

水質試験結果表

1) 通年調査結果表

| 調査地点             |                     | (1) 関 宿 橋     |                   |               |                   |               |                   |                |                   |
|------------------|---------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|----------------|-------------------|
| 測定項目             | 月・日                 | 1・21          | #                 | 2・18          | #                 | 3・25          | #                 | 4・22           | #                 |
| 現場<br>測定<br>項目   | 流量( $m^3/s$ )       | 35.80         | 347.0             | 42.30         | 44.80             | 33.60         | 35.80             | 96.70          | 985.0             |
|                  | 採取位置                | 流心部           | #                 | #             | #                 | #             | #                 | #              | #                 |
|                  | 天候                  | くもり           | #                 | #             | 晴                 | くもり           | #                 | #              | #                 |
|                  | 採取時刻(時分)            | 7:45          | 11:30             | 7:38          | 12:45             | 12:30         | 12:30             | 7:32           | 13:05             |
|                  | 全水深(m)              | 1.21          | 1.19              | 1.30          | 1.34              | 1.15          | 1.19              | 2.00           | 2.02              |
|                  | 採取水深(m)             | 0.24          | 0.24              | 0.26          | 0.27              | 0.23          | 0.24              | 0.40           | 0.40              |
|                  | 干潮時刻(時分)            | 9:56<br>22:23 | #                 | 9:01<br>21:32 | #                 | 11:53         | #                 | 10:57<br>23:13 | #                 |
|                  | 満潮時刻(時分)            | 4:57<br>15:15 | #                 | 4:10<br>14:14 | #                 | 5:41<br>18:05 | #                 | 4:33<br>17:21  | #                 |
|                  | 気温( $^{\circ}C$ )   | -3.0          | 2.5               | 6.0           | 15.5              | 4.0           | 13.0              | 15.0           | 20.5              |
|                  | 水温( $^{\circ}C$ )   | 1.0           | 1.0               | 6.5           | 9.0               | 6.0           | 9.0               | 12.0           | 13.5              |
|                  | 色相                  | 無色            | #                 | #             | #                 | #             | #                 | #              | #                 |
|                  | 臭気                  | 無臭            | #                 | #             | #                 | #             | #                 | #              | #                 |
|                  | 透視度(cm)             | 19.0          | 21.0              | 27.0          | 27.0              | 17.0          | 18.0              | 15.0           | 16.0              |
|                  | 水位                  | 0.13          | 0.11              | 0.24          | 0.28              | 0.09          | 0.13              | 0.94           | 0.96              |
|                  | 流向                  | 順流            | #                 | #             | #                 | #             | #                 | #              | #                 |
| 健康<br>項目         | シアン( $mg/L$ )       | —             | 0.00              | —             | 0.00              | —             | 0.00              | —              | 0.00              |
|                  | アルキル水銀( $mg/L$ )    | —             | —                 | —             | —                 | —             | —                 | —              | —                 |
|                  | 有機機磷( $mg/L$ )      | —             | 0.00              | —             | —                 | —             | —                 | —              | —                 |
|                  | カドミウム( $mg/L$ )     | —             | 0.000             | —             | 0.000             | —             | 0.000             | —              | 0.000             |
|                  | 鉛( $mg/L$ )         | —             | 0.00              | —             | 0.00              | —             | 0.05              | —              | 0.00              |
|                  | クロム(6価)( $mg/L$ )   | —             | —                 | —             | —                 | —             | —                 | —              | 0.00              |
|                  | 砒素( $mg/L$ )        | —             | 0.00              | —             | —                 | —             | —                 | —              | —                 |
|                  | 総水銀( $mg/L$ )       | —             | 0.000             | —             | 0.000             | —             | 0.000             | —              | 0.000             |
| 生活<br>環境<br>項目   | PH                  | 6.8           | 6.9               | 6.8           | 6.8               | 6.8           | 7.0               | 6.7            | 6.4               |
|                  | D O ( $mg/L$ )      | 12.4          | 12.6              | 10.1          | 10.8              | 10.4          | 10.6              | 9.7            | 9.8               |
|                  | B O D ( $mg/L$ )    | 1.7           | 2.1               | 2.4           | 1.2               | 2.4           | 1.7               | 0.6            | 2.4               |
|                  | C O D ( $mg/L$ )    | 4.0           | 4.5               | 3.9           | 3.8               | 4.5           | 4.3               | 3.5            | 4.4               |
|                  | S ( $mg/L$ )        | 6             | 3                 | 6             | 8                 | 12            | 13                | 3.5            | 2.9               |
|                  | 大腸菌群数(MPN/100mL)    | —             | $9.5 \times 10^3$ | —             | $2.2 \times 10^4$ | —             | $1.7 \times 10^4$ | —              | $1.3 \times 10^4$ |
| 一<br>般<br>項<br>目 | フェノール類( $mg/L$ )    | —             | —                 | —             | —                 | —             | —                 | —              | 0.004             |
|                  | 銅( $mg/L$ )         | —             | 0.01              | —             | 0.01              | —             | 0.02              | —              | 0.01              |
|                  | 亜鉛( $mg/L$ )        | —             | 0.03              | —             | 0.03              | —             | 0.03              | —              | 0.04              |
|                  | 溶解性鉄( $mg/L$ )      | —             | —                 | —             | —                 | —             | —                 | —              | 0.00              |
|                  | 溶解性マンガン( $mg/L$ )   | —             | —                 | —             | —                 | —             | —                 | —              | 0.00              |
|                  | クロム( $mg/L$ )       | —             | —                 | —             | —                 | —             | —                 | —              | 0.00              |
|                  | 弗素( $mg/L$ )        | —             | —                 | —             | —                 | —             | —                 | —              | —                 |
|                  | 塩素イオン( $mg/L$ )     | 32.5          | 30.4              | 12.0          | 12.0              | 26.2          | 26.2              | 38.7           | 18.0              |
|                  | 全窒素( $mg/L$ )       | —             | —                 | —             | —                 | —             | —                 | —              | —                 |
|                  | アンモニア性窒素( $mg/L$ )  | —             | 0.35              | —             | 0.28              | —             | 0.40              | —              | 0.07              |
