

1 余呉湖水質調査結果

| コ<br>都<br>道<br>府<br>県                   | 統地<br>番<br>号点                          | 類<br>型 | 調<br>査<br>年<br>度 | 水域名      |          | 調査担当<br>機関名 | 採水:        |                | 分析:       | 最大値      | 最小値      | 平均値     |         |         |
|---|--|--------|------------------|----------|----------|-------------|------------|----------------|-----------|----------|----------|---------|---------|---------|
|   |  |        |                  | 余呉湖      | 地点名      |             | 湖北地域振興局環境課 | 琵琶湖・環境科学研究センター |           |          |          |         |         |         |
| 25                                      |  |        | 2005             |          | 最深部0m    |             |            |                |           |          |          |         |         |         |
| 一<br>般<br>項<br>環<br>境<br>項<br>目         | 採水月日                                   |        |                  | H17.5.17 | H17.7.19 | H17.8.22    | H17.9.26   | H17.10.17      | H17.11.21 | H18.2.20 |          |         |         |         |
|   | 採水時刻                                   |        |                  | 10:20    | 10:28    | 10:39       | 10:25      | 10:23          | 10:36     | 10:31    |          |         |         |         |
|   | 天 候                                    |        |                  | 晴        | 曇時々晴     | 曇一時雨        | 曇          | 曇              | 晴         | 雪のち雨     |          |         |         |         |
|   | 気 温 (°C)                               |        |                  | 15.0     | 24.2     | 28.8        | 20.5       | 19.9           | 8.2       | 1.5      | 28.8     | 1.5     | 16.9    |         |
|   | 水 温 (°C)                               |        |                  | 16.6     | 27.2     | 28.3        | 24.6       | 22.0           | 12.9      | 3.1      | 28.3     | 3.1     | 19.2    |         |
|   | 湖 採取水深 (m)                             |        |                  | 0.5      | 0.5      | 0.5         | 0.5        | 0.5            | 0.5       | 0.5      | 0.5      | 0.5     | 0.5     |         |
|   | 全 水 深 (m)                              |        |                  | 12.2     | 11.8     | 11.8        | 11.6       | 11.8           | 12.4      | 12.5     | 12.5     | 11.6    | 12.0    |         |
|   | 沼 透 明 度 (m)                            |        |                  | 2.4      | 3.4      | 3.3         | 2.1        | 1.8            | 1.5       | 2.6      | 3.4      | 1.5     | 2.4     |         |
|   | pH                                     |        |                  | 7.6      | 8.7      | 7.6         | 7.9        | 7.8            | 8.3       | 8.5      | 8.7      | 7.6     | 8.1     |         |
|   | 生活 DO (mg/l)                           |        |                  | 8.9      | 8.1      | 8.0         | 9.0        | 8.0            | 9.8       | 16.2     | 16.2     | 8.0     | 9.7     |         |
|   | DO (%)                                 |        |                  | 94       | 103      | 103         | 110        | 94             | 96        | 125      | 125      | 94      | 104     |         |
|   | BOD (mg/l)                             |        |                  | 1.5      | <0.5     | 0.8         | 2.0        | 1.1            | 2.7       | 1.0      | 2.7      | 0.8     | 1.5     |         |
|   | COD (mg/l)                             |        |                  | 3.5      | 3.3      | 3.2         | 4.1        | 3.8            | 5.4       | 3.5      | 5.4      | 3.2     | 3.8     |         |
|   | SS (mg/l)                              |        |                  | 2.4      | 1.2      | 1.0         | 5.2        | 4.8            | 6.3       | 3.4      | 6.3      | 1.0     | 3.5     |         |
|   | 大腸菌群数 (MPN/100ml)                      |        |                  | 4.9E+01  |          | 7.0E+03     |            |                | 1.3E+01   |          | <2.0E+00 | 7.0E+03 | 1.3E+01 | 2.4E+03 |
|   | T-N (mg/l)                             |        |                  | 0.30     | 0.30     | 0.29        | 0.39       | 0.33           | 0.59      | 0.35     | 0.59     | 0.29    | 0.36    |         |
|   | T-P (mg/l)                             |        |                  | 0.020    | 0.014    | 0.022       | 0.027      | 0.027          | 0.046     | 0.017    | 0.046    | 0.014   | 0.025   |         |
|   | NH <sub>4</sub> <sup>+</sup> -N (mg/l) |        |                  | <0.01    | 0.01     | 0.01        | <0.01      | <0.01          | <0.01     | <0.01    | <0.01    | 0.01    | 0.01    | 0.01    |
|   | Kj-N (mg/l)                            |        |                  |          |          |             |            |                |           |          |          |         |         |         |
|   | NO <sub>2</sub> <sup>-</sup> -N (mg/l) |        |                  | <0.001   | <0.001   | 0.001       | 0.001      | 0.001          | 0.003     | 0.003    | 0.003    | 0.001   | 0.002   |         |
| NO <sub>3</sub> <sup>-</sup> -N (mg/l)  |  |        | <0.01            | <0.01    | <0.01    | <0.01       | <0.01      | 0.02           | 0.12      | 0.12     | 0.02     | 0.07    |         |         |
| Org-N (mg/l)                            |  |        | 0.30             | 0.29     | 0.28     | 0.39        | 0.33       | 0.57           | 0.22      | 0.57     | 0.22     | 0.34    |         |         |
| PO <sub>4</sub> <sup>3-</sup> -P (mg/l) |  |        | <0.001           | 0.001    | <0.001   | 0.002       | 0.002      | 0.006          | 0.002     | 0.006    | 0.001    | 0.003   |         |         |
| クロロフィル-a (μg/l)                         |  |        | 7.2              | 2.9      | 3.4      | 33.3        | 14.6       | 60.7           | 14.8      | 60.7     | 2.9      | 19.6    |         |         |
| クロロフィル-b (μg/l)                         |  |        | 0.0              | 0.0      | 0.0      | 0.6         | 0.0        | 0.8            | 0.0       | 0.8      | 0.0      | 0.2     |         |         |
| クロロフィル-c (μg/l)                         |  |        | 0.0              | 0.1      | 0.0      | 1.6         | 0.9        | 5.9            | 2.7       | 5.9      | 0.0      | 1.6     |         |         |
| フェオ色素 (μg/l)                            |  |        | 5.6              | 2.7      | 2.0      | 7.2         | 5.2        | 6.5            | 1.1       | 7.2      | 1.1      | 4.3     |         |         |
| SO <sub>4</sub> <sup>2-</sup> (μg/l)    |  |        |                  |          |          |             |            |                |           |          |          |         |         |         |
| Cl (mg/l)                               |  |        | 9.5              |          | 9.0      |             |            | 9.5            | 9.8       | 9.8      | 9.0      | 9.5     |         |         |
| Na (mg/l)                               |  |        |                  |          |          |             |            |                |           |          |          |         |         |         |
| K (mg/l)                                |  |        |                  |          |          |             |            |                |           |          |          |         |         |         |
| Ca (mg/l)                               |  |        |                  |          |          |             |            |                |           |          |          |         |         |         |
| Mg (mg/l)                               |  |        |                  |          |          |             |            |                |           |          |          |         |         |         |
| Mn (mg/l)                               |  |        |                  |          |          |             |            |                |           |          |          |         |         |         |
| 溶存態Fe (mg/l)                            |  |        |                  |          |          |             |            |                |           |          |          |         |         |         |
| 全Fe (mg/l)                              |  |        |                  |          |          |             |            |                |           |          |          |         |         |         |
| Cu (mg/l)                               |  |        |                  |          |          |             |            |                |           |          |          |         |         |         |
| Zn (mg/l)                               |  |        |                  |          |          |             |            |                |           |          |          |         |         |         |
| EC (mS/m)                               |  |        | 7.1              | 9.8      | 10.2     | 9.8         | 9.3        | 7.5            | 4.7       | 10.2     | 4.7      | 8.3     |         |         |

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|---|--|--------|------------------|----------|-------|----------|----------|------------|-----------|----------------|--|-------|----------|---------|---------|---------|
|   |  |        |                  | 余呉湖      |       | 機関名      |          | 湖北地域振興局環境課 |           | 琵琶湖・環境科学研究センター |  |       |          |         |         |         |
| 25                                      |  |        | 2005             | 地点名      |       | 最深部2m    |          |            |           |                |  |       |          |         |         |         |
| 一<br>般<br>項<br>環<br>境<br>項<br>目         | 採水月日                                   |        |                  | H17.5.17 |       | H17.7.19 | H17.8.22 | H17.9.26   | H17.10.17 | H17.11.21      |  |       | H18.2.20 |         |         |         |
|   | 採水時刻                                   |        |                  | 10:20    |       | 10:28    | 10:39    | 10:25      | 10:23     | 10:36          |  |       | 10:31    |         |         |         |
|   | 天 候                                    |        |                  | 晴        |       | 曇時々晴     | 曇一時雨     | 曇          | 曇         | 晴              |  |       | 雪のち雨     |         |         |         |
|   | 気 温 (°C)                               |        |                  |          |       |          |          |            |           |                |  |       | 0.0      | 0.0     | 0.0     |         |
|   | 水 温 (°C)                               |        |                  | 16.3     |       | 27.1     | 28.3     | 24.5       | 21.8      | 12.7           |  |       | 28.3     | 3.6     | 19.2    |         |
|   | 湖 採取水深 (m)                             |        |                  | 2.0      |       | 2.0      | 2.0      | 2.0        | 2.0       | 2.0            |  |       | 2.0      | 2.0     | 2.0     |         |
|   | 沼 全水深 (m)                              |        |                  |          |       |          |          |            |           |                |  |       | 0.0      | 0.0     | 0.0     |         |
|   | 透 明 度 (m)                              |        |                  |          |       |          |          |            |           |                |  |       | 0.0      | 0.0     | 0.0     |         |
|   | pH                                     |        |                  | 7.5      |       | 8.6      | 7.6      | 7.9        | 7.8       | 8.1            |  |       | 8.5      | 8.6     | 7.5     | 8.0     |
|   | 生活 DO (mg/l)                           |        |                  | 9.4      |       | 8.1      | 7.8      | 8.8        | 7.2       | 8.0            |  |       | 13.6     | 13.6    | 7.2     | 9.0     |
|   | DO (%)                                 |        |                  | 99       |       | 103      | 101      | 108        | 84        | 78             |  |       | 106      | 108     | 78      | 97      |
|   | BOD (mg/l)                             |        |                  | 1.6      |       | <0.5     | 0.9      | 1.9        | 1.1       | 2.5            |  |       | 1.4      | 2.5     | 0.9     | 1.6     |
|   | COD (mg/l)                             |        |                  | 4.0      |       | 4.0      | 3.6      | 4.5        | 4.2       | 5.4            |  |       | 4.0      | 5.4     | 3.6     | 4.2     |
|   | SS (mg/l)                              |        |                  | 2.8      |       | 1.8      | 1.8      | 5.2        | 5.8       | 6.4            |  |       | 4.6      | 6.4     | 1.8     | 4.1     |
|   | 大腸菌群数 (MPN/100ml)                      |        |                  | 1.3E+02  |       |          | 4.9E+03  |            |           | 4.6E+01        |  |       | <2       | 4.9E+03 | 4.6E+01 | 1.7E+03 |
|   | T-N (mg/l)                             |        |                  | 0.38     |       | 0.44     | 0.33     | 0.49       | 0.42      | 0.59           |  |       | 0.41     | 0.59    | 0.33    | 0.44    |
|   | T-P (mg/l)                             |        |                  | 0.020    |       | 0.019    | 0.027    | 0.028      | 0.030     | 0.039          |  |       | 0.021    | 0.039   | 0.019   | 0.026   |
|   | NH <sub>4</sub> <sup>+</sup> -N (mg/l) |        |                  | <0.01    |       | 0.01     | 0.02     | 0.01       | <0.01     | 0.01           |  |       | <0.01    | 0.02    | 0.01    | 0.01    |
|   | Kj-N (mg/l)                            |        |                  |          |       |          |          |            |           |                |  |       |          |         |         |         |
|   | NO <sub>2</sub> <sup>-</sup> -N (mg/l) |        |                  | <0.001   |       | <0.001   | 0.001    | 0.001      | <0.001    | 0.003          |  |       | 0.003    | 0.003   | 0.001   | 0.002   |
