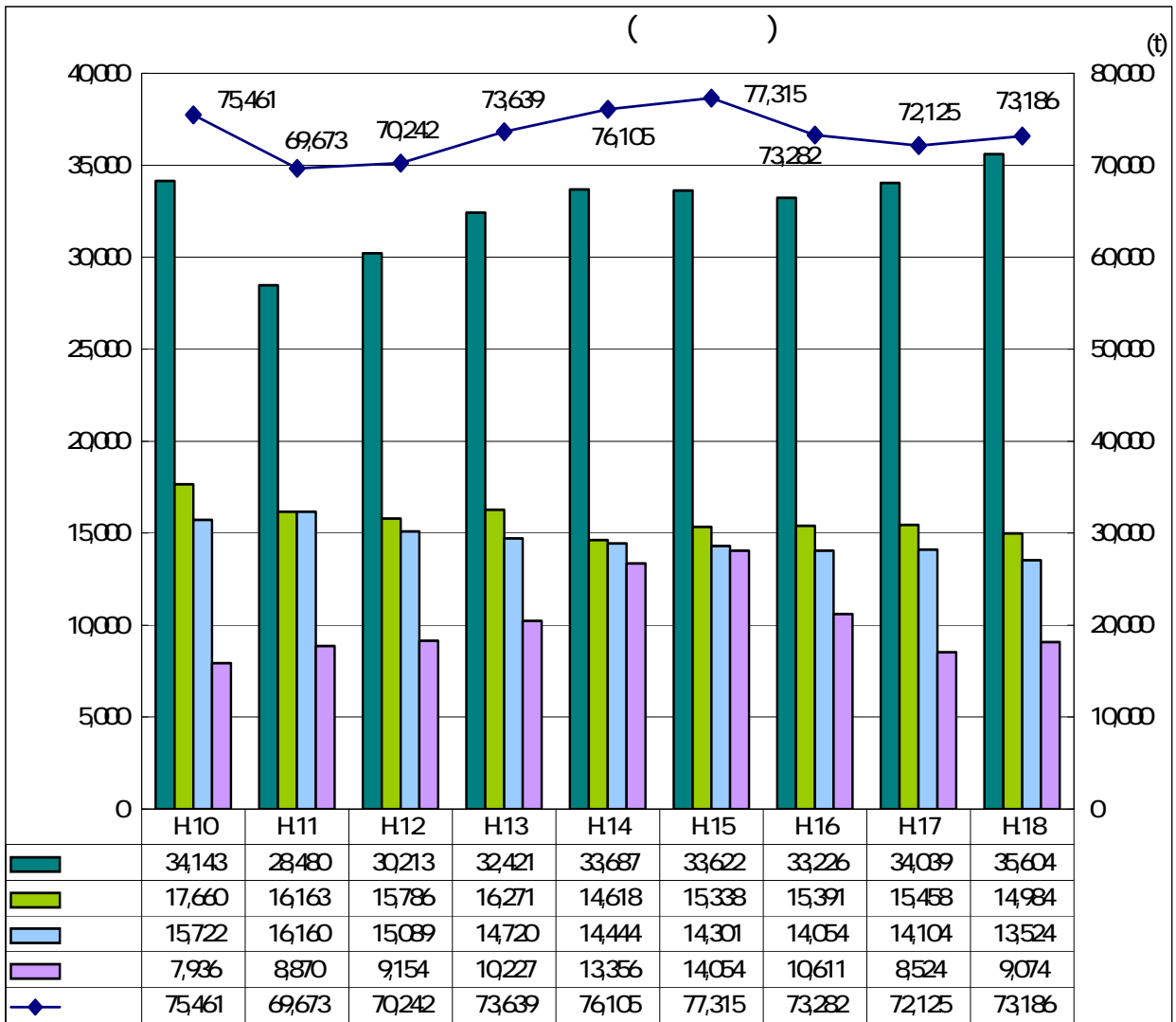
4.