|                  | 硝酸性窒素( $mg/L$ )     | —             | 1.52              | —             | 0.88              | —             | 0.92              | —              | 0.68              |
|                  | リン酸イオン( $mg/L$ )    | —             | —                 | —             | —                 | —             | —                 | —              | 0.00              |
|                  | 総硬度( $mg/L$ )       | —             | 70.5              | —             | 67.4              | —             | 68.9              | —              | 33.1              |
|                  | 導電率( $\mu S/cm$ )   | —             | 250.5             | —             | 231.0             | —             | 259.5             | 130.5          | 130.0             |
|                  | A. B. S. ( $mg/L$ ) | —             | —                 | —             | —                 | —             | —                 | —              | 0.16              |

| (1) 関 宿 橋 |                    |        |                    |        |                    |       |                    |        |                     |       |  |
|-----------|--------------------|--------|--------------------|--------|--------------------|-------|--------------------|--------|---------------------|-------|--|
| 5・27      | #                  | 6・20   | #                  | 7・24   | #                  | 8・20  | #                  | 9・18   | #                   | 10・17 |  |
| 5920      | 61.40              | 139.90 | 132.10             | 157.20 | 149.00             | 8490  | 8400               | 157.36 | 163.52              | 70.75 |  |
| #         | #                  | #      | #                  | #      | #                  | #     | #                  | #      | #                   | #     |  |
| #         | 晴                  | くもり    | #                  | くもり    | #                  | #     | 晴                  | くもり    | #                   | #     |  |
| 7:40      | 13:45              | 7:35   | 13:17              | 7:30   | 13:40              | 9:30  | 14:50              | 7:30   | 11:45               | 8:00  |  |
| 1.55      | 1.58               | 1.90   | 1.83               | 3.10   | 3.03               | 2.40  | 2.39               | 3.12   | 3.17                | 2.27  |  |
| 0.31      | 0.32               | 0.38   | 0.37               | 0.62   | 0.61               | 0.48  | 0.48               | 0.62   | 0.63                | 0.45  |  |
| 2.33      | #                  | 11.01  | #                  | 1.59   | #                  | 0.13  | #                  | 12.06  | #                   | 11.42 |  |
| 15.00     | #                  | 23.24  | #                  | 14.09  | #                  | 12.33 | #                  | 6.09   | #                   | 6.03  |  |
| 7.57      | #                  | 4.02   | #                  | 8.00   | #                  | 6.16  | #                  | 18.00  | #                   | 17.17 |  |
| 21.50     | #                  | 17.59  | #                  | 20.20  | #                  | 18.43 | #                  | 18.00  | #                   | 17.17 |  |
| 18.5      | 29.5               | 24.0   | 30.8               | 23.2   | 29.0               | 29.5  | 32.0               | 21.5   | 21.0                | 18.0  |  |
| 16.2      | 20.5               | 20.0   | 23.0               | 22.0   | 24.0               | 26.0  | 27.0               | 19.5   | 20.0                | 16.5  |  |
| #         | #                  | #      | 淡黄色                | 無色     | #                  | 欠測    | #                  | 淡黄色    | #                   | 無色    |  |
| #         | #                  | #      | #                  | 無色     | #                  | 欠測    | #                  | 無臭     | #                   | #     |  |
| 20.0      | 19.0               | 12.0   | 12.0               | 17.0   | 20.0               | 20.0  | 20.5               | 30.0   | 25.0                | 28.0  |  |
| 0.49      | 0.52               | 1.36   | 1.29               | 1.51   | 1.44               | 0.81  | 0.80               | 1.53   | 1.58                | 0.68  |  |
| #         | #                  | #      | #                  | #流     | #                  | #     | #                  | #      | #                   | #     |  |
| —         | 0.00               | —      | 0.00               | —      | 0.00               | —     | 0.00               | —      | 0.00                | —     |  |
| —         | —                  | —      | —                  | —      | —                  | —     | —                  | —      | —                   | —     |  |
| —         | —                  | —      | —                  | —      | —                  | —     | —                  | —      | —                   | —     |  |
| —         | 0.000              | —      | 0.000              | —      | 0.000              | —     | 0.000              | —      | 0.000               | —     |  |
| —         | 0.03               | —      | 0.00               | —      | 0.02               | —     | 0.00               | —      | 0.04                | —     |  |
| —         | 0.00               | —      | 0.00               | —      | 0.00               | —     | 0.00               | —      | 0.00                | —     |  |
| —         | 0.00               | —      | 0.00               | —      | 0.00               | —     | 0.00               | —      | 0.00                | —     |  |
| —         | 0.000              | —      | 0.000              | —      | 0.000              | —     | 0.000              | —      | 0.000               | —     |  |
| 6.8       | 6.9                | 7.0    | 6.7                | 7.2    | 7.4                | 7.2   | 7.3                | 7.1    | 7.2                 | 7.1   |  |
| 8.7       | 8.9                | 7.6    | 7.6                | 8.0    | 7.8                | 8.1   | 7.7                | 8.4    | 8.5                 | 9.6   |  |
| 1.2       | 0.7                | 2.1    | 3.1                | 0.7    | 0.9                | 0.9   | 0.9                | 1.0    | 0.8                 | 1.6   |  |
| 3.0       | 2.6                | 4.8    | 5.0                | 3.2    | 3.7                | 3.7   | 3.6                | 1.0    | 0.9                 | 3.1   |  |
| 2.1       | 1.7                | 4.6    | 5.6                | 3.8    | 4.3                | 1.2   | 1.7                | 1.7    | 1.9                 | 9     |  |
| —         | 78×10 <sup>2</sup> | —      | 14×10 <sup>5</sup> | —      | 17×10 <sup>4</sup> | —     | 49×10 <sup>3</sup> | —      | 1.4×10 <sup>4</sup> | —     |  |
| —         | 0.005              | —      | 0.005              | —      | 0.004              | —     | 0.005              | —      | 0.005               | —     |  |
| —         | 0.00               | —      | 0.01               | —      | 0.01               | —     | 0.01               | —      | 0.03                | —     |  |
| —         | 0.03               | —      | 0.03               | —      | 0.02               | —     | 0.01               | —      | 0.02                | —     |  |
| —         | 0.00               | —      | 0.00               | —      | 0.00               | —     | 0.00               | —      | 0.00                | —     |  |
| —         | 0.00               | —      | 0.00               | —      | 0.00               | —     | 0.00               | —      | 0.02                | —     |  |
| —         | 0.00               | —      | 0.00               | —      | 0.00               | —     | 0.00               | —      | 0.00                | —     |  |
| —         | —                  | —      | —                  | —      | —                  | —     | —                  | —      | —                   | —     |  |
| 11.3      | 12.9               | 13.9   | 16.0               | 17.0   | 18.0               | 15.5  | 18.0               | 20.6   | 22.7                | 23.2  |  |