| NO <sub>3</sub> <sup>-</sup> -N (mg/l)  |  |        | <0.01            |          | 0.01  | 0.01     | 0.01     | <0.01      | 0.02      |                |  | 0.12  | 0.12     | 0.01    | 0.03    |         |
| Org-N (mg/l)                            |  |        | 0.38             |          | 0.42  | 0.30     | 0.47     | 0.41       | 0.56      |                |  | 0.29  | 0.56     | 0.29    | 0.40    |         |
| PO <sub>4</sub> <sup>3-</sup> -P (mg/l) |  |        | <0.001           |          | 0.001 | 0.001    | 0.003    | 0.003      | 0.005     |                |  | 0.002 | 0.005    | 0.001   | 0.003   |         |
| クロロフィル-a (μg/l)                         |  |        | 7.6              |          | 2.9   | 3.6      | 31.5     | 14.8       | 42.7      |                |  | 19.7  | 42.7     | 2.9     | 17.5    |         |
| クロロフィル-b (μg/l)                         |  |        | 0.0              |          | 0.0   | 0.2      | 0.5      | 0.0        | 0.0       |                |  | 0.0   | 0.5      | 0.0     | 0.1     |         |
| クロロフィル-c (μg/l)                         |  |        | 0.0              |          | 0.1   | 0.3      | 2.0      | 0.5        | 4.4       |                |  | 5.2   | 5.2      | 0.0     | 1.8     |         |
| フエオ色素 (μg/l)                            |  |        | 4.0              |          | 1.8   | 1.8      | 6.6      | 7.8        | 6.2       |                |  | 1.1   | 7.8      | 1.1     | 4.2     |         |
| SO <sub>4</sub> <sup>2-</sup> (μg/l)    |  |        |                  |          |       |          |          |            |           |                |  |       |          |         |         |         |
| Cl (mg/l)                               |  |        | 9.5              |          |       | 9.0      |          |            | 9.4       |                |  | 9.8   | 9.8      | 9.0     | 9.4     |         |
| Na (mg/l)                               |  |        |                  |          |       |          |          |            |           |                |  |       |          |         |         |         |
| K (mg/l)                                |  |        |                  |          |       |          |          |            |           |                |  |       |          |         |         |         |
| Ca (mg/l)                               |  |        |                  |          |       |          |          |            |           |                |  |       |          |         |         |         |
| Mg (mg/l)                               |  |        |                  |          |       |          |          |            |           |                |  |       |          |         |         |         |
| Mn (mg/l)                               |  |        |                  |          |       |          |          |            |           |                |  |       |          |         |         |         |
| 溶存態Fe (mg/l)                            |  |        |                  |          |       |          |          |            |           |                |  |       |          |         |         |         |
| 全Fe (mg/l)                              |  |        |                  |          |       |          |          |            |           |                |  |       |          |         |         |         |
| Cu (mg/l)                               |  |        |                  |          |       |          |          |            |           |                |  |       |          |         |         |         |
| Zn (mg/l)                               |  |        |                  |          |       |          |          |            |           |                |  |       |          |         |         |         |
| EC (mS/m)                               |  |        | 7.3              |          | 10.2  | 10.6     | 10.2     | 9.5        | 8.0       |                |  | 5.3   | 10.6     | 5.3     | 8.7     |         |

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|---|--|--------|------------------|--------------|--------|----------|----------|------------|-----------|----------------|--|-------|----------|---------|---------|---------|
|   |  |        |                  | 余呉湖          |        | 機関名      |          | 湖北地域振興局環境課 |           | 琵琶湖・環境科学研究センター |  |       |          |         |         |         |
| 25                                      |  |        | 2005             | 地点名<br>最深部4m |        |          |          |            |           |                |  |       |          |         |         |         |
| 一<br>般<br>項<br>環<br>境<br>目<br>目         | 採水月日                                   |        |                  | H17.5.17     |        | H17.7.19 | H17.8.22 | H17.9.26   | H17.10.17 | H17.11.21      |  |       | H18.2.20 |         |         |         |
|   | 採水時刻                                   |        |                  | 10:20        |        | 10:28    | 10:39    | 10:25      | 10:23     | 10:36          |  |       | 10:31    |         |         |         |
|   | 天 候                                    |        |                  | 晴            |        | 曇時々晴     | 曇一時雨     | 曇          | 曇         | 晴              |  |       | 雪のち雨     |         |         |         |
|   | 気 温 (°C)                               |        |                  |              |        |          |          |            |           |                |  |       | 0.0      | 0.0     | 0.0     |         |
|   | 水 温 (°C)                               |        |                  | 16.1         |        | 26.7     | 27.8     | 24.4       | 21.8      | 12.7           |  |       | 3.7      | 27.8    | 3.7     | 19.0    |
|   | 湖 採取水深 (m)                             |        |                  | 4.0          |        | 4.0      | 4.0      | 4.0        | 4.0       | 4.0            |  |       | 4.0      | 4.0     | 4.0     | 4.0     |
|   | 全 水 深 (m)                              |        |                  |              |        |          |          |            |           |                |  |       | 0.0      | 0.0     | 0.0     |         |
|   | 沼 透 明 度 (m)                            |        |                  |              |        |          |          |            |           |                |  |       | 0.0      | 0.0     | 0.0     |         |
|   | pH                                     |        |                  | 7.5          |        | 8.7      | 7.4      | 7.8        | 7.7       | 7.9            |  |       | 8.6      | 8.7     | 7.4     | 7.9     |
|   | 生活 DO (mg/l)                           |        |                  | 9.3          |        | 7.2      | 6.1      | 7.7        | 7.3       | 7.9            |  |       | 14.1     | 14.1    | 6.1     | 8.5     |
|   | DO (%)                                 |        |                  | 97           |        | 91       | 77       | 94         | 85        | 77             |  |       | 110      | 110     | 77      | 90      |
|   | BOD (mg/l)                             |        |                  | 1.7          |        | <0.5     | 1.0      | 1.5        | 1.1       | 1.6            |  |       | 1.3      | 1.7     | 1.0     | 1.4     |
|   | COD (mg/l)                             |        |                  | 3.9          |        | 3.5      | 3.6      | 4.2        | 4.1       | 4.8            |  |       | 3.8      | 4.8     | 3.5     | 4.0     |
|   | SS (mg/l)                              |        |                  | 3.0          |        | 2.0      | 2.0      | 5.2        | 5.8       | 7.2            |  |       | 4.6      | 7.2     | 2.0     | 4.3     |
|   | 大腸菌群数 (MPN/100ml)                      |        |                  | 2.3E+01      |        |          | 3.3E+03  |            |           | 3.1E+01        |  |       | 5.0E+00  | 3.3E+03 | 5.0E+00 | 8.4E+02 |
|   | T-N (mg/l)                             |        |                  | 0.39         |        | 0.38     | 0.47     | 0.42       | 0.48      | 0.51           |  |       | 0.40     | 0.51    | 0.38    | 0.44    |
|   | T-P (mg/l)                             |        |                  | 0.026        |        | 0.016    | 0.030    | 0.026      | 0.028     | 0.035          |  |       | 0.020    | 0.035   | 0.016   | 0.026   |
|   | NH <sub>4</sub> <sup>+</sup> -N (mg/l) |        |                  | 0.01         |        | 0.01     | 0.03     | 0.01       | 0.01      | 0.01           |  |       | <0.01    | 0.03    | 0.01    | 0.01    |
|   | Kj-N (mg/l)                            |        |                  |              |        |          |          |            |           |                |  |       |          |         |         |         |
|   | NO <sub>2</sub> <sup>-</sup> -N (mg/l) |        |                  | <0.001       |        | 0.001    | 0.002    | 0.001      | <0.001    | 0.003          |  |       | 0.003    | 0.003   | 0.001   | 0.002   |
| NO <sub>3</sub> <sup>-</sup> -N (mg/l)  |  |        | <0.01            |              | <0.01  | 0.02     | <0.01    | <0.01      | 0.02      |                |  | 0.12  | 0.12     | 0.02    | 0.05    |         |
| Org-N (mg/l)                            |  |        | 0.38             |              | 0.37   | 0.42     | 0.41     | 0.47       | 0.48      |                |  | 0.27  | 0.48     | 0.27    | 0.40    |         |
| PO <sub>4</sub> <sup>3-</sup> -P (mg/l) |  |        | <0.001           |              | <0.001 | 0.002    | 0.002    | 0.002      | 0.004     |                |  | 0.002 | 0.004    | 0.002   | 0.002   |         |
| クロロフィル-a (μg/l)                         |  |        | 8.0              |              | 4.7    | 5.3      | 28.1     | 12.3       | 28.2      |                |  | 17.5  | 28.2     | 4.7     | 14.9    |         |
| クロロフィル-b (μg/l)                         |  |        | 0.1              |              | 0.0    | 0.3      | 0.6      | 0.0        | 0.1       |                |  | 0.0   | 0.6      | 0.0     | 0.2     |         |
| クロロフィル-c (μg/l)                         |  |        | 0.2              |              | 0.0    | 0.0      | 2.4      | 0.4        | 2.7       |                |  | 3.7   | 3.7      | 0.0     | 1.3     |         |
| フエオ色素 (μg/l)                            |  |        | 11.6             |              | 1.5    | 3.5      | 8.6      | 8.2        | 5.3       |                |  | 4.3   | 11.6     | 1.5     | 6.1     |         |
| SO <sub>4</sub> <sup>2-</sup> (μg/l)    |  |        |                  |              |        |          |          |            |           |                |  |       |          |         |         |         |
| Cl (mg/l)                               |  |        | 9.5              |              |        | 9.1      |          |            | 9.4       |                |  | 9.9   | 9.9      | 9.1     | 9.5     |         |
| Na (mg/l)                               |  |        |                  |              |        |          |          |            |           |                |  |       |          |         |         |         |
| K (mg/l)                                |  |        |                  |              |        |          |          |            |           |                |  |       |          |         |         |         |
| Ca (mg/l)                               |  |        |                  |              |        |          |          |            |           |                |  |       |          |         |         |         |
| Mg (mg/l)                               |  |        |                  |              |        |          |          |            |           |                |  |       |          |         |         |         |
| Mn (mg/l)                               |  |        |                  |              |        |          |          |            |           |                |  |       |          |         |         |         |
| 溶存態Fe (mg/l)                            |  |        |                  |              |        |          |          |            |           |                |  |       |          |         |         |         |
| 全Fe (mg/l)                              |  |        |                  |              |        |          |          |            |           |                |  |       |          |         |         |         |
| Cu (mg/l)                               |  |        |                  |              |        |          |          |            |           |                |  |       |          |         |         |         |
| Zn (mg/l)                               |  |        |                  |              |        |          |          |            |           |                |  |       |          |         |         |         |
| EC (mS/m)                               |  |        | 7.6              |              | 10.4   | 10.9     | 10.7     | 9.9        | 8.3       |                |  | 5.7   | 10.9     | 5.7     | 9.1     |         |

| コ<br>都<br>道<br>府<br>県           | 統地<br>一<br>番<br>号<br>点                  | 類<br>型 | 調<br>査<br>年<br>度 | 水域名      |          | 調査担当     |            | 採水:            |           | 分析:      |         | 最大値     | 最小値     | 平均値  |
|---------------------------------|---|--------|------------------|----------|----------|----------|------------|----------------|-----------|----------|---------|---------|---------|------|