0

4

1

18 3 1 73,186t/
 10 2,275t/ 3.0
 18 1,061 t/ 1.5
 16

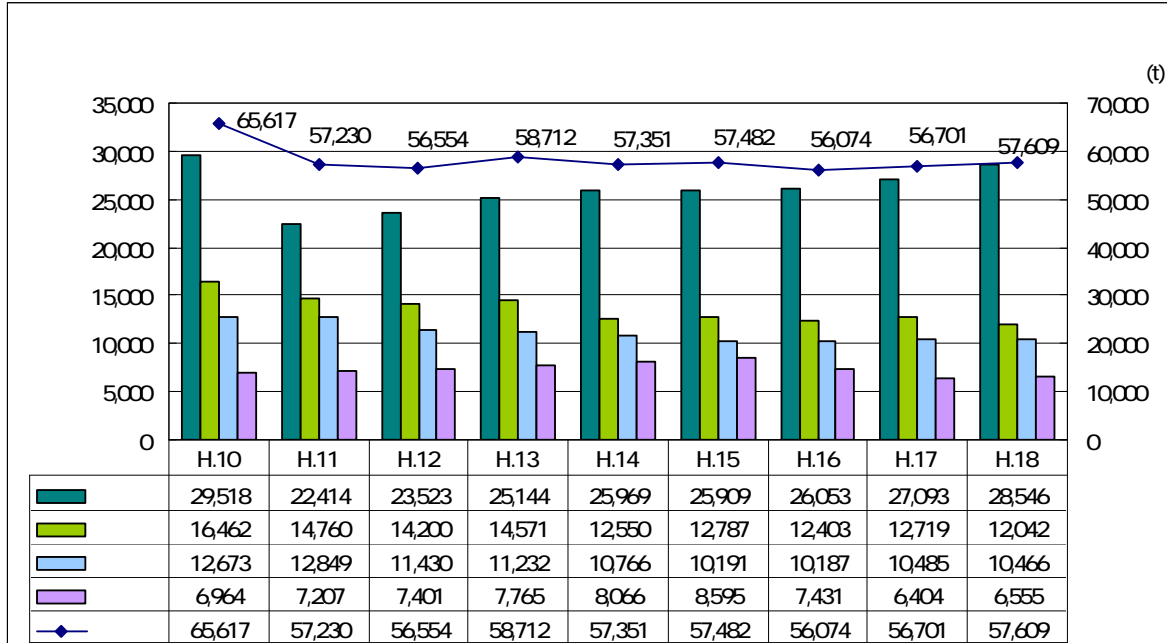


11
1.6

16

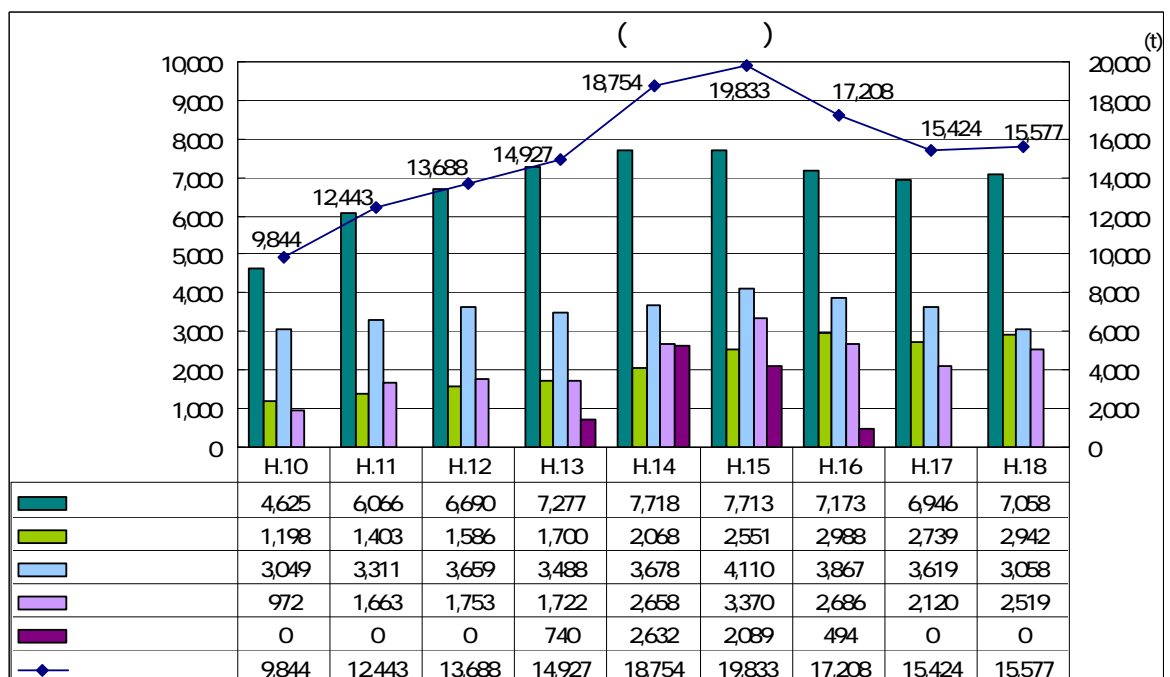
18

908 t/



16 10

17



4

1

12

15

18

72,304t/

18

137

2

173

3

165

64.6

2

1

160

/ × 2

2

1

160

× 100

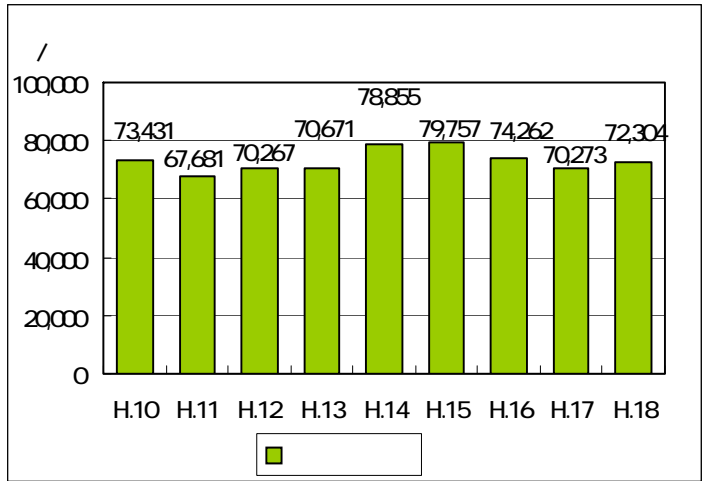
72,304t/

64.6

320t/

350

× 100



| | 1 | 2 | 3 |
|------|-----|-----|-----|
| H.10 | 166 | 140 | 195 |
| H.11 | 97 | 141 | 170 |
| H.12 | 157 | 154 | 112 |
| H.13 | 140 | 144 | 156 |
| H.14 | 173 | 161 | 163 |
| H.15 | 191 | 146 | 162 |
| H.16 | 158 | 169 | 158 |
| H.17 | 137 | 146 | 187 |
| H.18 | 137 | 173 | 165 |