| —         | —                  | —      | —                  | —      | —                  | —     | —                  | —      | —                   | —     |  |
| —         | 0.07               | —      | 0.07               | —      | 0.04               | —     | 0.00               | —      | 0.05                | —     |  |
| —         | 0.88               | —      | 1.32               | —      | 1.64               | —     | 1.60               | —      | 1.80                | —     |  |
| —         | 0.06               | —      | 0.03               | —      | 0.14               | —     | 0.01               | —      | 0.01                | —     |  |
| —         | 3.39               | —      | 5.67               | —      | 6.14               | —     | 6.33               | —      | 6.61                | —     |  |
| 135.0     | 133.0              | 186.0  | 205.5              | 202.0  | 208.0              | 200.0 | 207.5              | 222.0  | 222.5               | 267.0 |  |
| —         | 0.24               | —      | 0.28               | —      | 0.00               | —     | 0.00               | —      | 0.20                | —     |  |

| 調査地点   |                     | (1) 関 宿 橋          |               |                    |               |                     | (2) 野 田 橋     |                     |     |
|--------|---------------------|--------------------|---------------|--------------------|---------------|---------------------|---------------|---------------------|-----|
| 測定項目   | 月・日                 | 10・17              | 11・27         | 〃                  | 12・11         | 〃                   | 1・21          | 〃                   | 〃   |
| 現場測定項目 | 流量( $m^3/s$ )       | 7.075              | 56.80         | 56.80              | 5.680         | 59.01               | 35.80         | 34.70               | 欠 測 |
|        | 採取位置                | 流心部                | 〃             | 〃                  | 〃             | 〃                   | 流心部           | 〃                   |     |
|        | 天 候                 | 晴                  | 〃             | 〃                  | くもり           | 〃                   | くもり           | 雪                   |     |
|        | 採取時刻(時:分)           | 13:45              | 7:30          | 14:05              | 10:20         | 14:45               | 8:30          | 13:30               |     |
|        | 全 水 深 (m)           | 2.27               | 2.00          | 2.00               | 2.10          | 2.13                | 1.12          | 1.08                |     |
|        | 採取水深 (m)            | 0.45               | 0.40          | 0.40               | 0.42          | 0.43                | 0.22          | 0.22                |     |
|        | 干潮時刻(時:分)           | 11.42              | 9.10<br>21.44 | 〃                  | 9.00<br>21.41 | 〃                   | 9.56<br>22.23 | 〃                   |     |
|        | 満潮時刻(時:分)           | 17.17              | 3.37<br>14.56 | 〃                  | 3.57<br>14.26 | 〃                   | 4.57<br>15.15 | 〃                   |     |
|        | 気 温 (℃)             | 20.0               | 6.0           | 16.0               | 12.0          | 10.0                | -1.0          | -0.5                |     |
|        | 水 温 (℃)             | 17.5               | 9.0           | 11.0               | 7.0           | 7.0                 | 1.3           | 1.5                 |     |
|        | 色 相                 | 無 色                | 〃             | 〃                  | 〃             | 〃                   | 〃             | 〃                   |     |
|        | 臭 気                 | 無 臭                | 〃             | 〃                  | 〃             | 〃                   | 〃             | 〃                   |     |
|        | 透 視 度 (cm)          | 23.0               | 26.0          | 25.0               | 20.0          | 20.0                | 20.0          | 16.0                |     |
| 健康項目   | 水流位                 | 0.68               | 0.50          | 0.50               | 0.50          | 0.53                | 0.40          | 0.36                |     |
|        | 水流向                 | 順 流                | 〃             | 〃                  | 〃             | 〃                   | 〃             | 〃                   |     |
|        | シ ア ン( $mg/L$ )     | 0.00               | —             | 0.00               | —             | 0.00                | —             | 0.00                |     |
|        | アルキル水銀( $mg/L$ )    | —                  | —             | —                  | —             | —                   | —             | —                   |     |
|        | 有機 磷( $mg/L$ )      | —                  | —             | —                  | —             | —                   | —             | 0.00                |     |
|        | カドミウム( $mg/L$ )     | 0.000              | —             | 0.000              | —             | 0.000               | —             | 0.000               |     |
|        | 鉛 ( $mg/L$ )        | 0.01               | —             | 0.00               | —             | 0.06                | —             | 0.00                |     |
|        | クロム(6価)( $mg/L$ )   | 0.00               | —             | 0.00               | —             | 0.00                | —             | 0.00                |     |
| 生活環境項目 | 砒 素( $mg/L$ )       | 0.00               | —             | 0.00               | —             | 0.00                | —             | 0.00                |     |
|        | 総 水 銀( $mg/L$ )     | 0.000              | —             | 0.000              | —             | 0.000               | —             | 0.000               |     |
|        | P H                 | 7.1                | 6.9           | 7.1                | 6.8           | 6.8                 | 6.5           | 6.6                 |     |
|        | D O( $mg/L$ )       | 10.2               | 11.6          | 11.6               | 11.8          | 11.6                | 12.6          | 12.4                |     |
|        | B O D( $mg/L$ )     | 1.7                | 1.6           | 1.6                | 1.3           | 1.2                 | 1.4           | 1.4                 |     |
|        | C O D( $mg/L$ )     | 2.8                | 4.4           | 4.5                | 2.6           | 2.6                 | 3.5           | 4.0                 |     |
|        | S S( $mg/L$ )       | 8                  | 11            | 12                 | 8             | 4                   | 4             | 5                   |     |
| 一般項目   | 大腸菌群数(MPN/100mL)    | 33×10 <sup>4</sup> | —             | 49×10 <sup>3</sup> | —             | 4.6×10 <sup>3</sup> | —             | 7.3×10 <sup>3</sup> |     |
|        | フェノール類( $mg/L$ )    | 0.006              | —             | 0.003              | —             | 0.009               | —             | 0.006               |     |
|        | 銅 ( $mg/L$ )        | 0.01               | —             | 0.00               | —             | 0.01                | —             | 0.01                |     |
|        | 亜 鉛( $mg/L$ )       | 0.01               | —             | 0.01               | —             | 0.03                | —             | 0.02                |     |
|        | 溶解性鉄( $mg/L$ )      | 0.03               | —             | 0.03               | —             | 0.06                | —             | 0.06                |     |
|        | 溶解性マンガン( $mg/L$ )   | 0.02               | —             | 0.02               | —             | 0.02                | —             | 0.00                |     |
|        | クロ ム( $mg/L$ )      | 0.00               | —             | 0.00               | —             | 0.00                | —             | 0.20                |     |