|                                 |   |        |                  | 余呉湖      | 地点名      | 機関名      | 湖北地域振興局環境課 | 琵琶湖・環境科学研究センター |           |          |         |         |         |      |
| 25                              |   |        | 2005             |          | 最深部6m    |          |            |                |           |          |         |         |         |      |
| 一<br>般<br>項<br>環<br>境<br>項<br>目 | 採水月日                                    |        |                  | H17.5.17 | H17.7.19 | H17.8.22 | H17.9.26   | H17.10.17      | H17.11.21 | H18.2.20 |         |         |         |      |
|                                 | 採水時刻                                    |        |                  | 10:20    | 10:28    | 10:39    | 10:25      | 10:23          | 10:36     | 10:31    |         |         |         |      |
| 湖                               | 天 候                                     |        |                  | 晴        | 曇時々晴     | 曇一時雨     | 曇          | 曇              | 晴         | 雪のち雨     |         |         |         |      |
|                                 | 気 温 (°C)                                |        |                  |          |          |          |            |                |           |          |         | 0.0     | 0.0     | 0.0  |
| 沼                               | 水 温 (°C)                                |        |                  | 15.1     | 19.9     | 25.2     | 24.3       | 21.8           | 12.7      | 3.8      | 25.2    | 3.8     | 17.5    |      |
|                                 | 採取水深 (m)                                |        |                  | 6.0      | 6.0      | 6.0      | 6.0        | 6.0            | 6.0       | 6.0      | 6.0     | 6.0     | 6.0     | 6.0  |
| 生<br>活<br>環<br>境<br>項<br>目      | 全 水 深 (m)                               |        |                  |          |          |          |            |                |           |          | 0.0     | 0.0     | 0.0     |      |
|                                 | 透 明 度 (m)                               |        |                  |          |          |          |            |                |           |          |         | 0.0     | 0.0     | 0.0  |
| 目                               | pH                                      |        |                  | 7.5      | 7.2      | 7.5      | 7.7        | 7.6            | 7.9       | 8.3      | 8.3     | 7.2     | 7.7     |      |
|                                 | DO (mg/l)                               |        |                  | 7.8      | 1.3      | 0.7      | 7.6        | 7.1            | 8.2       | 13.2     | 13.2    | 0.7     | 6.6     |      |
| 目                               | DO (%)                                  |        |                  | 80       | 15       | 9        | 93         | 83             | 80        | 103      | 103     | 9       | 66      |      |
|                                 | BOD (mg/l)                              |        |                  | 1.4      | <0.5     | 0.8      | 1.4        | 1.0            | 1.6       | 1.6      | 1.6     | 0.8     | 1.3     |      |
| 目                               | COD (mg/l)                              |        |                  | 3.7      | 3.1      | 3.2      | 4.0        | 4.1            | 4.7       | 3.8      | 4.7     | 3.1     | 3.8     |      |
|                                 | SS (mg/l)                               |        |                  | 3.2      | 3.8      | 2.0      | 5.0        | 5.8            | 7.4       | 4.4      | 7.4     | 2.0     | 4.5     |      |
| 目                               | 大腸菌群数 (MPN/100ml)                       |        |                  | 4.9E+01  |          | 1.1E+04  |            |                | 1.7E+01   | 2.0E+00  | 1.1E+04 | 2.0E+00 | 2.8E+03 |      |
|                                 | T-N (mg/l)                              |        |                  | 0.36     | 0.48     | 0.41     | 0.40       | 0.43           | 0.49      | 0.39     | 0.49    | 0.36    | 0.42    |      |
| 目                               | T-P (mg/l)                              |        |                  | 0.026    | 0.022    | 0.029    | 0.028      | 0.027          | 0.034     | 0.022    | 0.034   | 0.022   | 0.027   |      |
|                                 | NH <sub>4</sub> <sup>+</sup> -N (mg/l)  |        |                  | 0.01     | 0.01     | 0.02     | 0.02       | 0.02           | 0.01      |          | <0.01   | 0.02    | 0.01    | 0.02 |
| 目                               | Kj-N (mg/l)                             |        |                  |          |          |          |            |                |           |          |         |         |         |      |
|                                 | NO <sub>2</sub> <sup>-</sup> -N (mg/l)  |        |                  | 0.001    | 0.001    | 0.004    | 0.001      | <0.001         | 0.003     | 0.003    | 0.004   | 0.001   | 0.002   |      |
| 目                               | NO <sub>3</sub> <sup>-</sup> -N (mg/l)  |        |                  | <0.01    | 0.13     | 0.10     | <0.01      | <0.01          | 0.02      | 0.12     | 0.13    | 0.02    | 0.09    |      |
|                                 | Org-N (mg/l)                            |        |                  | 0.35     | 0.34     | 0.29     | 0.38       | 0.41           | 0.46      | 0.26     | 0.46    | 0.26    | 0.36    |      |
| 目                               | PO <sub>4</sub> <sup>3-</sup> -P (mg/l) |        |                  | <0.001   | 0.001    | 0.002    | 0.002      | 0.002          | 0.004     | 0.002    | 0.004   | 0.001   | 0.002   |      |
|                                 | クロロフィル-a (μg/l)                         |        |                  | 9.9      | 5.0      | 5.1      | 24.1       | 11.9           | 26.8      | 17.7     | 26.8    | 5.0     | 14.4    |      |
| 目                               | クロロフィル-b (μg/l)                         |        |                  | 0.0      | 0.0      | 0.1      | 0.6        | 0.0            | 0.3       | 0.0      | 0.6     | 0.0     | 0.1     |      |
|                                 | クロロフィル-c (μg/l)                         |        |                  | 0.1      | 0.0      | 0.0      | 1.3        | 0.0            | 1.5       | 4.7      | 4.7     | 0.0     | 1.1     |      |
| 目                               | フエオ色素 (μg/l)                            |        |                  | 2.8      | 3.7      | 3.2      | 7.3        | 6.6            | 6.4       | 10.1     | 10.1    | 2.8     | 5.7     |      |
|                                 | SO <sub>4</sub> <sup>2-</sup> (μg/l)    |        |                  |          |          |          |            |                |           |          |         |         |         |      |
| 目                               | Cl (mg/l)                               |        |                  | 9.5      |          | 9.2      |            |                | 9.4       | 9.8      | 9.8     | 9.2     | 9.5     |      |
|                                 | Na (mg/l)                               |        |                  |          |          |          |            |                |           |          |         |         |         |      |
| 目                               | K (mg/l)                                |        |                  |          |          |          |            |                |           |          |         |         |         |      |
|                                 | Ca (mg/l)                               |        |                  |          |          |          |            |                |           |          |         |         |         |      |
| 目                               | Mg (mg/l)                               |        |                  |          |          |          |            |                |           |          |         |         |         |      |
|                                 | Mn (mg/l)                               |        |                  |          |          |          |            |                |           |          |         |         |         |      |
| 目                               | 溶存態Fe (mg/l)                            |        |                  |          |          |          |            |                |           |          |         |         |         |      |
|                                 | 全Fe (mg/l)                              |        |                  |          |          |          |            |                |           |          |         |         |         |      |
| 目                               | Cu (mg/l)                               |        |                  |          |          |          |            |                |           |          |         |         |         |      |
|                                 | Zn (mg/l)                               |        |                  |          |          |          |            |                |           |          |         |         |         |      |
| 目                               | EC (mS/m)                               |        |                  | 8.2      | 11.0     | 11.7     | 11.1       | 10.5           | 8.8       | 6.1      | 11.7    | 6.1     | 9.6     |      |

| コ<br>都<br>道<br>府<br>県                   | 統地<br>一<br>番<br>号<br>点                 | 類<br>型 | 調<br>査<br>年<br>度 | 水域名          |          | 調査担当     |          | 採水:        |           | 分析:            |       | 最大値     | 最小値     | 平均値     |
|---|--|--------|------------------|--------------|----------|----------|----------|------------|-----------|----------------|-------|---------|---------|---------|
|   |  |        |                  | 余呉湖          |          | 機関名      |          | 湖北地域振興局環境課 |           | 琵琶湖・環境科学研究センター |       |         |         |         |
| 25                                      |  |        | 2005             | 地点名<br>最深部8m |          |          |          |            |           |                |       |         |         |         |
| 一<br>般<br>項<br>環<br>境<br>目<br>目         | 採水月日                                   |        |                  | H17.5.17     | H17.7.19 | H17.8.22 | H17.9.26 | H17.10.17  | H17.11.21 | H18.2.20       |       |         |         |         |
|   | 採水時刻                                   |        |                  | 10:20        | 10:28    | 10:39    | 10:25    | 10:23      | 10:36     | 10:31          |       |         |         |         |
|   | 天 候                                    |        |                  | 晴            | 曇時々晴     | 曇一時雨     | 曇        | 曇          | 晴         | 雪のち雨           |       |         |         |         |
|   | 気 温 (°C)                               |        |                  |              |          |          |          |            |           |                |       | 0.0     | 0.0     | 0.0     |
|   | 水 温 (°C)                               |        |                  | 14.2         | 19.3     | 23.1     | 24.3     | 21.8       | 12.8      | 3.8            |       | 24.3    | 3.8     | 17.0    |
|   | 湖 採取水深 (m)                             |        |                  | 8.0          | 8.0      | 8.0      | 8.0      | 8.0        | 8.0       | 8.0            |       | 8.0     | 8.0     | 8.0     |
|   | 沼 全水深 (m)                              |        |                  |              |          |          |          |            |           |                |       | 0.0     | 0.0     | 0.0     |
|   | 沼 透明度 (m)                              |        |                  |              |          |          |          |            |           |                |       | 0.0     | 0.0     | 0.0     |
|   | pH                                     |        |                  | 7.4          | 7.1      | 7.2      | 7.6      | 7.6        | 7.9       | 8.3            |       | 8.3     | 7.1     | 7.6     |
|   | 生活 DO (mg/l)                           |        |                  | 7.4          | 0.5      | 0.1      | 7.9      | 7.3        | 8.2       | 13.1           |       | 13.1    | 0.1     | 6.4     |
|   | DO (%)                                 |        |                  | 75           | 6        | 1        | 96       | 85         | 80        | 103            |       | 103     | 1       | 64      |
|   | BOD (mg/l)                             |        |                  | 1.0          | 0.6      | 0.7      | 1.4      | 0.8        | 1.3       | 1.3            |       | 1.4     | 0.6     | 1.0     |
|   | COD (mg/l)                             |        |                  | 3.2          | 3.2      | 3.0      | 3.8      | 3.8        | 4.5       | 3.9            |       | 4.5     | 3.0     | 3.6     |
|   | SS (mg/l)                              |        |                  | 3.0          | 3.6      | 2.6      | 4.8      | 5.8        | 7.6       | 4.6            |       | 7.6     | 2.6     | 4.6     |
|   | 大腸菌群数 (MPN/100ml)                      |        |                  | 3.3E+01      |          | 3.3E+03  |          |            | 4.6E+01   |                | <2    | 3.3E+03 | 3.3E+01 | 1.1E+03 |
|   | T-N (mg/l)                             |        |                  | 0.35         | 0.44     | 0.47     | 0.41     | 0.38       | 0.45      | 0.40           |       | 0.47    | 0.35    | 0.41    |
|   | T-P (mg/l)                             |        |                  | 0.020        | 0.020    | 0.039    | 0.024    | 0.026      | 0.033     | 0.021          |       | 0.039   | 0.020   | 0.026   |