18

61.9

2

15

1

124

4.1

226

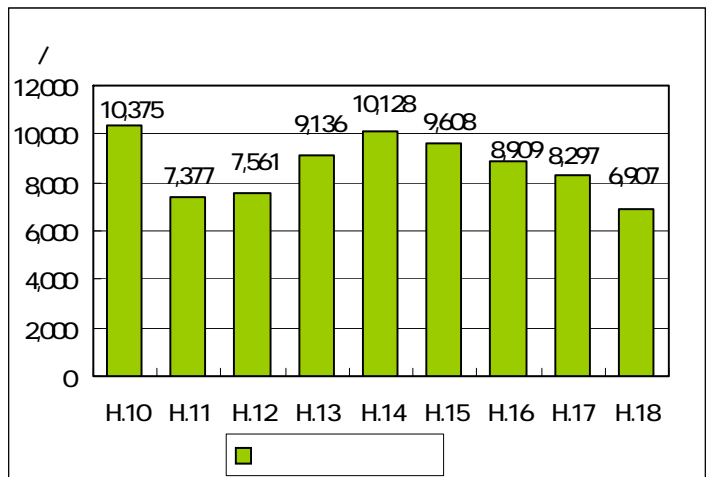
34.0

12

14

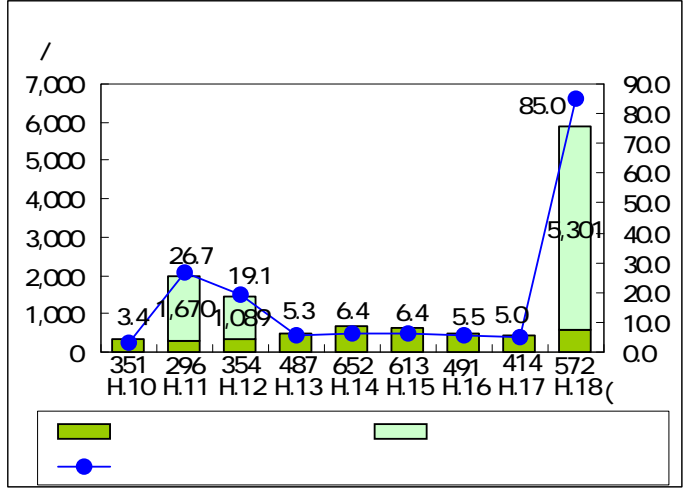
18

6,907t/



18
5,873t/
85.0
18

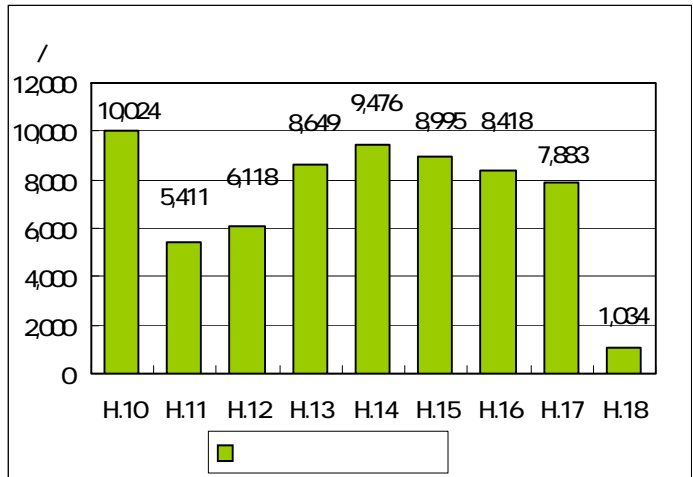
11 12



× 100

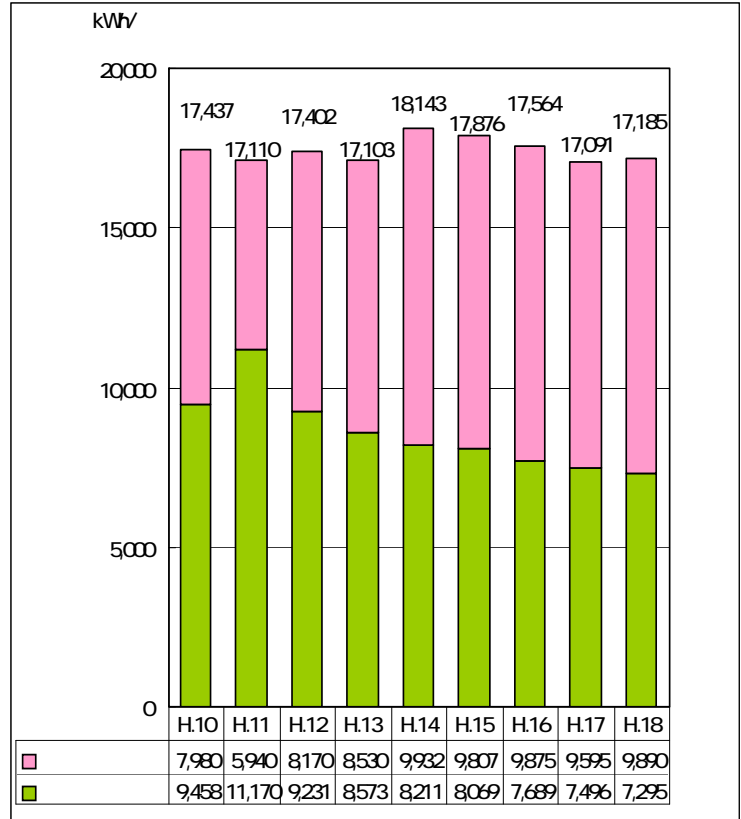
4 6
18 7

1,034t/



(a)