|        | 弗 素( $mg/L$ )       | —                  | —             | —                  | —             | —                   | —             | 0.20                |     |
| 項目     | 塩 素 イ オ ン( $mg/L$ ) | 26.8               | 25.8          | 24.2               | 18.0          | 17.5                | 28.4          | 30.4                |     |
|        | 全 窒 素( $mg/L$ )     | —                  | —             | —                  | —             | —                   | —             | —                   |     |
|        | アモニア性窒素( $mg/L$ )   | 0.09               | —             | 0.09               | —             | 0.13                | —             | 0.27                |     |
|        | 硝酸性窒素( $mg/L$ )     | 18.0               | —             | 18.0               | —             | 1.36                | —             | 1.32                |     |
|        | リン酸イオン( $mg/L$ )    | 0.02               | —             | 0.00               | —             | 0.03                | —             | 0.12                |     |
|        | 総 硬 度( $mg/L$ )     | 63.3               | —             | 8.17               | —             | 86.9                | —             | 74.6                |     |
|        | 導 電 率( $\mu S/cm$ ) | 265.5              | 236.5         | 235.0              | 225.0         | 244.5               | —             | 256.0               |     |
|        | A. B. S( $mg/L$ )   | 0.48               | —             | 0.10               | —             | 0.29                | —             | —                   |     |

| (2) 野 田 橋     |                    |       |               |                    |       |                |                     |       |               |                    |
|---------------|--------------------|-------|---------------|--------------------|-------|----------------|---------------------|-------|---------------|--------------------|
| 2・18          | 〃                  | 〃     | 3・25          | 〃                  | 〃     | 4・22           | 〃                   | 〃     | 5・27          | 〃                  |
| 36.30         | 39.10              | 40.30 | 33.50         | 31.40              | 31.90 | 86.70          | 92.80               | 92.00 | 53.60         | 50.90              |
| 〃             | 〃                  | 〃     | 〃             | 〃                  | 〃     | 〃              | 〃                   | 〃     | 〃             | 〃                  |
| くもり           | 晴                  | 〃     | くもり           | 〃                  | 晴     | くもり            | 〃                   | 〃     | 〃             | 晴                  |
| 8:25          | 13:40              | 15:30 | 8:20          | 13:40              | 15:45 | 8:15           | 13:50               | 15:50 | 8:15          | 14:25              |
| 1.15          | 1.20               | 1.22  | 1.10          | 1.06               | 1.07  | 1.85           | 1.92                | 1.91  | 1.40          | 1.36               |
| 0.23          | 0.24               | 0.24  | 0.22          | 0.21               | 0.21  | 0.37           | 0.38                | 0.38  | 0.28          | 0.27               |
| 9.01<br>21.32 | 〃                  | 〃     | 11.53         | 〃                  | 〃     | 10.57<br>23.13 | 〃                   | 〃     | 2.33<br>15.00 | 〃                  |
| 4.10<br>14.14 | 〃                  | 〃     | 5.41<br>18.05 | 〃                  | 〃     | 4.33<br>17.21  | 〃                   | 〃     | 7.57<br>21.50 | 〃                  |
| 7.5           | 16.0               | 17.5  | 4.5           | 13.0               | 11.2  | 16.0           | 20.0                | 17.4  | 20.5          | 28.5               |
| 6.5           | 10.0               | 9.5   | 7.2           | 9.0                | 10.2  | 12.8           | 14.0                | 13.5  | 18.0          | 21.0               |
| 〃             | 〃                  | 〃     | 〃             | 〃                  | 〃     | 〃              | 〃                   | 〃     | 〃             | 〃                  |
| 〃             | 〃                  | 〃     | 〃             | 〃                  | 〃     | 〃              | 〃                   | 〃     | 〃             | 〃                  |
| 18.0          | 20.0               | 20.0  | 15.0          | 22.0               | 20.0  | 10.0           | 15.0                | 16.0  | 20.0          | 22.0               |
| 0.43          | 0.48               | 0.50  | 0.38          | 0.34               | 0.35  | 1.14           | 1.21                | 1.20  | 0.71          | 0.67               |
| 〃             | 〃                  | 〃     | 〃             | 〃                  | 〃     | 〃              | 〃                   | 〃     | 〃             | 〃                  |
| —             | 0.00               | —     | —             | 0.00               | —     | —              | 0.00                | —     | —             | 0.00               |
| —             | —                  | —     | —             | —                  | —     | —              | —                   | —     | —             | —                  |
| —             | —                  | —     | —             | —                  | —     | —              | —                   | —     | —             | —                  |
| —             | 0.000              | —     | —             | 0.000              | —     | —              | 0.000               | —     | —             | 0.000              |
| —             | 0.05               | —     | —             | 0.06               | —     | —              | 0.01                | —     | —             | 0.03               |
| —             | 0.00               | —     | —             | 0.00               | —     | —              | 0.00                | —     | —             | 0.00               |
| —             | —                  | —     | —             | —                  | —     | —              | —                   | —     | —             | 0.00               |
| —             | 0.000              | —     | —             | 0.000              | —     | —              | 0.000               | —     | —             | 0.000              |
| 6.7           | 6.8                | 6.7   | 7.0           | 7.0                | 7.0   | 6.8            | 6.5                 | 7.1   | 6.9           | 7.0                |
| 10.2          | 10.1               | 10.3  | 10.2          | 10.2               | 10.1  | 9.4            | 9.4                 | 9.7   | 8.5           | 8.7                |
| 2.2           | 2.3                | 2.1   | 2.2           | 1.8                | 1.8   | 1.1            | 4.7                 | 2.0   | 1.3           | 1.1                |
| 3.8           | 4.3                | 3.6   | 4.3           | 3.9                | 3.9   | 4.2            | 7.7                 | 5.4   | 3.3           | 3.2                |
| 8             | 11                 | 12    | 18            | 13                 | 13    | 39             | 53                  | 47    | 25            | 22                 |
| —             | 18×10 <sup>4</sup> | —     | —             | 49×10 <sup>3</sup> | —     | —              | 3.3×10 <sup>4</sup> | —     | —             | 17×10 <sup>3</sup> |
| —             | 0.005              | —     | —             | 0.005              | —     | —              | 0.004               | —     | —             | 0.005              |
| —             | 0.01               | —     | —             | 0.04               | —     | —              | 0.02                | —     | —             | 0.00               |
| —             | 0.04               | —     | —             | 0.03               | —     | —              | 0.09                | —     | —             | 0.02               |
| —             | 0.00               | —     | —             | 0.00               | —     | —              | 0.00                | —     | —             | 0.00               |