|   | NH <sub>4</sub> <sup>+</sup> -N (mg/l) |        |                  | 0.01         | 0.01     | 0.06     | 0.01     | 0.01       | <0.01     | <0.01          |       | 0.06    | 0.01    | 0.02    |
|   | Kj-N (mg/l)                            |        |                  |              |          |          |          |            |           |                |       |         |         |         |
|   | NO <sub>2</sub> <sup>-</sup> -N (mg/l) |        |                  | 0.001        | 0.001    | 0.012    | 0.001    | <0.001     | 0.003     | 0.003          |       | 0.012   | 0.001   | 0.004   |
| NO <sub>3</sub> <sup>-</sup> -N (mg/l)  |  |        | 0.02             | 0.12         | 0.12     | <0.01    | <0.01    | 0.02       | 0.12      |                | 0.12  | 0.02    | 0.08    |         |
| Org-N (mg/l)                            |  |        | 0.32             | 0.31         | 0.28     | 0.40     | 0.37     | 0.43       | 0.28      |                | 0.43  | 0.28    | 0.34    |         |
| PO <sub>4</sub> <sup>3-</sup> -P (mg/l) |  |        | <0.001           | 0.001        | 0.006    | 0.002    | 0.002    | 0.002      | 0.002     |                | 0.006 | 0.001   | 0.003   |         |
| クロロフィル-a (μg/l)                         |  |        | 7.6              | 5.1          | 3.6      | 21.2     | 10.6     | 19.7       | 22.6      |                | 22.6  | 3.6     | 12.9    |         |
| クロロフィル-b (μg/l)                         |  |        | 0.0              | 0.0          | 0.0      | 0.5      | 0.0      | 0.3        | 0.0       |                | 0.5   | 0.0     | 0.1     |         |
| クロロフィル-c (μg/l)                         |  |        | 0.7              | 0.3          | 0.0      | 1.4      | 0.0      | 1.7        | 5.4       |                | 5.4   | 0.0     | 1.4     |         |
| フエオ色素 (μg/l)                            |  |        | 3.1              | 3.5          | 3.3      | 5.2      | 10.3     | 6.2        | 4.3       |                | 10.3  | 3.1     | 5.1     |         |
| SO <sub>4</sub> <sup>2-</sup> (μg/l)    |  |        |                  |              |          |          |          |            |           |                |       |         |         |         |
| Cl (mg/l)                               |  |        | 9.6              |              | 9.5      |          |          | 9.5        | 9.9       |                | 9.9   | 9.5     | 9.6     |         |
| Na (mg/l)                               |  |        |                  |              |          |          |          |            |           |                |       |         |         |         |
| K (mg/l)                                |  |        |                  |              |          |          |          |            |           |                |       |         |         |         |
| Ca (mg/l)                               |  |        |                  |              |          |          |          |            |           |                |       |         |         |         |
| Mg (mg/l)                               |  |        |                  |              |          |          |          |            |           |                |       |         |         |         |
| Mn (mg/l)                               |  |        |                  |              |          |          |          |            |           |                |       |         |         |         |
| 溶存態Fe (mg/l)                            |  |        |                  |              |          |          |          |            |           |                |       |         |         |         |
| 全Fe (mg/l)                              |  |        |                  |              |          |          |          |            |           |                |       |         |         |         |
| Cu (mg/l)                               |  |        |                  |              |          |          |          |            |           |                |       |         |         |         |
| Zn (mg/l)                               |  |        |                  |              |          |          |          |            |           |                |       |         |         |         |
| EC (mS/m)                               |  |        | 8.7              | 11.2         | 12.6     | 11.7     | 11.0     | 9.3        | 6.5       |                | 12.6  | 6.5     | 10.1    |         |

| コ<br>都<br>道<br>府<br>県                      | 統地<br>一<br>番<br>号<br>点                    | 類<br>型 | 調<br>査<br>年<br>度 | 水域名      |          | 調査担当     |          | 採水:        |           | 分析:            |       | 最大値     | 最小値     | 平均値     |
|--|---|--------|------------------|----------|----------|----------|----------|------------|-----------|----------------|-------|---------|---------|---------|
|  |   |        |                  | 余呉湖      |          | 機関名      |          | 湖北地域振興局環境課 |           | 琵琶湖・環境科学研究センター |       |         |         |         |
| 25   |   |        | 2005             | 地点名      |          | 最深部10m   |          |            |           |                |       |         |         |         |
| 一<br>般<br>項<br>環<br>境<br>目<br>目            | 採水月日                                      |        |                  | H17.5.17 | H17.7.19 | H17.8.22 | H17.9.26 | H17.10.17  | H17.11.21 | H18.2.20       |       |         |         |         |
|  | 採水時刻                                      |        |                  | 10:20    | 10:28    | 10:39    | 10:25    | 10:23      | 10:36     | 10:31          |       |         |         |         |
|  | 天 候                                       |        |                  | 晴        | 曇時々晴     | 曇一時雨     | 曇        | 曇          | 晴         | 雪のち雨           |       |         |         |         |
|  | 気 温 (°C)                                  |        |                  |          |          |          |          |            |           |                |       | 0.0     | 0.0     | 0.0     |
|  | 水 温 (°C)                                  |        |                  | 13.0     | 19.1     | 22.5     | 24.2     | 21.7       | 12.7      | 3.8            |       | 24.2    | 3.8     | 16.7    |
|  | 湖 採取水深 (m)                                |        |                  | 10.0     | 10.0     | 10.0     | 10.0     | 10.0       | 10.0      | 10.0           |       | 10.0    | 10.0    | 10.0    |
|  | 沼 全水深 (m)                                 |        |                  |          |          |          |          |            |           |                |       | 0.0     | 0.0     | 0.0     |
|  | 沼 透明度 (m)                                 |        |                  |          |          |          |          |            |           |                |       | 0.0     | 0.0     | 0.0     |
|  | pH  |        |                  | 7.1      | 7.1      | 7.0      | 7.7      | 7.7        | 7.8       | 8.4            |       | 8.4     | 7.0     | 7.5     |
|  | 生活 DO (mg/l)                              |        |                  | 3.8      | 0.2      | 0.0      | 7.6      | 7.1        | 8.1       | 13.1           |       | 13.1    | 0.0     | 5.7     |
|  | 生活 DO (%)                                 |        |                  | 37       | 2        | 0        | 92       | 83         | 79        | 103            |       | 103     | 0       | 57      |
|  | 生活 BOD (mg/l)                             |        |                  | 0.9      | <0.5     | 0.8      | 1.0      | 0.8        | 1.3       | 1.4            |       | 1.4     | 0.8     | 1.0     |
|  | 生活 COD (mg/l)                             |        |                  | 3.2      | 2.9      | 3.0      | 3.6      | 3.7        | 4.4       | 3.7            |       | 4.4     | 2.9     | 3.5     |
|  | 生活 SS (mg/l)                              |        |                  | 4.6      | 3.8      | 3.2      | 4.8      | 5.6        | 8.2       | 4.6            |       | 8.2     | 3.2     | 5.0     |
|  | 生活 大腸菌群数 (MPN/100ml)                      |        |                  | 2.3E+01  |          | 3.3E+03  |          |            | 2.2E+01   | 5.0E+00        |       | 3.3E+03 | 5.0E+00 | 8.4E+02 |
|  | 生活 T-N (mg/l)                             |        |                  | 0.31     | 0.46     | 0.49     | 0.34     | 0.38       | 0.41      | 0.39           |       | 0.49    | 0.31    | 0.40    |
|  | 生活 T-P (mg/l)                             |        |                  | 0.026    | 0.021    | 0.045    | 0.022    | 0.026      | 0.035     | 0.022          |       | 0.045   | 0.021   | 0.028   |
|  | 生活 NH <sub>4</sub> <sup>+</sup> -N (mg/l) |        |                  | 0.01     | 0.01     | 0.11     | 0.01     | 0.01       | <0.01     | <0.01          |       | 0.11    | 0.01    | 0.03    |
|  | 生活 Kj-N (mg/l)                            |        |                  |          |          |          |          |            |           |                |       |         |         |         |
|  | 生活 NO <sub>2</sub> <sup>-</sup> -N (mg/l) |        |                  | 0.001    | 0.001    | 0.016    | 0.001    | <0.001     | 0.003     | 0.003          |       | 0.016   | 0.001   | 0.004   |
| 生活 NO <sub>3</sub> <sup>-</sup> -N (mg/l)  |   |        | 0.01             | 0.17     | 0.09     | <0.01    | <0.01    | 0.02       | 0.12      |                | 0.17  | 0.01    | 0.08    |         |
| 生活 Org-N (mg/l)                            |   |        | 0.29             | 0.28     | 0.27     | 0.33     | 0.37     | 0.39       | 0.27      |                | 0.39  | 0.27    | 0.31    |         |
| 生活 PO <sub>4</sub> <sup>3-</sup> -P (mg/l) |   |        | 0.002            | 0.003    | 0.008    | 0.002    | 0.003    | 0.003      | 0.002     |                | 0.008 | 0.002   | 0.003   |         |
| 生活 ㊦㊦㊦- <i>a</i> (μg/l)                    |   |        | 7.4              | 3.1      | 3.1      | 16.5     | 9.2      | 19.4       | 20.8      |                | 20.8  | 3.1     | 11.4    |         |
| 生活 ㊦㊦㊦- <i>b</i> (μg/l)                    |   |        | 0.0              | 0.0      | 0.0      | 0.7      | 0.0      | 0.4        | 0.0       |                | 0.7   | 0.0     | 0.2     |         |
| 生活 ㊦㊦㊦- <i>c</i> (μg/l)                    |   |        | 0.0              | 0.0      | 0.0      | 1.7      | 0.0      | 1.8        | 4.4       |                | 4.4   | 0.0     | 1.1     |         |
| 生活 フェオ色素 (μg/l)                            |   |        | 0.9              | 4.3      | 2.5      | 3.7      | 5.7      | 8.0        | 3.5       |                | 8.0   | 0.9     | 4.1     |         |
| 生活 SO <sub>4</sub> <sup>2-</sup> (μg/l)    |   |        |                  |          |          |          |          |            |           |                |       |         |         |         |
| 生活 Cl (mg/l)                               |   |        | 9.4              |          | 9.5      |          |          | 9.4        | 9.9       |                | 9.9   | 9.4     | 9.6     |         |
| 生活 Na (mg/l)                               |   |        |                  |          |          |          |          |            |           |                |       |         |         |         |
| 生活 K (mg/l)                                |   |        |                  |          |          |          |          |            |           |                |       |         |         |         |
| 生活 Ca (mg/l)                               |   |        |                  |          |          |          |          |            |           |                |       |         |         |         |
| 生活 Mg (mg/l)                               |   |        |                  |          |          |          |          |            |           |                |       |         |         |         |
| 生活 Mn (mg/l)                               |   |        |                  |          |          |          |          |            |           |                |       |         |         |         |
| 生活 溶存態Fe (mg/l)                            |   |        |                  |          |          |          |          |            |           |                |       |         |         |         |
| 生活 全Fe (mg/l)                              |   |        |                  |          |          |          |          |            |           |                |       |         |         |         |
| 生活 Cu (mg/l)                               |   |        |                  |          |          |          |          |            |           |                |       |         |         |         |
| 生活 Zn (mg/l)                               |   |        |                  |          |          |          |          |            |           |                |       |         |         |         |
| 生活 EC (mS/m)                               |   |        | 8.8              | 11.8     | 13.3     | 12.1     | 11.5     | 9.7        | 6.8       |                | 13.3  | 6.8     | 10.6    |         |

| コ<br>都<br>道<br>府<br>県                   | 統地<br>一<br>番<br>号<br>点                 | 類<br>型 | 調<br>査<br>年<br>度 | 水域名      |          | 調査担当     |          | 採水:        |           | 分析:            |         | 最大値     | 最小値     | 平均値     |
|---|--|--------|------------------|----------|----------|----------|----------|------------|-----------|----------------|---------|---------|---------|---------|
|   |  |        |                  | 余呉湖      |          | 機関名      |          | 湖北地域振興局環境課 |           | 琵琶湖・環境科学研究センター |         |         |         |         |