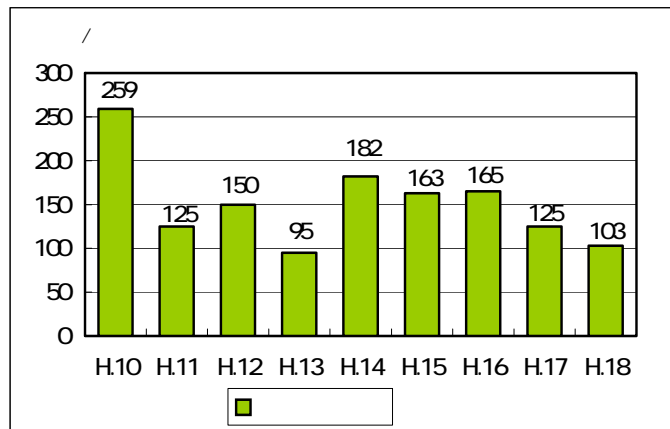
17,500 kWh/
 14
 18
 17,185 kWh/
 9,890 kWh/
 989,000
 1
 123,343
 2
 8

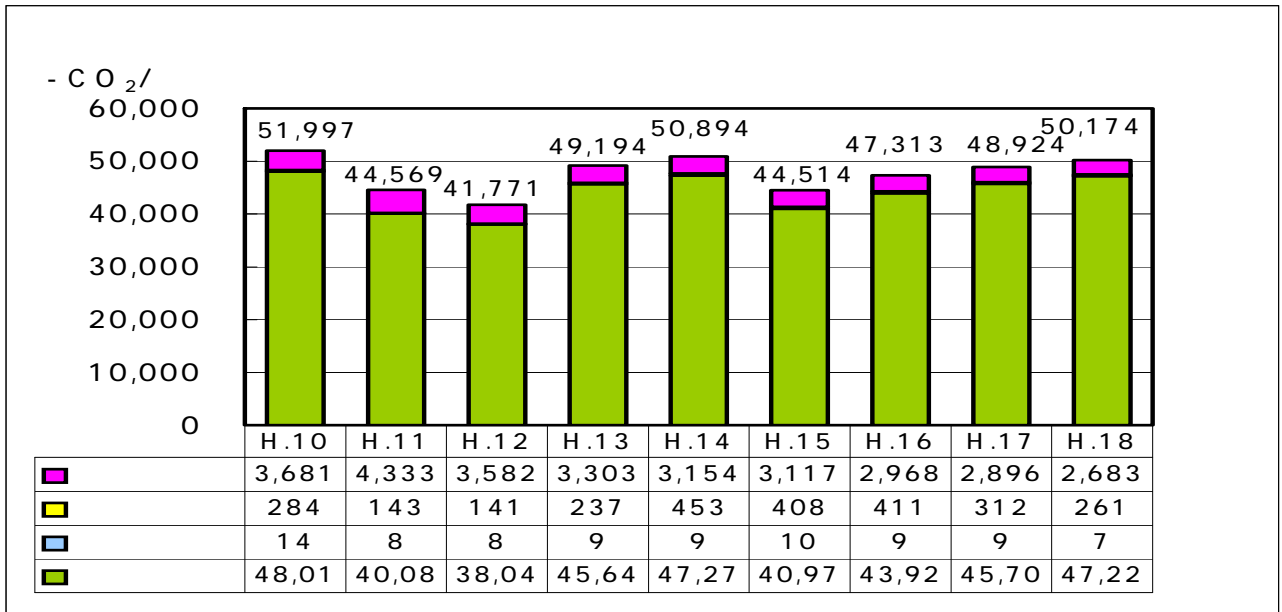


1 1 10kW[]
 2 123,343 18 10 1

(b)

11
 14
 18
 103k /





CO₂

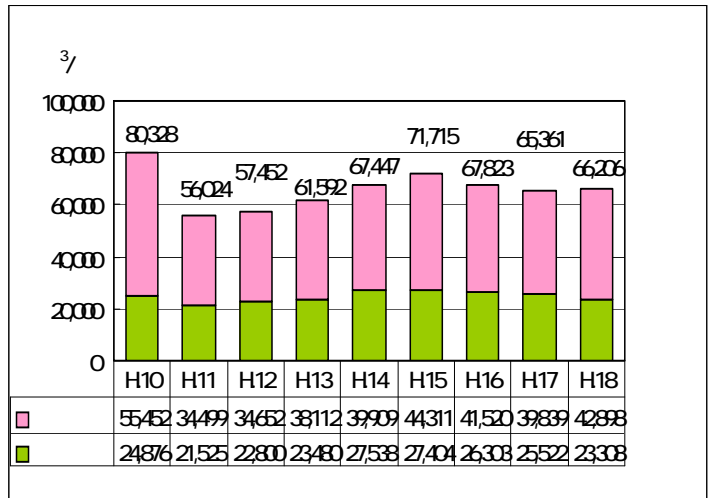
| | | CO ₂ |
|--|--|-----------------|
| | | 261 |
| | | 2,683 |
| | | 7 |
| | | 47,223 |
| | | 50,174 |