| —             | 0.00               | —     | —             | 0.00               | —     | —              | 0.00                | —     | —             | 0.00               |
| —             | 0.00               | —     | —             | 0.00               | —     | —              | 0.00                | —     | —             | 0.00               |
| —             | —                  | —     | —             | —                  | —     | —              | —                   | —     | —             | 0.11               |
| 11.8          | 11.3               | 10.9  | 26.8          | 28.3               | 26.2  | 19.1           | 20.6                | 18.0  | 10.3          | 10.3               |
| —             | —                  | —     | —             | —                  | —     | —              | —                   | —     | —             | 1.13               |
| —             | 0.33               | —     | —             | 0.19               | —     | —              | 0.11                | —     | —             | 0.08               |
| —             | 1.00               | —     | —             | 1.20               | —     | —              | 0.64                | —     | —             | 0.92               |
| —             | 0.07               | —     | —             | 0.18               | —     | —              | 0.02                | —     | —             | 0.08               |
| —             | 70.0               | —     | —             | 66.1               | —     | —              | 41.1                | —     | —             | 33.9               |
| —             | 246.0              | —     | —             | 245.0              | —     | 132.0          | 135.0               | 129.0 | 133.0         | 136.0              |
| —             | —                  | —     | —             | —                  | —     | —              | 0.16                | —     | —             | 0.20               |

| 調査地点   |                        | (2) 野 田 橋 |        |                     |        |        |                     |        |       |
|--------|------------------------|-----------|--------|---------------------|--------|--------|---------------------|--------|-------|
| 測定項目   | 月・日                    | 5・27      | 6・20   | 〃                   | 〃      | 7・24   | 〃                   | 〃      | 8・20  |
| 現場測定項目 | 流量 (m <sup>3</sup> /s) | 50.90     | 139.50 | 125.70              | 123.60 | 154.10 | 147.30              | 144.00 | 75.80 |
|        | 採取位置                   | 流心部       | 〃      | 〃                   | 〃      | 〃      | 〃                   | 〃      | 〃     |
|        | 天候                     | 晴         | くもり    | 〃                   | 〃      | 〃      | 〃                   | 〃      | 晴     |
|        | 採取時刻 (時分)              | 16:10     | 8:18   | 14:06               | 16:17  | 8:15   | 14:20               | 16:20  | 11:00 |
|        | 全水深 (m)                | 1.36      | 2.40   | 2.27                | 2.25   | 3.30   | 3.24                | 3.21   | 2.00  |
|        | 採取水深 (m)               | 0.27      | 0.48   | 0.45                | 0.45   | 0.66   | 0.65                | 0.64   | 0.40  |
|        | 干潮時刻 (時分)              | 23:33     | 11:01  | 〃                   | 〃      | 14:09  | 〃                   | 〃      | 0:13  |
|        | 満潮時刻 (時分)              | 15:00     | 23:24  | 〃                   | 〃      | 14:09  | 〃                   | 〃      | 12:33 |
|        | 気温 (℃)                 | 23.0      | 25.4   | 30.0                | 26.2   | 25.0   | 26.0                | 25.0   | 30.4  |
|        | 水温 (℃)                 | 20.0      | 20.2   | 23.0                | 23.0   | 23.0   | 24.0                | 23.0   | 27.3  |
|        | 色相                     | 無色        | 〃      | 淡黄色                 | 〃      | 無色     | 〃                   | 淡黄色    | 欠測    |
|        | 臭気                     | 無臭        | 〃      | 植物臭                 | 〃      | 無臭     | 〃                   | 植物臭    | 欠測    |
|        | 透視度 (cm)               | 18.0      | 12.0   | 12.0                | 15.0   | 17.0   | 17.0                | 15.0   | 24.0  |
| 健康項目   | 水質                     | 0.67      | 1.68   | 1.55                | 1.53   | 1.81   | 1.75                | 1.72   | 1.01  |
|        | 流向                     | 順流        | 〃      | 〃                   | 〃      | 〃      | 〃                   | 〃      | 〃     |
|        | シアン (mg/L)             | —         | —      | 0.00                | —      | —      | 0.00                | —      | —     |
|        | アルキル水銀 (mg/L)          | —         | —      | —                   | —      | —      | —                   | —      | —     |
|        | 有機機燐 (mg/L)            | —         | —      | —                   | —      | —      | —                   | —      | —     |
|        | カドミウム (mg/L)           | —         | —      | 0.000               | —      | —      | 0.000               | —      | —     |
|        | 鉛 (mg/L)               | —         | —      | 0.00                | —      | —      | 0.05                | —      | —     |
|        | クロム (6価) (mg/L)        | —         | —      | 0.00                | —      | —      | 0.00                | —      | —     |
| 生活環境項目 | 砒素 (mg/L)              | —         | —      | 0.00                | —      | —      | 0.00                | —      | —     |
|        | 総水銀 (mg/L)             | —         | —      | 0.000               | —      | —      | 0.000               | —      | —     |
|        | PH                     | 7.0       | 6.9    | 6.9                 | 7.1    | 7.3    | 7.3                 | 7.2    | 7.3   |
|        | D O (mg/L)             | 8.8       | 7.7    | 7.4                 | 7.5    | 7.9    | 7.8                 | 7.4    | 7.6   |
|        | B O D (mg/L)           | 1.3       | 1.7    | 2.5                 | 2.4    | 1.0    | 1.1                 | 2.1    | 1.6   |
|        | C O D (mg/L)           | 3.0       | 5.2    | 4.5                 | 4.9    | 4.1    | 4.0                 | 5.6    | 4.8   |
| 一般項目   | S S (mg/L)             | 3.5       | 4.8    | 4.1                 | 4.3    | 4.5    | 4.7                 | 5.5    | 3.0   |
|        | 大腸菌群数 (MPN/100mL)      | —         | —      | 5.4×10 <sup>5</sup> | —      | —      | 4.9×10 <sup>4</sup> | —      | —     |
|        | フェノール (mg/L)           | —         | —      | 0.005               | —      | —      | 0.006               | —      | —     |
|        | 銅 (mg/L)               | —         | —      | 0.01                | —      | —      | 0.01                | —      | —     |
|        | 亜鉛 (mg/L)              | —         | —      | 0.03                | —      | —      | 0.02                | —      | —     |
|        | 溶解性鉄 (mg/L)            | —         | —      | 0.00                | —      | —      | 0.00                | —      | —     |
|        | 溶解性マンガン (mg/L)         | —         | —      | 0.00                | —      | —      | 0.00                | —      | —     |
|        | クロム (mg/L)             | —         | —      | 0.00                | —      | —      | 0.00                | —      | —     |
|        | 弗素 (mg/L)              | —         | —      | 0.17                | —      | —      | 0.15                | —      | —     |
|        | 塩素イオン (mg/L)           | 12.4      | 17.0   | 19.1                | 18.0   | 18.0   | 15.5                | 23.2   | 18.0  |
|        | 全窒素 (mg/L)             | —         | —      | 2.67                | —      | —      | 2.74                | —      | —     |
|        | アンモニア性窒素 (mg/L)        | —         | —      | 0.13                | —      | —      | 0.05                | —      | —     |
|        | 硝酸性窒素 (mg/L)           | —         | —      | 1.20                | —      | —      | 1.28                | —      | —     |
|        | リン酸イオン (mg/L)          | —         | —      | 0.05                | —      | —      | 0.13                | —      | —     |