| 25                                      |  |        | 2005             | 地点名      |          | 最深部底層    |          |            |           |                |         |         |         |         |
| 一<br>般<br>項<br>環<br>境<br>目<br>目         | 採水月日                                   |        |                  | H17.5.17 | H17.7.19 | H17.8.22 | H17.9.26 | H17.10.17  | H17.11.21 | H18.2.20       |         |         |         |         |
|   | 採水時刻                                   |        |                  | 10:20    | 10:28    | 10:39    | 10:25    | 10:23      | 10:36     | 10:31          |         |         |         |         |
|   | 天 候                                    |        |                  | 晴        | 曇時々晴     | 曇一時雨     | 曇        | 曇          | 晴         | 雪のち雨           |         |         |         |         |
|   | 気 温 (°C)                               |        |                  |          |          |          |          |            |           |                | 0.0     | 0.0     | 0.0     |         |
|   | 水 温 (°C)                               |        |                  | 12.5     | 19.0     | 22.3     | 24.2     | 21.7       | 12.6      | 3.8            | 24.2    | 3.8     | 16.6    |         |
|   | 採取水深 (m)                               |        |                  | 底層       | 底層       | 底層       | 底層       | 底層         | 底層        | 底層             | 0.0     | 0.0     | #DIV/0! |         |
|   | 全水深 (m)                                |        |                  |          |          |          |          |            |           |                | 0.0     | 0.0     | 0.0     |         |
|   | 透明度 (m)                                |        |                  |          |          |          |          |            |           |                | 0.0     | 0.0     | 0.0     |         |
|   | pH                                     |        |                  | 7.0      | 7.1      | 7.3      | 7.7      | 7.6        | 7.8       | 8.2            | 8.2     | 7.0     | 7.5     |         |
|   | DO (mg/l)                              |        |                  | 2.8      | 0.0      | 0.0      | 7.5      | 7.2        | 7.9       | 12.7           | 12.7    | 0.0     | 5.4     |         |
|   | DO (%)                                 |        |                  | 27       | 0        | 0        | 91       | 84         | 77        | 99             | 99      | 0       | 54      |         |
|   | BOD (mg/l)                             |        |                  | 0.9      | <0.5     | 1.2      | 1.0      | 0.8        | 1.2       | 1.2            | 1.2     | 0.8     | 1.1     |         |
|   | COD (mg/l)                             |        |                  | 3.5      | 2.9      | 3.3      | 3.5      | 4.1        | 4.5       | 3.7            | 4.5     | 2.9     | 3.6     |         |
|   | SS (mg/l)                              |        |                  | 7.4      | 4.4      | 4.0      | 5.4      | 6.8        | 8.6       | 4.8            | 8.6     | 4.0     | 5.9     |         |
|   | 大腸菌群数 (MPN/100ml)                      |        |                  | 3.3E+01  |          | 1.1E+04  |          |            | 1.2E+01   |                | 8.0E+00 | 1.1E+04 | 8.0E+00 | 2.8E+03 |
|   | T-N (mg/l)                             |        |                  | 0.37     | 0.48     | 0.53     | 0.37     | 0.43       | 0.40      | 0.40           | 0.53    | 0.37    | 0.43    |         |
|   | T-P (mg/l)                             |        |                  | 0.035    | 0.024    | 0.059    | 0.023    | 0.028      | 0.032     | 0.021          | 0.059   | 0.021   | 0.032   |         |
|   | NH <sub>4</sub> <sup>+</sup> -N (mg/l) |        |                  | 0.02     | 0.01     | 0.16     | 0.02     | 0.02       | <0.01     |                | <0.01   | 0.16    | 0.01    | 0.05    |
|   | Kj-N (mg/l)                            |        |                  |          |          |          |          |            |           |                |         |         |         |         |
|   | NO <sub>2</sub> <sup>-</sup> -N (mg/l) |        |                  | 0.001    | <0.001   | 0.020    | 0.001    | <0.001     | 0.003     | 0.003          | 0.020   | 0.001   | 0.006   |         |
| NO <sub>3</sub> <sup>-</sup> -N (mg/l)  |  |        | 0.01             | 0.18     | 0.08     | <0.01    | <0.01    | 0.02       | 0.12      | 0.18           | 0.01    | 0.08    |         |         |
| Org-N (mg/l)                            |  |        | 0.34             | 0.29     | 0.27     | 0.35     | 0.41     | 0.38       | 0.28      | 0.41           | 0.27    | 0.33    |         |         |
| PO <sub>4</sub> <sup>3-</sup> -P (mg/l) |  |        | 0.004            | 0.005    | 0.010    | 0.001    | 0.003    | 0.003      | 0.002     | 0.010          | 0.001   | 0.004   |         |         |
| クロロフィル-a (μg/l)                         |  |        | 9.0              | 2.7      | 3.1      | 16.3     | 10.1     | 19.9       | 18.1      | 19.9           | 2.7     | 11.3    |         |         |
| クロロフィル-b (μg/l)                         |  |        | 0.0              | 0.2      | 0.0      | 0.4      | 0.0      | 0.2        | 0.0       | 0.4            | 0.0     | 0.1     |         |         |
| クロロフィル-c (μg/l)                         |  |        | 0.0              | 0.0      | 0.0      | 1.0      | 0.0      | 1.6        | 4.1       | 4.1            | 0.0     | 1.0     |         |         |
| フエオ色素 (μg/l)                            |  |        | 3.5              | 2.7      | 1.6      | 5.5      | 10.5     | 7.5        | 4.5       | 10.5           | 1.6     | 5.1     |         |         |
| SO <sub>4</sub> <sup>2-</sup> (μg/l)    |  |        |                  |          |          |          |          |            |           |                |         |         |         |         |
| Cl (mg/l)                               |  |        | 9.4              |          | 9.6      |          |          | 9.4        |           | 9.8            | 9.4     | 9.6     |         |         |
| Na (mg/l)                               |  |        |                  |          |          |          |          |            |           |                |         |         |         |         |
| K (mg/l)                                |  |        |                  |          |          |          |          |            |           |                |         |         |         |         |
| Ca (mg/l)                               |  |        |                  |          |          |          |          |            |           |                |         |         |         |         |
| Mg (mg/l)                               |  |        |                  |          |          |          |          |            |           |                |         |         |         |         |
| Mn (mg/l)                               |  |        |                  |          |          |          |          |            |           |                |         |         |         |         |
| 溶存態Fe (mg/l)                            |  |        |                  |          |          |          |          |            |           |                |         |         |         |         |
| 全Fe (mg/l)                              |  |        |                  |          |          |          |          |            |           |                |         |         |         |         |
| Cu (mg/l)                               |  |        |                  |          |          |          |          |            |           |                |         |         |         |         |
| Zn (mg/l)                               |  |        |                  |          |          |          |          |            |           |                |         |         |         |         |
| EC (mS/m)                               |  |        | 9.0              | 12.2     | 13.7     | 12.4     | 11.8     | 10.0       |           | 7.0            | 13.7    | 7.0     | 10.9    |         |

| コ<br>都<br>道<br>府<br>県                   | 統地<br>一<br>番<br>号<br>点                 | 類<br>型 | 調<br>査<br>年<br>度 | 水域名      |          | 調査担当<br>機関名 | 採水:        |                | 分析:       | 最大値      | 最小値     | 平均値     |         |         |
|---|--|--------|------------------|----------|----------|-------------|------------|----------------|-----------|----------|---------|---------|---------|---------|
|   |  |        |                  | 余呉湖      | 導水路沖     |             | 湖北地域振興局環境課 | 琵琶湖・環境科学研究センター |           |          |         |         |         |         |
| 25                                      |  |        | 2005             |          |          |             |            |                |           |          |         |         |         |         |
| 一<br>般<br>項<br>環<br>境<br>項<br>目         | 採水月日                                   |        |                  | H17.5.17 | H17.7.19 | H17.8.22    | H17.9.26   | H17.10.17      | H17.11.21 | H18.2.20 |         |         |         |         |
|   | 採水時刻                                   |        |                  | 10:00    | 10:06    | 10:20       | 10:08      | 10:03          | 10:10     | 10:13    |         |         |         |         |
|   | 天 候                                    |        |                  | 晴        | 曇時々晴     | 曇一時雨        | 曇          | 曇              | 晴         | 雪のち雨     |         |         |         |         |
|   | 気 温 (°C)                               |        |                  | 15.0     | 24.2     | 28.8        | 20.5       | 19.9           | 8.2       | 1.5      | 28.8    | 1.5     | 16.9    |         |
|   | 水 温 (°C)                               |        |                  | 16.6     | 27.5     | 28.4        | 24.5       | 22.6           | 13.8      | 3.6      | 28.4    | 3.6     | 19.6    |         |
|   | 湖 採取水深 (m)                             |        |                  | 0.5      | 0.5      | 0.5         | 0.5        | 0.5            | 0.5       | 0.5      | 0.5     | 0.5     | 0.5     |         |
|   | 全 水 深 (m)                              |        |                  | 6.2      | 5.8      | 5.7         | 5.5        | 5.5            | 5.4       | 6.4      | 6.4     | 5.4     | 5.8     |         |
|   | 沼 透 明 度 (m)                            |        |                  | 2.6      | 2.7      | 2.2         | 1.9        | 1.8            | 1.9       | 2.5      | 2.7     | 1.8     | 2.2     |         |
|   | pH                                     |        |                  | 7.6      | 8.7      | 7.6         | 8.0        | 7.8            | 8.3       | 8.7      | 8.7     | 7.6     | 8.1     |         |
|   | 生活 環境 項目 DO (mg/l)                     |        |                  | 8.5      | 7.6      | 8.5         | 8.9        | 7.2            | 8.8       | 12.5     | 12.5    | 7.2     | 8.9     |         |
|   | DO (%)                                 |        |                  | 90       | 97       | 110         | 109        | 85             | 88        | 97       | 110     | 85      | 97      |         |
|   | BOD (mg/l)                             |        |                  | 1.2      | <0.5     | 1.0         | 2.1        | 0.8            | 2.5       | 1.5      | 2.5     | 0.8     | 1.5     |         |
|   | COD (mg/l)                             |        |                  | 3.3      | 3.4      | 3.3         | 4.1        | 3.8            | 4.6       | 3.7      | 4.6     | 3.3     | 3.7     |         |
|   | SS (mg/l)                              |        |                  | 2.4      | 2.0      | 2.2         | 5.0        | 3.8            | 3.5       | 3.8      | 5.0     | 2.0     | 3.2     |         |
|   | 大腸菌群数 (MPN/100ml)                      |        |                  | 7.9E+01  |          | 7.9E+02     |            |                | 4.6E+01   |          | 5.0E+00 | 7.9E+02 | 5.0E+00 | 2.3E+02 |
|   | T-N (mg/l)                             |        |                  | 0.31     | 0.30     | 0.34        | 0.35       | 0.31           | 0.46      | 0.40     | 0.46    | 0.30    | 0.35    |         |
|   | T-P (mg/l)                             |        |                  | 0.020    | 0.015    | 0.029       | 0.026      | 0.024          | 0.031     | 0.021    | 0.031   | 0.015   | 0.024   |         |
|   | NH <sub>4</sub> <sup>+</sup> -N (mg/l) |        |                  | <0.01    | <0.01    | 0.01        | <0.01      | 0.02           | <0.01     |          | <0.01   | 0.02    | 0.01    | 0.02    |
|   | Kj-N (mg/l)                            |        |                  |          |          |             |            |                |           |          |         |         |         |         |
|   | NO <sub>2</sub> <sup>-</sup> -N (mg/l) |        |                  | <0.001   | <0.001   | 0.001       | <0.001     | <0.001         | 0.003     | 0.003    | 0.003   | 0.001   | 0.002   |         |
| NO <sub>3</sub> <sup>-</sup> -N (mg/l)  |  |        | <0.01            | <0.01    | 0.01     | <0.01       | <0.01      | 0.02           | 0.12      | 0.12     | 0.01    | 0.05    |         |         |
| Org-N (mg/l)                            |  |        | 0.31             | 0.30     | 0.32     | 0.35        | 0.29       | 0.44           | 0.28      | 0.44     | 0.28    | 0.33    |         |         |
| PO <sub>4</sub> <sup>3-</sup> -P (mg/l) |  |        | <0.001           | <0.001   | 0.002    | 0.002       | 0.002      | 0.004          | 0.002     | 0.002    | 0.002   | 0.002   |         |         |