| | | CO ₂ |
|----------|-----|-----------------|
| 9,890.00 | kwh | 3,816 |

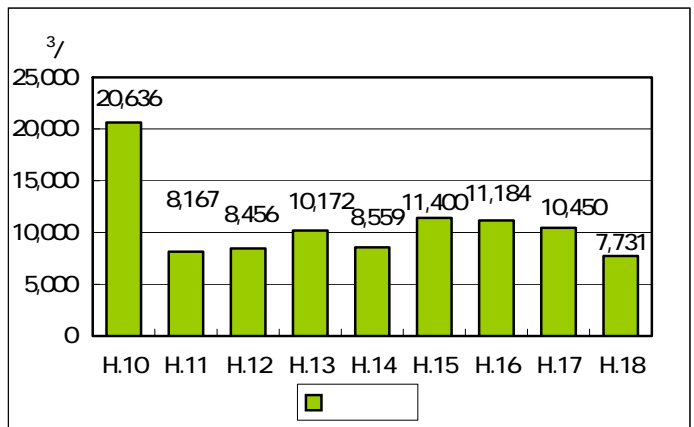
= 6,767t- CO₂ + 50,174 3,816 - 47,223

66,206 ^{3/}
65

12
15
18



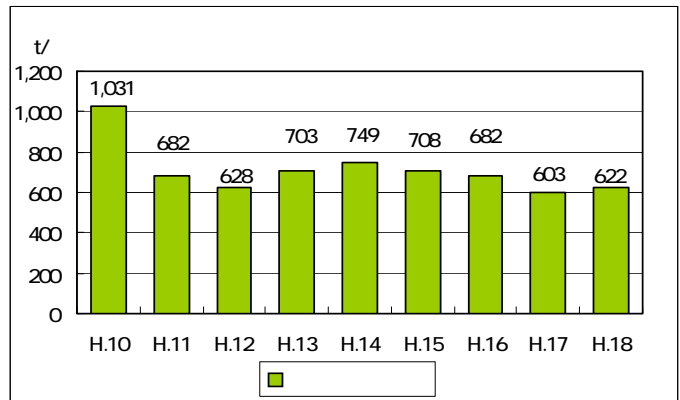
11
15
18 7,731 ^{3/}



14

622t/

18

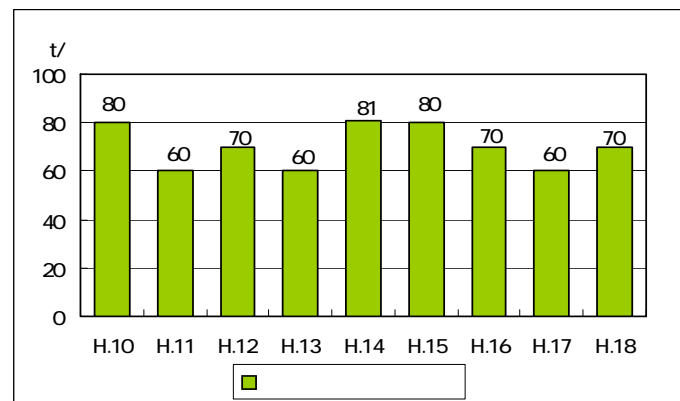


11

14

18

70t/



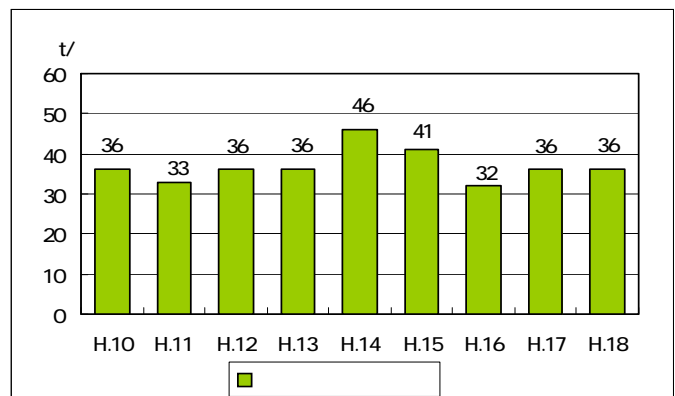
16

H

14

18

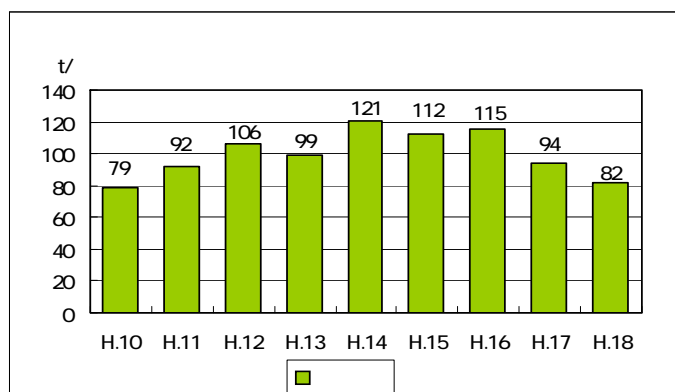
36t/



14

18

82t/



12

0.02g/m³N
0.01g/m³N

SOx

12

SOx

1 ppm

30ppm

10ppm

NOx

12

NOx

2

50ppm

40ppm

HCl

12

HCl

10ppm

25ppm

12

/ ³N

| | H10 | H11 | H12 | H13 | H14 | H15 | H16 | H17 | H18 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.001 |
| 2 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 3 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |

0.08 / ³N

0.02g / ³N

0.01 / ³N

SOx

12

ppm

13

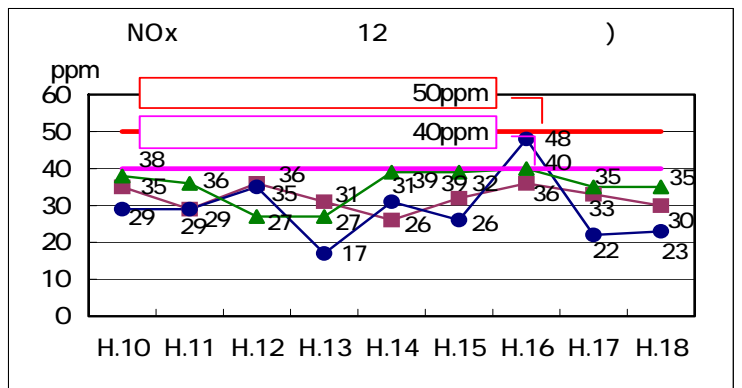
| | H10 | H11 | H12 | H13 | H14 | H15 | H16 | H17 | H18 |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 1 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