|        | 総硬度 (mg/L)             | —         | —      | 56.7                | —      | —      | 61.4                | —      | —     |
|        | 導電率 (μS/cm)            | 141.5     | 183.0  | 216.5               | 186.0  | 207.0  | 205.0               | 221.5  | 207.0 |
|        | A. B. S. (mg/L)        | —         | —      | 0.32                | —      | —      | 0.00                | —      | —     |

| (2) 野 田 橋           |       |        |                     |        |       |                     |       |       |                     |
|---------------------|-------|--------|---------------------|--------|-------|---------------------|-------|-------|---------------------|
| 〃                   | 〃     | 9・18   | 〃                   | 〃      | 10・17 | 〃                   | 〃     | 11・27 | 〃                   |
| 74.20               | 71.90 | 143.95 | 152.40              | 152.40 | 629.2 | 63.71               | 6451  | 53.11 | 50.97               |
| 〃                   | 〃     | 〃      | 〃                   | 〃      | 〃     | 〃                   | 〃     | 〃     | 〃                   |
| 〃                   | 〃     | 雨      | くもり                 | 〃      | 〃     | 晴                   | 〃     | 〃     | 〃                   |
| 13:00               | 15:00 | 8:15   | 13:20               | 16:35  | 8:45  | 14:20               | 16:30 | 8:25  | 14:50               |
| 1.98                | 1.95  | 3.20   | 3.27                | 3.27   | 2.38  | 2.39                | 2.40  | 2.25  | 2.22                |
| 0.40                | 0.39  | 0.64   | 0.65                | 0.65   | 0.48  | 0.48                | 0.48  | 0.45  | 0.44                |
| 〃                   | 〃     | 12.06  | 〃                   | 〃      | 11.42 | 〃                   | 〃     | 9.10  | 〃                   |
| 〃                   | 〃     | 6.09   | 〃                   | 〃      | 6.03  | 〃                   | 〃     | 3.37  | 〃                   |
| 31.0                | 31.0  | 22.0   | 24.5                | 21.6   | 18.0  | 21.5                | 17.5  | 10.0  | 15.8                |
| 27.7                | 28.0  | 19.5   | 20.5                | 20.0   | 18.0  | 19.2                | 17.8  | 9.6   | 11.0                |
| 〃                   | 〃     | 淡黄色    | 〃                   | 〃      | 無色    | 〃                   | 〃     | 〃     | 〃                   |
| 〃                   | 〃     | 無臭     | 〃                   | 〃      | 〃     | 〃                   | 〃     | 〃     | 〃                   |
| 26.0                | 26.0  | 22.0   | 18.0                | 15.0   | 28.0  | 30.0                | 28.0  | 24.0  | —                   |
| 0.99                | 0.96  | 1.70   | 1.77                | 1.77   | 0.88  | 0.89                | 0.90  | 0.75  | 0.72                |
| 〃                   | 〃     | 〃      | 〃                   | 〃      | 〃     | 〃                   | 〃     | 〃     | 〃                   |
| 0.00                | —     | —      | 0.00                | —      | —     | 0.00                | —     | —     | 0.00                |
| —                   | —     | —      | —                   | —      | —     | —                   | —     | —     | —                   |
| 0.00                | —     | —      | —                   | —      | —     | —                   | —     | —     | —                   |
| 0.000               | —     | —      | 0.000               | —      | —     | 0.000               | —     | —     | 0.000               |
| 0.00                | —     | —      | 0.04                | —      | —     | 0.01                | —     | —     | 0.06                |
| 0.00                | —     | —      | 0.00                | —      | —     | 0.00                | —     | —     | 0.00                |
| 0.00                | —     | —      | 0.00                | —      | —     | 0.00                | —     | —     | 0.00                |
| 0.000               | —     | —      | 0.000               | —      | —     | 0.000               | —     | —     | 0.000               |
| 7.4                 | 7.3   | 7.2    | 7.2                 | 7.1    | 7.2   | 7.2                 | 7.2   | 7.0   | 7.1                 |
| 7.8                 | 8.0   | 8.3    | 8.1                 | 8.0    | 9.6   | 9.7                 | 9.8   | 11.4  | 11.5                |
| 1.6                 | 1.2   | 0.9    | 1.5                 | 1.6    | 1.2   | 1.6                 | 1.8   | 1.0   | 1.1                 |
| 4.9                 | 4.4   | 0.7    | 1.4                 | 1.5    | 2.8   | 3.1                 | 2.9   | 4.3   | 4.5                 |
| 2.0                 | 3.2   | 2.7    | 3.2                 | 3.4    | 1.3   | 6                   | 1.2   | 1.2   | 1.3                 |
| 4.6×10 <sup>3</sup> | —     | —      | 7.9×10 <sup>4</sup> | —      | —     | 7.9×10 <sup>3</sup> | —     | —     | 7.9×10 <sup>3</sup> |
| 0.005               | —     | —      | 0.004               | —      | —     | 0.008               | —     | —     | 0.005               |
| 0.00                | —     | —      | 0.01                | —      | —     | 0.001               | —     | —     | 0.01                |
| 0.01                | —     | —      | 0.02                | —      | —     | 0.01                | —     | —     | 0.01                |
| 0.00                | —     | —      | 0.03                | —      | —     | 0.00                | —     | —     | 0.03                |
| 0.00                | —     | —      | 0.00                | —      | —     | 0.08                | —     | —     | 0.13                |
| 0.00                | —     | —      | 0.00                | —      | —     | 0.00                | —     | —     | 0.00                |
| 0.17                | —     | —      | 0.04                | —      | —     | 0.06                | —     | —     | 0.20                |
| 16.0                | 17.0  | 22.2   | 23.7                | 22.7   | 26.8  | 25.8                | 24.7  | 22.2  | 23.2                |
| 1.93                | —     | —      | 2.19                | —      | —     | 3.13                | —     | —     | 1.29                |
| 0.00                | —     | —      | 0.12                | —      | —     | 0.08                | —     | —     | 0.08                |
| 1.36                | —     | —      | 1.76                | —      | —     | 1.80                | —     | —     | 1.80                |
| 0.01                | —     | —      | 0.01                | —      | —     | 0.06                | —     | —     | 0.03                |
| 62.3                | —     | —      | 68.9                | —      | —     | 63.3                | —     | —     | 84.0                |
| 201.0               | 200.0 | 218.0  | 230.5               | 230.5  | 265.0 | 258.5               | 279.0 | 229.0 | 234.5               |
| 0.00                | —     | —      | 0.28                | —      | —     | 0.58                | —     | —     | 0.00                |

| 調査地点   |                   | (2) 野 田 橋     |                     |       | (3) 流 山 橋     |                     |     |               |                     |
|--------|-------------------|---------------|---------------------|-------|---------------|---------------------|-----|---------------|---------------------|
| 測定項目   | 月・日               | 12・11         | 〃                   | 〃     | 1・21          | 〃                   | 〃   | 2・18          | 〃                   |
| 現場測定項目 | 流量 (ml/s)         | 50.05         | 50.66               | 50.71 | 72.30         | 37.40               | 欠 測 | 51.40         | 43.60               |
|        | 採取位置              | 流心部           | 〃                   | 〃     | 〃             | 〃                   | 〃   | 〃             | 〃                   |