| クロロフィル-a (μg/l)                         |  |        | 4.8              | 5.4      | 5.3      | 30.2        | 9.2        | 16.1           | 16.6      | 30.2     | 4.8     | 12.5    |         |         |
| クロロフィル-b (μg/l)                         |  |        | 0.0              | 0.0      | 0.3      | 0.2         | 0.0        | 0.7            | 0.0       | 0.7      | 0.0     | 0.2     |         |         |
| クロロフィル-c (μg/l)                         |  |        | 0.0              | 0.2      | 0.0      | 2.2         | 0.7        | 0.4            | 3.3       | 3.3      | 0.0     | 1.0     |         |         |
| フエオ色素 (μg/l)                            |  |        | 7.8              | 2.2      | 3.5      | 5.6         | 3.5        | 21.2           | 2.8       | 21.2     | 2.2     | 6.7     |         |         |
| SO <sub>4</sub> <sup>2-</sup> (μg/l)    |  |        |                  |          |          |             |            |                |           |          |         |         |         |         |
| Cl (mg/l)                               |  |        | 9.5              |          | 9.0      |             |            | 9.4            |           | 9.8      | 9.0     | 9.4     |         |         |
| Na (mg/l)                               |  |        |                  |          |          |             |            |                |           |          |         |         |         |         |
| K (mg/l)                                |  |        |                  |          |          |             |            |                |           |          |         |         |         |         |
| Ca (mg/l)                               |  |        |                  |          |          |             |            |                |           |          |         |         |         |         |
| Mg (mg/l)                               |  |        |                  |          |          |             |            |                |           |          |         |         |         |         |
| Mn (mg/l)                               |  |        |                  |          |          |             |            |                |           |          |         |         |         |         |
| 溶存態Fe (mg/l)                            |  |        |                  |          |          |             |            |                |           |          |         |         |         |         |
| 全Fe (mg/l)                              |  |        |                  |          |          |             |            |                |           |          |         |         |         |         |
| Cu (mg/l)                               |  |        |                  |          |          |             |            |                |           |          |         |         |         |         |
| Zn (mg/l)                               |  |        |                  |          |          |             |            |                |           |          |         |         |         |         |
| EC (mS/m)                               |  |        | 6.8              | 9.6      | 9.8      | 9.6         | 9.0        | 7.6            |           | 4.8      | 9.8     | 4.8     | 8.2     |         |



| コ<br>都<br>道<br>府<br>県                   | 統地<br>一<br>番<br>号<br>点                 | 類<br>型 | 調<br>査<br>年<br>度 | 水域名      |       | 調査担当     |            | 採水:            |           | 分析:       |  | 最大値   | 最小値      | 平均値     |         |         |
|---|--|--------|------------------|----------|-------|----------|------------|----------------|-----------|-----------|--|-------|----------|---------|---------|---------|
|   |  |        |                  | 余呉湖      | 川並沖   | 機関名      | 湖北地域振興局環境課 | 琵琶湖・環境科学研究センター |           |           |  |       |          |         |         |         |
| 25                                      |  |        | 2005             |          |       |          |            |                |           |           |  |       |          |         |         |         |
| 一<br>般<br>項<br>環<br>境<br>項<br>目         | 採水月日                                   |        |                  | H17.5.17 |       | H17.7.19 | H17.8.22   | H17.9.26       | H17.10.17 | H17.11.21 |  |       | H18.2.20 |         |         |         |
|   | 採水時刻                                   |        |                  | 10:10    |       | 10:12    | 10:24      | 10:14          | 10:10     | 10:20     |  |       | 10:20    |         |         |         |
|   | 天 候                                    |        |                  | 晴        |       | 曇時々晴     | 曇一時雨       | 曇              | 曇         | 晴         |  |       | 雪のち雨     |         |         |         |
|   | 気 温 (°C)                               |        |                  | 15.0     |       | 24.2     | 28.8       | 20.5           | 19.9      | 8.2       |  |       | 1.5      | 28.8    | 1.5     | 16.9    |
|   | 水 温 (°C)                               |        |                  | 16.7     |       | 27.1     | 28.5       | 23.3           | 21.9      | 12.9      |  |       | 3.2      | 28.5    | 3.2     | 19.1    |
|   | 湖 採取水深 (m)                             |        |                  | 0.5      |       | 0.5      | 0.5        | 0.5            | 0.5       | 0.5       |  |       | 0.5      | 0.5     | 0.5     | 0.5     |
|   | 全 水 深 (m)                              |        |                  | 5.4      |       | 4.9      | 4.9        | 4.7            | 4.7       | 5.3       |  |       | 5.6      | 5.6     | 4.7     | 5.1     |
|   | 沼 透 明 度 (m)                            |        |                  | 2.6      |       | 3.1      | 3.2        | 1.8            | 1.8       | 1.2       |  |       | 2.7      | 3.2     | 1.2     | 2.3     |
|   | pH                                     |        |                  | 7.6      |       | 8.7      | 7.6        | 7.9            | 7.7       | 8.7       |  |       | 8.6      | 8.7     | 7.6     | 8.1     |
|   | 生活 環境 項目 DO (mg/l)                     |        |                  | 9.1      |       | 7.9      | 8.6        | 9.3            | 7.8       | 8.9       |  |       | 13.8     | 13.8    | 7.8     | 9.3     |
|   | DO (%)                                 |        |                  | 97       |       | 101      | 112        | 112            | 91        | 87        |  |       | 106      | 112     | 87      | 101     |
|   | BOD (mg/l)                             |        |                  | 1.4      |       | <0.5     | 0.7        | 2.1            | 1.0       | 5.1       |  |       | 1.4      | 5.1     | 0.7     | 2.0     |
|   | COD (mg/l)                             |        |                  | 3.1      |       | 3.3      | 3.2        | 4.1            | 4.0       | 7.1       |  |       | 3.7      | 7.1     | 3.1     | 4.1     |
|   | SS (mg/l)                              |        |                  | 2.2      |       | 1.4      | 1.4        | 5.4            | 4.6       | 8.5       |  |       | 3.8      | 8.5     | 1.4     | 3.9     |
|   | 大腸菌群数 (MPN/100ml)                      |        |                  | 3.3E+01  |       |          | 7.9E+02    | 1.1E+03        |           | 3.1E+01   |  |       | 8.0E+00  | 1.1E+03 | 0.0E+00 | 2.8E+02 |
|   | T-N (mg/l)                             |        |                  | 0.28     |       | 0.31     | 0.30       | 0.39           | 0.38      | 0.73      |  |       | 0.38     | 0.73    | 0.28    | 0.40    |
|   | T-P (mg/l)                             |        |                  | 0.019    |       | 0.014    | 0.023      | 0.027          | 0.026     | 0.059     |  |       | 0.020    | 0.059   | 0.014   | 0.027   |
|   | NH <sub>4</sub> <sup>+</sup> -N (mg/l) |        |                  | <0.01    |       | <0.01    | 0.01       | <0.01          | <0.01     | <0.01     |  |       | <0.01    | 0.01    | 0.01    | 0.01    |
|   | Kj-N (mg/l)                            |        |                  |          |       |          |            |                |           |           |  |       |          |         |         |         |
|   | NO <sub>2</sub> <sup>-</sup> -N (mg/l) |        |                  | <0.001   |       | <0.001   | 0.001      | 0.001          | <0.001    | 0.002     |  |       | 0.003    | 0.003   | 0.001   | 0.002   |
| NO <sub>3</sub> <sup>-</sup> -N (mg/l)  |  |        | <0.01            |          | <0.01 | 0.01     | <0.01      | <0.01          | <0.01     |           |  | 0.12  | 0.12     | 0.01    | 0.07    |         |
| Org-N (mg/l)                            |  |        | 0.28             |          | 0.31  | 0.28     | 0.39       | 0.38           | 0.72      |           |  | 0.25  | 0.72     | 0.25    | 0.37    |         |
| PO <sub>4</sub> <sup>3-</sup> -P (mg/l) |  |        | <0.001           |          | 0.001 | <0.001   | 0.002      | 0.002          | 0.009     |           |  | 0.002 | 0.009    | 0.001   | 0.003   |         |
| クロロフィル-a (μg/l)                         |  |        | 7.4              |          | 3.4   | 4.4      | 27.0       | 13.7           | 97.8      |           |  | 16.1  | 97.8     | 3.4     | 24.3    |         |
| クロロフィル-b (μg/l)                         |  |        | 0.0              |          | 0.0   | 0.3      | 0.2        | 0.0            | 0.7       |           |  | 0.0   | 0.7      | 0.0     | 0.2     |         |
| クロロフィル-c (μg/l)                         |  |        | 0.0              |          | 0.0   | 0.0      | 2.5        | 0.5            | 6.8       |           |  | 3.6   | 6.8      | 0.0     | 1.9     |         |
| フエオ色素 (μg/l)                            |  |        | 3.3              |          | 2.0   | 2.0      | 5.8        | 4.3            | 10.9      |           |  | 2.9   | 10.9     | 2.0     | 4.5     |         |
| SO <sub>4</sub> <sup>2-</sup> (μg/l)    |  |        |                  |          |       |          |            |                |           |           |  |       |          |         |         |         |
| Cl (mg/l)                               |  |        | 9.5              |          |       | 9.0      |            |                | 9.5       |           |  | 9.8   | 9.8      | 9.0     | 9.5     |         |
| Na (mg/l)                               |  |        |                  |          |       |          |            |                |           |           |  |       |          |         |         |         |
| K (mg/l)                                |  |        |                  |          |       |          |            |                |           |           |  |       |          |         |         |         |
| Ca (mg/l)                               |  |        |                  |          |       |          |            |                |           |           |  |       |          |         |         |         |
| Mg (mg/l)                               |  |        |                  |          |       |          |            |                |           |           |  |       |          |         |         |         |
| Mn (mg/l)                               |  |        |                  |          |       |          |            |                |           |           |  |       |          |         |         |         |
| 溶存態Fe (mg/l)                            |  |        |                  |          |       |          |            |                |           |           |  |       |          |         |         |         |
| 全Fe (mg/l)                              |  |        |                  |          |       |          |            |                |           |           |  |       |          |         |         |         |
| Cu (mg/l)                               |  |        |                  |          |       |          |            |                |           |           |  |       |          |         |         |         |
| Zn (mg/l)                               |  |        |                  |          |       |          |            |                |           |           |  |       |          |         |         |         |
| EC (mS/m)                               |  |        | 7.1              |          | 9.7   | 10.1     | 9.7        | 9.1            | 7.5       |           |  | 4.8   | 10.1     | 4.8     | 8.3     |         |

| コ<br>都<br>道<br>府<br>県                   | 統地<br>一<br>番<br>号<br>点                 | 類<br>型 | 調<br>査<br>年<br>度 | 水域名    |          |       |          | 調査担当     |          | 採水:            |           |  |       | 最大値      | 最小値   | 平均値     |         |         |
|---|--|--------|------------------|--------|----------|-------|----------|----------|----------|----------------|-----------|--|-------|----------|-------|---------|---------|---------|
|   |  |        |                  | 余呉湖    |          |       |          | 機関名      |          | 湖北地域振興局環境課     |           |  |       |          |       |         |         |         |
| 25                                      |  |        | 2005             | 地点名    |          |       |          | 表層平均     |          | 琵琶湖・環境科学研究センター |           |  |       |          |       |         |         |         |
| 一<br>般<br>項<br>環<br>境<br>項<br>目         | 採水月日                                   |        |                  |        | H17.5.17 |       | H17.7.19 | H17.8.22 | H17.9.26 | H17.10.17      | H17.11.21 |  |       | H18.2.20 |       |         |         |         |