440ppm

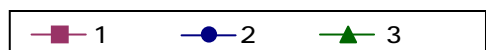
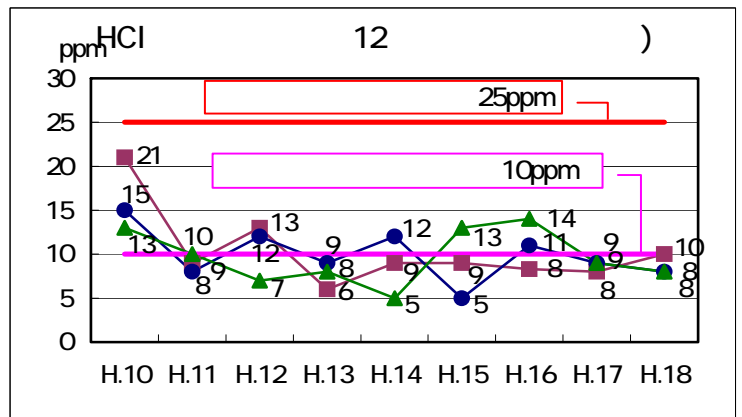
30ppm

10ppm

16



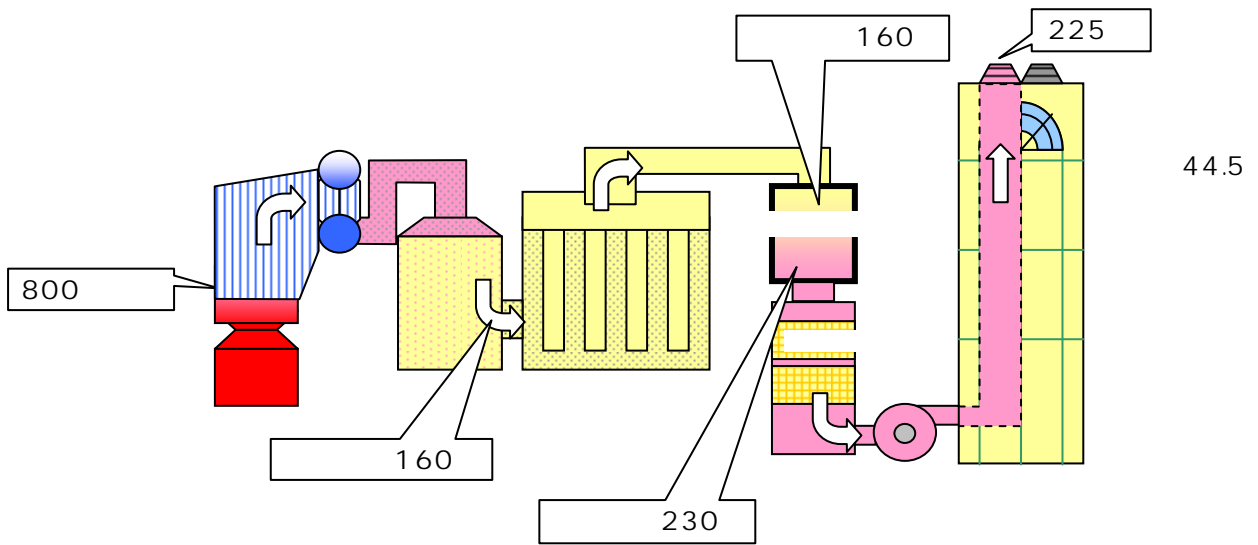
18



| | |
|--|--|
| | |
| | |
| | |
| | |
| | |

10
 300 160

160mm
5.5
560