|        | 天候                | くもり           | 〃                   | 〃     | 〃             | 雪                   | 〃   | 晴             | 〃                   |
|        | 採取時刻 (時:分)        | 11:23         | 13:25               | 15:15 | 9:00          | 14:25               | 〃   | 9:18          | 14:25               |
|        | 全水深 (m)           | 1.65          | 1.66                | 1.67  | 2.10          | 1.78                | 〃   | 1.90          | 1.85                |
|        | 採取水深 (m)          | 0.33          | 0.33                | 0.33  | 0.42          | 0.36                | 〃   | 0.38          | 0.37                |
|        | 干潮時刻 (時:分)        | 9:00<br>21:41 | 〃                   | 〃     | 9:56<br>22:23 | 〃                   | 〃   | 9:01<br>21:32 | 〃                   |
|        | 満潮時刻 (時:分)        | 3:57<br>14:26 | 〃                   | 〃     | 4:57<br>15:15 | 〃                   | 〃   | 4:10<br>14:14 | 〃                   |
|        | 気温 (℃)            | 10.0          | 10.0                | 9.6   | 0.0           | 1.0                 | 〃   | 10.5          | 14.5                |
|        | 水温 (℃)            | 7.0           | 7.0                 | 7.1   | 1.0           | 1.5                 | 〃   | 7.5           | 8.0                 |
|        | 色相                | 無 色           | 〃                   | 〃     | 〃             | 〃                   | 〃   | 無 色           | 〃                   |
|        | 臭気                | 無 臭           | 〃                   | 〃     | 〃             | 〃                   | 〃   | 無 臭           | 〃                   |
|        | 透視度 (cm)          | 27.0          | 27.0                | 28.0  | 27.0          | 16.0                | 〃   | 24.0          | 30.0以上              |
| 健康項目   | 水 位               | 0.69          | 0.70                | 0.71  | 1.78          | 1.44                | 〃   | 1.59          | 1.51                |
|        | 流 向               | 順 流           | 〃                   | 〃     | 〃             | 〃                   | 〃   | 順 流           | 〃                   |
|        | シ ア ン (mg/L)      | —             | 0.00                | —     | —             | 0.00                | 〃   | —             | 0.00                |
|        | アルキル水銀 (mg/L)     | —             | —                   | —     | —             | —                   | 〃   | —             | —                   |
|        | 有機機 磷 (mg/L)      | —             | 0.00                | —     | —             | 0.00                | 〃   | —             | —                   |
|        | カドミウム (mg/L)      | —             | 0.000               | —     | —             | 0.000               | 〃   | —             | 0.000               |
|        | 鉛 (mg/L)          | —             | 0.00                | —     | —             | 0.00                | 〃   | —             | 0.00                |
| 生活環境項目 | クロム (6価) (mg/L)   | —             | 0.00                | —     | —             | 0.00                | 〃   | —             | 0.00                |
|        | 砒 素 (mg/L)        | —             | 0.00                | —     | —             | 0.00                | 〃   | —             | —                   |
|        | 総 水 銀 (mg/L)      | —             | 0.000               | —     | —             | 0.000               | 〃   | —             | 0.000               |
|        | P H               | 6.8           | 6.8                 | 6.8   | 6.6           | 6.4                 | 〃   | 6.7           | 6.8                 |
|        | D O (mg/L)        | 11.6          | 11.5                | 11.0  | 12.0          | 12.4                | 〃   | 9.8           | 10.7                |
|        | B O D (mg/L)      | 1.3           | 1.0                 | 1.3   | 1.5           | 2.8                 | 〃   | 2.7           | 2.6                 |
|        | C O D (mg/L)      | 2.9           | 2.8                 | 2.9   | 4.0           | 5.2                 | 〃   | 4.1           | 4.6                 |
| 一般項目   | S S (mg/L)        | 12            | 6                   | 5     | 11            | 10                  | 〃   | 5             | 25                  |
|        | 大腸菌群数 (MPN/100ml) | —             | 4.9×10 <sup>3</sup> | —     | —             | 1.1×10 <sup>5</sup> | 〃   | —             | 2.2×10 <sup>4</sup> |
|        | フェノール類 (mg/L)     | —             | 0.011               | —     | —             | 0.007               | 〃   | —             | 0.005               |
|        | 銅 (mg/L)          | —             | 0.00                | —     | —             | 0.01                | 〃   | —             | 0.00                |
|        | 亜 鉛 (mg/L)        | —             | 0.03                | —     | —             | 0.03                | 〃   | —             | 0.03                |
|        | 溶解性鉄 (mg/L)       | —             | 0.03                | —     | —             | 0.00                | 〃   | —             | 0.00                |
|        | 溶解性マンガン (mg/L)    | —             | 0.00                | —     | —             | 0.00                | 〃   | —             | 0.00                |
|        | クロム (mg/L)        | —             | 0.00                | —     | —             | 0.43                | 〃   | —             | 0.00                |
|        | 弗 素 (mg/L)        | —             | 0.16                | —     | —             | 0.00                | 〃   | —             | —                   |
|        | 塩素イオン (mg/L)      | 21.7          | 19.6                | 18.6  | 33.5          | 30.9                | 〃   | 11.8          | 11.3                |
|        | 全 窒 素 (mg/L)      | —             | 0.52                | —     | —             | —                   | 〃   | —             | —                   |
|        | アンモニア性窒素 (mg/L)   | —             | 0.16                | —     | —             | 0.28                | 〃   | —             | 0.26                |
|        | 硝酸性窒素 (mg/L)      | —             | 1.64                | —     | —             | 1.36                | 〃   | —             | 0.80                |
|        | リン酸イオン (mg/L)     | —             | 0.05                | —     | —             | 0.25                | 〃   | —             | 0.10                |
|        | 総 硬 度 (mg/L)      | —             | 89.7                | —     | —             | 72.5                | 〃   | —             | 72.5                |
|        | 導 電 率 (μscm)      | 257.5         | 256.5               | 258.0 | —             | 258.0               | 〃   | —             | 245.0               |
|        | A. B. S. (mg/L)   | —             | 0.19                | —     | —             | —                   | 〃   | —             | —                   |

| (3) 野 田 橋 |       |                     |       |       |                     |       |       |                     |       |
|-----------|-------|---------------------|-------|-------|---------------------|-------|-------|---------------------|-------|
| 〃         | 3・25  | 〃                   | 〃     | 4・22  | 〃                   | 〃     | 5・27  | 〃                   | 6・20  |
| 47.40     | 67.60 | 40.90               | 40.00 | 88.70 | 76.00               | 82.20 | 87.40 | 52.40               | 42.70 |
| 〃         | 〃     | 〃                   | 〃     | 〃     | 〃                   | 〃     | 〃     | 〃                   | 〃     |
| 〃         | くもり   | 晴                   | 〃     | くもり   | 〃                   | 〃     | 晴     | 〃                   | くもり   |
| 16:10     | 9:20  | 14:35               | 16:15 | 9:00  | 14:50               | 16:25 | 9:10  | 14:35               | 16:45 |
| 1.86      | 2.05  | 1.80                | 1.78  | 2.30  | 2.15                | 2.25  | 2.30  | 1.96                | 1.90  |
| 0.37      | 0.41  | 0.36                | 0.36  | 0.46  | 0.43                | 0.45  | 0.46  | 0.39                | 0.38  |