|   | 採水時刻                                   |        |                  |        |          |       |          |          |          |                |           |  |       |          |       |         |         |         |
|   | 天 候                                    |        |                  |        |          |       |          |          |          |                |           |  |       |          |       |         |         |         |
|   | 気 温 (°C)                               |        |                  |        |          |       |          |          |          |                |           |  |       |          |       |         |         |         |
|   | 水 温 (°C)                               |        |                  |        | 16.7     |       | 27.4     | 28.4     | 24.2     | 22.2           | 13.1      |  |       | 3.4      |       | 28.4    | 3.4     | 19.4    |
|   | 湖 採取水深 (m)                             |        |                  |        |          |       |          |          |          |                |           |  |       |          |       |         |         |         |
|   | 沼 全水深 (m)                              |        |                  |        |          |       |          |          |          |                |           |  |       |          |       |         |         |         |
|   | 透 明 度 (m)                              |        |                  |        | 2.6      |       | 3.1      | 3.1      | 1.9      | 1.8            | 1.6       |  |       | 2.6      |       | 3.1     | 1.6     | 2.4     |
|   | pH                                     |        |                  |        | 7.6      |       | 8.7      | 7.6      | 7.9      | 7.7            | 8.5       |  |       | 8.6      |       | 8.7     | 7.6     | 8.1     |
|   | 生活 DO (mg/l)                           |        |                  |        | 8.9      |       | 8.0      | 8.3      | 9.3      | 7.8            | 9.3       |  |       | 14.2     |       | 14.2    | 7.8     | 9.4     |
|   | DO (%)                                 |        |                  |        | 94       |       | 103      | 108      | 113      | 92             | 92        |  |       | 110      |       | 113     | 92      | 102     |
|   | BOD (mg/l)                             |        |                  |        | 1.4      |       | 0.5      | 0.8      | 2.2      | 1.0            | 3.4       |  |       | 1.3      |       | 3.4     | 0.5     | 1.5     |
|   | COD (mg/l)                             |        |                  |        | 3.3      |       | 3.4      | 3.2      | 4.2      | 3.9            | 5.9       |  |       | 3.6      |       | 5.9     | 3.2     | 3.9     |
|   | SS (mg/l)                              |        |                  |        | 2.3      |       | 1.6      | 1.5      | 5.3      | 4.3            | 6.4       |  |       | 3.7      |       | 6.4     | 1.5     | 3.6     |
|   | 大腸菌群数 (MPN/100ml)                      |        |                  |        | 5.4E+01  |       |          | 4.4E+03  |          |                | 2.3E+01   |  |       | 6.5E+00  |       | 4.4E+03 | 6.5E+00 | 1.1E+03 |
|   | T-N (mg/l)                             |        |                  |        | 0.30     |       | 0.31     | 0.30     | 0.40     | 0.33           | 0.62      |  |       | 0.38     |       | 0.62    | 0.30    | 0.38    |
|   | T-P (mg/l)                             |        |                  |        | 0.020    |       | 0.023    | 0.024    | 0.028    | 0.025          | 0.048     |  |       | 0.019    |       | 0.048   | 0.019   | 0.027   |
|   | NH <sub>4</sub> <sup>+</sup> -N (mg/l) |        |                  |        | <0.01    |       | 0.01     | 0.01     | <0.01    | 0.02           | <0.01     |  |       | <0.01    |       | 0.02    | <0.01   | 0.01    |
|   | Kj-N (mg/l)                            |        |                  |        |          |       |          |          |          |                |           |  |       |          |       |         |         |         |
|   | NO <sub>2</sub> <sup>-</sup> -N (mg/l) |        |                  |        | <0.001   |       | 0.001    | 0.001    | 0.001    | 0.001          | 0.003     |  |       | 0.003    |       | 0.003   | <0.001  | 0.002   |
| NO <sub>3</sub> <sup>-</sup> -N (mg/l)  |  |        |                  | <0.01  |          | 0.01  | 0.01     | <0.01    | <0.01    | 0.02           |           |  | 0.12  |          | 0.12  | <0.01   | 0.04    |         |
| Org-N (mg/l)                            |  |        |                  | 0.30   |          | 0.30  | 0.29     | 0.40     | 0.33     | 0.60           |           |  | 0.25  |          | 0.60  | 0.25    | 0.35    |         |
| PO <sub>4</sub> <sup>3-</sup> -P (mg/l) |  |        |                  | <0.001 |          | 0.004 | 0.002    | 0.002    | 0.002    | 0.006          |           |  | 0.002 |          | 0.006 | <0.001  | 0.003   |         |
| クロロフィル-a (μg/l)                         |  |        |                  | 6.5    |          | 3.7   | 4.4      | 34.5     | 11.6     | 60.6           |           |  | 15.8  |          | 60.6  | 3.7     | 19.6    |         |
| クロロフィル-b (μg/l)                         |  |        |                  | 0.0    |          | 0.0   | 0.2      | 0.3      | 0.1      | 0.6            |           |  | 0.0   |          | 0.6   | 0.0     | 0.2     |         |
| クロロフィル-c (μg/l)                         |  |        |                  | 0.0    |          | 0.1   | 0.2      | 2.6      | 0.6      | 5.3            |           |  | 3.2   |          | 5.3   | 0.0     | 1.7     |         |
| フエオ色素 (μg/l)                            |  |        |                  | 5.6    |          | 2.4   | 2.2      | 6.6      | 4.4      | 12.5           |           |  | 2.3   |          | 12.5  | 2.2     | 5.1     |         |
| SO <sub>4</sub> <sup>2-</sup> (μg/l)    |  |        |                  |        |          |       |          |          |          |                |           |  |       |          |       |         |         |         |
| Cl (mg/l)                               |  |        |                  | 9.5    |          |       | 9.0      |          |          | 9.5            |           |  | 9.8   |          | 9.8   | 9.0     | 9.4     |         |
| Na (mg/l)                               |  |        |                  |        |          |       |          |          |          |                |           |  |       |          |       |         |         |         |
| K (mg/l)                                |  |        |                  |        |          |       |          |          |          |                |           |  |       |          |       |         |         |         |
| Ca (mg/l)                               |  |        |                  |        |          |       |          |          |          |                |           |  |       |          |       |         |         |         |
| Mg (mg/l)                               |  |        |                  |        |          |       |          |          |          |                |           |  |       |          |       |         |         |         |
| Mn (mg/l)                               |  |        |                  |        |          |       |          |          |          |                |           |  |       |          |       |         |         |         |
| 溶存態Fe (mg/l)                            |  |        |                  |        |          |       |          |          |          |                |           |  |       |          |       |         |         |         |
| 全Fe (mg/l)                              |  |        |                  |        |          |       |          |          |          |                |           |  |       |          |       |         |         |         |
| Cu (mg/l)                               |  |        |                  |        |          |       |          |          |          |                |           |  |       |          |       |         |         |         |
| Zn (mg/l)                               |  |        |                  |        |          |       |          |          |          |                |           |  |       |          |       |         |         |         |
| EC (mS/m)                               |  |        |                  | 7.1    |          | 9.8   | 10.1     | 9.8      | 9.3      | 7.6            |           |  | 4.9   |          | 10.1  | 4.9     | 8.4     |         |

| コ<br>都<br>道<br>府<br>県                   | 統地<br>一<br>番<br>号<br>点                 | 類<br>型 | 調<br>査<br>年<br>度 | 水域名      |         |  |          | 調査担当<br>機関名 | 採水:<br>分析:     |         |  |          | 最大値     | 最小値   | 平均値     |         |         |
|---|--|--------|------------------|----------|---------|--|----------|-------------|----------------|---------|--|----------|---------|-------|---------|---------|---------|
|   |  |        |                  | 余呉湖      |         |  |          |             | 湖北地域振興局環境課     |         |  |          |         |       |         |         |         |
| 25                                      |  |        | 2005             | 地点名      |         |  |          |             | 琵琶湖・環境科学研究センター |         |  |          |         |       |         |         |         |
|   |  |        |                  |          |         |  |          |             |                |         |  |          |         |       |         |         |         |
| 一<br>般<br>項<br>環<br>境<br>目<br>目         | 採水月日                                   |        |                  | H17.5.17 |         |  | H17.8.22 |             | H17.11.21      |         |  | H18.2.20 |         |       |         |         |         |
|   | 採水時刻                                   |        |                  | 11:22    |         |  | 11:22    |             | 11:33          |         |  | 11:23    |         |       |         |         |         |
|   | 天 候                                    |        |                  | 晴        |         |  | 曇一時雨     |             | 晴              |         |  | 雪のち雨     |         |       |         |         |         |
|   | 気 温 (°C)                               |        |                  | 15.0     |         |  | 28.8     |             | 8.2            |         |  | 1.5      |         | 28.8  | 1.5     | 13.4    |         |
|   | 水 温 (°C)                               |        |                  | 17.4     |         |  | 22.6     |             | 10.1           |         |  | 4.5      |         | 22.6  | 4.5     | 13.7    |         |
|   | 湖 採取水深 (m)                             |        |                  | 0.5      |         |  | 0.5      |             | 0.5            |         |  | 0.5      |         | 0.5   | 0.5     | 0.5     |         |
|   | 沼 全水深 (m)                              |        |                  |          |         |  |          |             |                |         |  |          |         |       |         |         |         |
|   | 透 明 度 (m)                              |        |                  |          |         |  |          |             |                |         |  |          |         |       |         |         |         |
|   | pH                                     |        |                  |          | 7.1     |  |          | 7.3         |                | 7.7     |  |          | 8.6     |       | 8.6     | 7.1     | 7.7     |
|   | 生 活 環 境 目 目 DO (mg/l)                  |        |                  |          | 10.2    |  |          | 8.2         |                | 10.3    |  |          | 12.2    |       | 12.2    | 8.2     | 10.2    |
|   | DO (%)                                 |        |                  |          | 110     |  |          | 97          |                | 94      |  |          | 97      |       | 110     | 94      | 100     |
|   | BOD (mg/l)                             |        |                  |          | 1.7     |  |          | <0.5        |                | <0.5    |  |          | 0.7     |       | 1.7     | 0.7     | 1.2     |
|   | COD (mg/l)                             |        |                  |          | 7.2     |  |          | 2.9         |                | 2.3     |  |          | 3.0     |       | 7.2     | 2.3     | 3.9     |
|   | SS (mg/l)                              |        |                  |          | 30.5    |  |          | 2.2         |                | 1.4     |  |          | 2.2     |       | 30.5    | 1.4     | 9.1     |
|   | 大腸菌群数 (MPN/100ml)                      |        |                  |          | 1.3E+03 |  |          | 4.6E+03     |                | 7.9E+02 |  |          | 1.3E+02 |       | 4.6E+03 | 1.3E+02 | 1.7E+03 |
|   | T-N (mg/l)                             |        |                  |          | 1.82    |  |          | 1.92        |                | 2.16    |  |          | 2.12    |       | 2.16    | 1.82    | 2.01    |
|   | T-P (mg/l)                             |        |                  |          | 0.187   |  |          | 0.079       |                | 0.034   |  |          | 0.051   |       | 0.187   | 0.034   | 0.088   |
|   | NH <sub>4</sub> <sup>+</sup> -N (mg/l) |        |                  |          | 0.05    |  |          | 0.04        |                | 0.07    |  |          | 0.87    |       | 0.87    | 0.04    | 0.26    |
|   | Kj-N (mg/l)                            |        |                  |          |         |  |          |             |                |         |  |          |         |       |         |         |         |