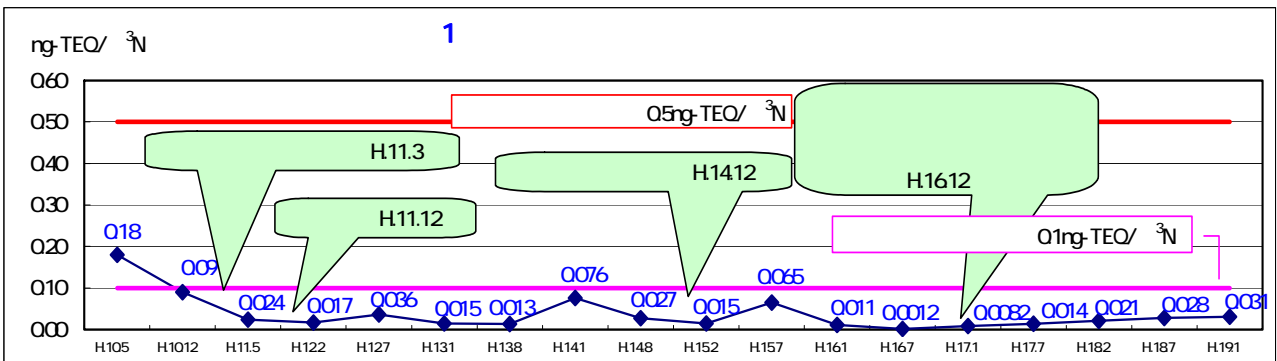
230

x

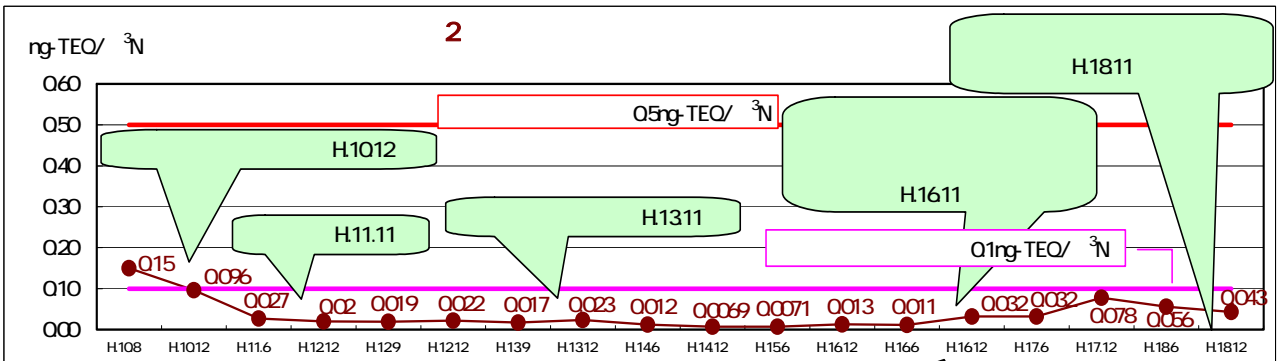
230

NOx

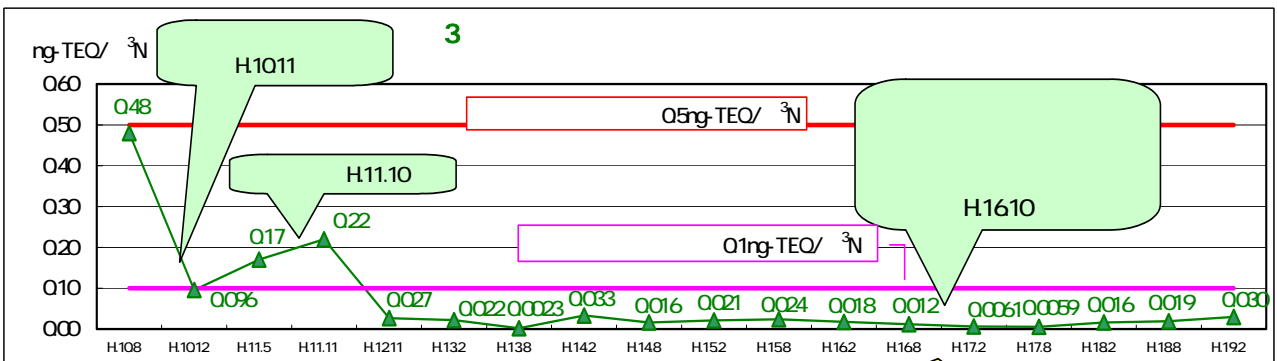
18 1 0.028 0.031ng-TEQ/
³N 2 0.043 0.056ng-TEQ/ ³N 3 0.019 0.030ng-TEQ/ ³N
3 0.5ng-TEQ/ ³N
0.1ng-TEQ/ ³N
16 10