|   | NO <sub>2</sub> <sup>-</sup> -N (mg/l) |        |                  |          | 0.008   |  |          | 0.007       |                | 0.010   |  |          | 0.058   |       | 0.058   | 0.007   | 0.021   |
| NO <sub>3</sub> <sup>-</sup> -N (mg/l)  |  |        |                  | 0.78     |         |  | 1.39     |             | 1.90           |         |  | 1.04     |         | 1.90  | 0.78    | 1.28    |         |
| Org-N (mg/l)                            |  |        |                  | 0.98     |         |  | 0.48     |             | 0.18           |         |  | 0.15     |         | 0.98  | 0.15    | 0.45    |         |
| PO <sub>4</sub> <sup>3-</sup> -P (mg/l) |  |        |                  | 0.047    |         |  | 0.029    |             | 0.017          |         |  | 0.015    |         | 0.047 | 0.015   | 0.027   |         |
| クロロフィル-a (μg/l)                         |  |        |                  |          |         |  |          |             |                |         |  |          |         | 0.0   | 0.0     | #DIV/0! |         |
| クロロフィル-b (μg/l)                         |  |        |                  |          |         |  |          |             |                |         |  |          |         | 0.0   | 0.0     | #DIV/0! |         |
| クロロフィル-c (μg/l)                         |  |        |                  |          |         |  |          |             |                |         |  |          |         | 0.0   | 0.0     | #DIV/0! |         |
| フェオ色素 (μg/l)                            |  |        |                  |          |         |  |          |             |                |         |  |          |         | 0.0   | 0.0     | #DIV/0! |         |
| SO <sub>4</sub> <sup>2-</sup> (μg/l)    |  |        |                  |          |         |  |          |             |                |         |  |          |         |       |         |         |         |
| Cl (mg/l)                               |  |        |                  | 16.5     |         |  | 12.0     |             | 14.9           |         |  | 11.2     |         | 16.5  | 11.2    | 13.7    |         |
| Na (mg/l)                               |  |        |                  |          |         |  |          |             |                |         |  |          |         |       |         |         |         |
| K (mg/l)                                |  |        |                  |          |         |  |          |             |                |         |  |          |         |       |         |         |         |
| Ca (mg/l)                               |  |        |                  |          |         |  |          |             |                |         |  |          |         |       |         |         |         |
| Mg (mg/l)                               |  |        |                  |          |         |  |          |             |                |         |  |          |         |       |         |         |         |
| Mn (mg/l)                               |  |        |                  |          |         |  |          |             |                |         |  |          |         |       |         |         |         |
| 溶存態Fe (mg/l)                            |  |        |                  |          |         |  |          |             |                |         |  |          |         |       |         |         |         |
| 全Fe (mg/l)                              |  |        |                  |          |         |  |          |             |                |         |  |          |         |       |         |         |         |
| Cu (mg/l)                               |  |        |                  |          |         |  |          |             |                |         |  |          |         |       |         |         |         |
| Zn (mg/l)                               |  |        |                  |          |         |  |          |             |                |         |  |          |         |       |         |         |         |
| EC (mS/m)                               |  |        |                  | 10.1     |         |  | 11.6     |             |                |         |  | 8.4      |         | 11.6  | 0.0     | 7.5     |         |

| コ<br>都<br>道<br>府<br>県                   | 統地<br>一<br>番<br>号<br>点                 | 類<br>型 | 調<br>査<br>年<br>度 | 水域名        |          |  |       | 調査担当<br>機関名 | 採水:<br>分析:     |           |  |       | 最大値      | 最小値   | 平均値     |         |         |
|---|--|--------|------------------|------------|----------|--|-------|-------------|----------------|-----------|--|-------|----------|-------|---------|---------|---------|
|   |  |        |                  | 余呉湖        |          |  |       |             | 湖北地域振興局環境課     |           |  |       |          |       |         |         |         |
| 25                                      |  |        | 2005             | 地点名        |          |  |       |             | 琵琶湖・環境科学研究センター |           |  |       |          |       |         |         |         |
|   |  |        |                  | 流入2 余呉川導水路 |          |  |       |             |                |           |  |       |          |       |         |         |         |
| 一<br>般<br>項<br>環<br>境<br>目<br>目         | 採水月日                                   |        |                  |            | H17.5.17 |  |       | H17.8.22    |                | H17.11.21 |  |       | H18.2.20 |       |         |         |         |
|   | 採水時刻                                   |        |                  |            | 11:08    |  |       | 11:15       |                | 11:20     |  |       | 11:10    |       |         |         |         |
|   | 天 候                                    |        |                  |            | 晴        |  |       | 曇一時雨        |                | 晴         |  |       | 雪のち雨     |       |         |         |         |
|   | 気 温 (°C)                               |        |                  |            | 15.0     |  |       | 28.8        |                | 8.2       |  |       | 1.5      |       | 28.8    | 1.5     | 13.4    |
|   | 水 温 (°C)                               |        |                  |            | 18.5     |  |       | 25.8        |                | 10.0      |  |       | 2.3      |       | 25.8    | 2.3     | 14.2    |
|   | 湖 採取水深 (m)                             |        |                  |            | 0.5      |  |       | 0.5         |                | 0.5       |  |       | 0.5      |       | 0.5     | 0.5     | 0.5     |
|   | 沼 全水深 (m)                              |        |                  |            |          |  |       |             |                |           |  |       |          |       |         |         |         |
|   | 透 明 度 (m)                              |        |                  |            |          |  |       |             |                |           |  |       |          |       |         |         |         |
|   | pH                                     |        |                  |            | 7.3      |  |       | 8.3         |                | 8.1       |  |       | 7.4      |       | 8.3     | 7.3     | 7.8     |
|   | 生活 DO (mg/l)                           |        |                  |            | 10.7     |  |       | 10.2        |                | 8.4       |  |       | 12.8     |       | 12.8    | 8.4     | 10.5    |
|   | DO (%)                                 |        |                  |            | 118      |  |       | 127         |                | 77        |  |       | 96       |       | 127     | 77      | 105     |
|   | BOD (mg/l)                             |        |                  |            | 1.5      |  |       | 0.9         |                | <0.5      |  |       | <0.5     |       | 1.5     | 0.9     | 1.2     |
|   | COD (mg/l)                             |        |                  |            | 5.3      |  |       | 2.7         |                | 1.3       |  |       | 1.9      |       | 5.3     | 1.3     | 2.8     |
|   | SS (mg/l)                              |        |                  |            | 6.2      |  |       | 1.2         |                | <1.0      |  |       | 1.2      |       | 6.2     | 1.2     | 2.9     |
|   | 大腸菌群数 (MPN/100ml)                      |        |                  |            | 7.9E+02  |  |       | 2.4E+04     |                | 4.9E+02   |  |       | 2.8E+02  |       | 2.4E+04 | 2.8E+02 | 6.4E+03 |
|   | T-N (mg/l)                             |        |                  |            | 0.69     |  |       | 0.30        |                | 0.78      |  |       | 0.62     |       | 0.78    | 0.30    | 0.60    |
|   | T-P (mg/l)                             |        |                  |            | 0.066    |  |       | 0.028       |                | 0.023     |  |       | 0.022    |       | 0.066   | 0.022   | 0.035   |
|   | NH <sub>4</sub> <sup>+</sup> -N (mg/l) |        |                  |            | 0.02     |  |       | 0.01        |                | <0.01     |  |       | 0.03     |       | 0.03    | 0.01    | 0.02    |
|   | Kj-N (mg/l)                            |        |                  |            |          |  |       |             |                |           |  |       |          |       |         |         |         |
|   | NO <sub>2</sub> <sup>-</sup> -N (mg/l) |        |                  |            | 0.005    |  |       | 0.002       |                | 0.004     |  |       | 0.003    |       | 0.005   | 0.002   | 0.004   |
| NO <sub>3</sub> <sup>-</sup> -N (mg/l)  |  |        |                  | 0.16       |          |  | 0.09  |             | 0.70           |           |  | 0.50  |          | 0.70  | 0.09    | 0.36    |         |
| Org-N (mg/l)                            |  |        |                  | 0.51       |          |  | 0.20  |             | 0.08           |           |  | 0.09  |          | 0.51  | 0.08    | 0.22    |         |
| PO <sub>4</sub> <sup>3-</sup> -P (mg/l) |  |        |                  | 0.028      |          |  | 0.008 |             | 0.018          |           |  | 0.011 |          | 0.028 | 0.008   | 0.016   |         |
| クロロフィル-a (μg/l)                         |  |        |                  |            |          |  |       |             |                |           |  |       |          | 0.0   | 0.0     | #DIV/0! |         |
| クロロフィル-b (μg/l)                         |  |        |                  |            |          |  |       |             |                |           |  |       |          | 0.0   | 0.0     | #DIV/0! |         |
| クロロフィル-c (μg/l)                         |  |        |                  |            |          |  |       |             |                |           |  |       |          | 0.0   | 0.0     | #DIV/0! |         |
| フェオ色素 (μg/l)                            |  |        |                  |            |          |  |       |             |                |           |  |       |          | 0.0   | 0.0     | #DIV/0! |         |
| SO <sub>4</sub> <sup>2-</sup> (μg/l)    |  |        |                  |            |          |  |       |             |                |           |  |       |          |       |         |         |         |
| Cl (mg/l)                               |  |        |                  | 14.1       |          |  | 8.6   |             | 10.0           |           |  | 8.8   |          | 14.1  | 8.6     | 10.4    |         |
| Na (mg/l)                               |  |        |                  |            |          |  |       |             |                |           |  |       |          |       |         |         |         |
| K (mg/l)                                |  |        |                  |            |          |  |       |             |                |           |  |       |          |       |         |         |         |
| Ca (mg/l)                               |  |        |                  |            |          |  |       |             |                |           |  |       |          |       |         |         |         |
| Mg (mg/l)                               |  |        |                  |            |          |  |       |             |                |           |  |       |          |       |         |         |         |
| Mn (mg/l)                               |  |        |                  |            |          |  |       |             |                |           |  |       |          |       |         |         |         |
| 溶存態Fe (mg/l)                            |  |        |                  |            |          |  |       |             |                |           |  |       |          |       |         |         |         |
| 全Fe (mg/l)                              |  |        |                  |            |          |  |       |             |                |           |  |       |          |       |         |         |         |
| Cu (mg/l)                               |  |        |                  |            |          |  |       |             |                |           |  |       |          |       |         |         |         |
| Zn (mg/l)                               |  |        |                  |            |          |  |       |             |                |           |  |       |          |       |         |         |         |
| EC (mS/m)                               |  |        |                  | 8.7        |          |  | 8.6   |             |                |           |  | 4.8   |          | 8.7   | 0.0     | 5.5     |         |