H1610

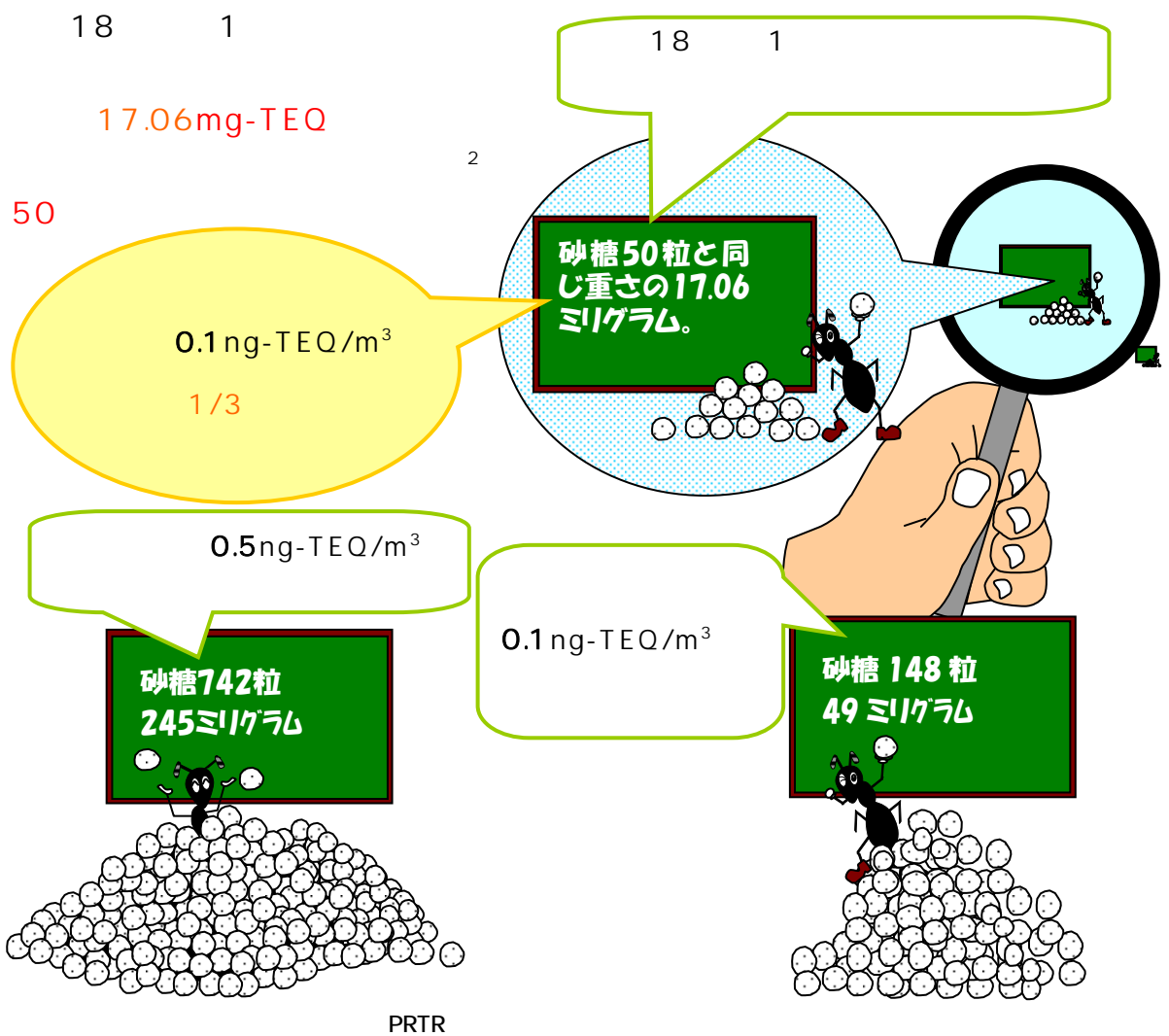


H1610



H1610

-
- 800 1,000
- 160
- P.31
- CO 100ppm 1
-
- P.31
-



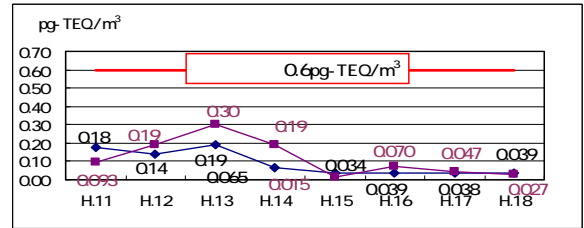
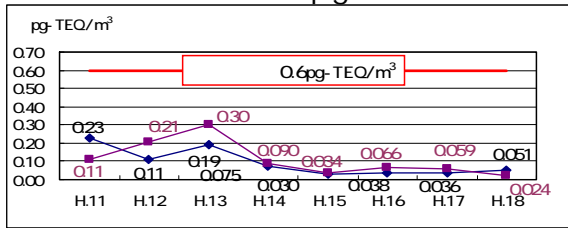
5

18

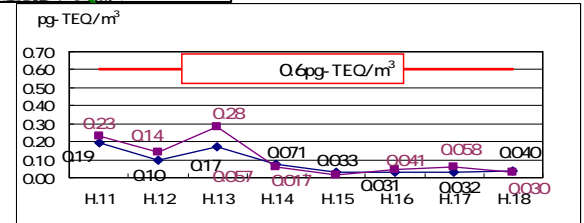
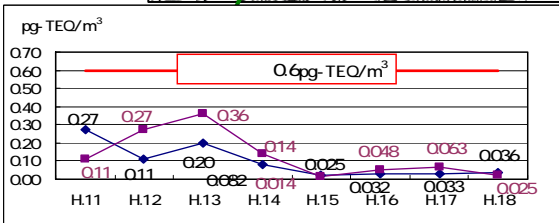
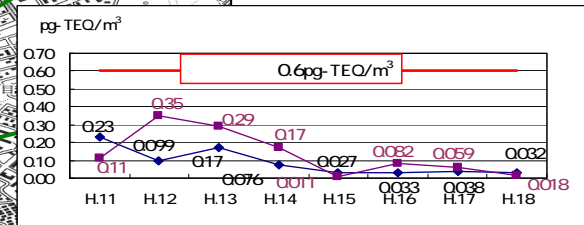
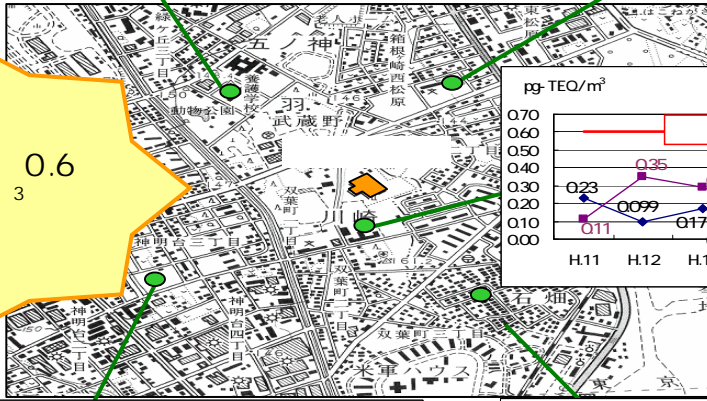
0.018 0.033pg-TEQ/

3

0.6 pg-TEQ/ ³



pg-TEQ/ ³ 0.6



[15] [11.4]

1 cc 1,000,000,000,000 1 pg 1 g

| | | | | |
|------|---|---------------------|-----|-----|
| 1 pg | 1 | 1/1,000,000,000,000 | 1 | 1 |
| 1 ng | 1 | 1/1,000,000,000 | 10 | 1 |
| 1 μg | 1 | 1/1,000,000 | 100 | 1 |
| 1 mg | 1 | 1/1,000 | 1 | 1 |
| TEQ | | | | TEQ |
| | 1 | 2,3,7,8-TCDD | | |