| 〃         | 11.53 | 〃                   | 〃     | 10.57 | 〃                   | 〃     | 2.33  | 〃                   | 〃     |
| 〃         | 5.41  | 〃                   | 〃     | 23.13 | 〃                   | 〃     | 15.00 | 〃                   | 〃     |
| 〃         | 18.05 | 〃                   | 〃     | 4.33  | 〃                   | 〃     | 7.57  | 〃                   | 〃     |
| 13.5      | 10.0  | 13.5                | 11.7  | 17.5  | 17.5                | 17.0  | 22.5  | 27.0                | 22.0  |
| 9.4       | 8.0   | 9.5                 | 9.5   | 13.5  | 14.5                | 14.0  | 19.0  | 23.0                | 21.0  |
| 〃         | 〃     | 〃                   | 〃     | 〃     | 〃                   | 〃     | 〃     | 〃                   | 〃     |
| 〃         | 〃     | 〃                   | 〃     | 〃     | 〃                   | 〃     | 〃     | 〃                   | 〃     |
| 25.0      | 14.0  | 18.0                | 21.0  | 19.0  | 15.0                | 16.0  | 16.0  | 18.5                | 14.0  |
| 15.5      | 17.4  | 1.48                | 1.47  | 1.91  | 1.81                | 1.86  | 1.90  | 1.60                | 1.50  |
| 〃         | 〃     | 〃                   | 〃     | 〃     | 〃                   | 〃     | 〃     | 〃                   | 〃     |
| —         | —     | 0.00                | —     | —     | 0.00                | —     | —     | 0.00                | —     |
| —         | —     | —                   | —     | —     | —                   | —     | —     | —                   | —     |
| —         | —     | —                   | —     | —     | —                   | —     | —     | —                   | —     |
| —         | —     | 0.000               | —     | —     | 0.000               | —     | —     | 0.000               | —     |
| —         | —     | 0.00                | —     | —     | 0.00                | —     | —     | 0.00                | —     |
| —         | —     | 0.00                | —     | —     | 0.00                | —     | —     | 0.00                | —     |
| —         | —     | —                   | —     | —     | —                   | —     | —     | 0.00                | —     |
| —         | —     | 0.000               | —     | —     | 0.000               | —     | —     | 0.000               | —     |
| 6.8       | 7.0   | 7.0                 | 7.0   | 6.9   | 6.6                 | 7.1   | 6.9   | 7.0                 | 6.9   |
| 10.7      | 9.6   | 9.8                 | 9.9   | 88    | 9.1                 | 8.9   | 8.1   | 8.4                 | 8.2   |
| 4.1       | 2.3   | 3.2                 | 4.9   | 1.5   | 1.4                 | 3.9   | 1.9   | 2.9                 | 3.9   |
| 4.6       | 4.3   | 5.3                 | 5.0   | 4.1   | 4.4                 | 4.4   | 3.6   | 3.9                 | 5.4   |
| 6         | 11    | 13                  | 11    | 33    | 53                  | 23    | 22    | 15                  | 37    |
| —         | —     | 2.2×10 <sup>4</sup> | —     | —     | 1.7×10 <sup>4</sup> | —     | —     | 3.3×10 <sup>4</sup> | —     |
| —         | —     | 0.006               | —     | —     | 0.004               | —     | —     | 0.003               | —     |
| —         | —     | 0.01                | —     | —     | 0.01                | —     | —     | 0.00                | —     |
| —         | —     | 0.03                | —     | —     | 0.04                | —     | —     | 0.02                | —     |
| —         | —     | 0.00                | —     | —     | 0.00                | —     | —     | 0.00                | —     |
| —         | —     | 0.00                | —     | —     | 0.00                | —     | —     | 0.00                | —     |
| —         | —     | 0.00                | —     | —     | 0.00                | —     | —     | 0.00                | —     |
| —         | —     | —                   | —     | —     | —                   | —     | —     | 0.14                | —     |
| 10.7      | 29.3  | 25.7                | 27.3  | 22.2  | 25.8                | 28.4  | 16.0  | 11.3                | 11.3  |
| —         | —     | —                   | —     | —     | —                   | —     | —     | 1.13                | —     |
| —         | —     | 0.22                | —     | —     | 0.08                | —     | —     | 0.11                | —     |
| —         | —     | 1.32                | —     | —     | 0.60                | —     | —     | 1.04                | —     |
| —         | —     | 0.11                | —     | —     | 0.05                | —     | —     | 0.05                | —     |
| —         | —     | 70.8                | —     | —     | 41.1                | —     | —     | 34.0                | —     |
| —         | —     | 247.0               | —     | 144.0 | 137.5               | 142.0 | 146.0 | 142.5               | 144.0 |
| —         | —     | —                   | —     | —     | 0.20                | —     | —     | 0.28                | —     |

| 調査地点   |                        | (3) 流 山 橋          |        |                |                     |        |               |                     |       |
|--------|------------------------|--------------------|--------|----------------|---------------------|--------|---------------|---------------------|-------|
| 測定項目   |                        | 6・20               | "      | 7・24           | "                   | "      | 8・20          | "                   | "     |
| 現場測定項目 | 流量 (m <sup>3</sup> /s) | 11 5.60            | 118.70 | 172.70         | 151.30              | 142.80 | 8 4.80        | 67.60               | 60.90 |
|        | 採取位置                   | 流心部                | "      | "              | "                   | "      | "             | "                   | "     |
|        | 天候                     | 晴                  | くもり    | "              | "                   | "      | 晴             | "                   | "     |
|        | 採取時刻 (時:分)             | 15:05              | 16:50  | 9:15           | 15:35               | 17:05  | 11:10         | 13:15               | 15:15 |
|        | 全水深 (m)                | 2.45               | 2.54   | 2.85           | 2.73                | 2.68   | 2.35          | 2.21                | 2.15  |
|        | 採取水深 (m)               | 0.49               | 0.51   | 0.57           | 0.55                | 0.54   | 0.47          | 0.44                | 0.43  |
|        | 干潮時刻 (時:分)             | 11:01<br>23:24     | "      | 15:59<br>14:09 | "                   | "      | 0:13<br>12:33 | "                   | "     |
|        | 満潮時刻 (時:分)             | 4:02<br>17:59      | "      | 8:00<br>20:20  | "                   | "      | 6:16<br>18:43 | "                   | "     |
|        | 気温 (℃)                 | 25.0               | 26.8   | 26.5           | 25.0                | 26.0   | 31.0          | 32.0                | 32.0  |
|        | 水温 (℃)                 | 22.2               | 23.0   | 23.5           | 22.8                | 22.8   | 26.5          | 28.0                | 28.2  |
|        | 色相                     | 淡黄色                | "      | 無色             | "                   | "      | 欠測            | "                   | "     |
|        | 臭気                     | 植物臭                | "      | 無臭             | "                   | "      | 欠測            | "                   | "     |
|        | 透視度 (cm)               | 13.0               | 13.2   | 17.0           | 16.0                | 16.0   | 22.0          | 22.0                | 21.5  |
|        | 水流位                    | 2.10               | 2.12   | 2.44           | 2.32                | 2.27   | 1.88          | 1.74                | 1.68  |
|        | 流向                     | 順流                 | "      | "              | "                   | "      | "             | "                   | "     |
| 健康項目   | シアン (mg/L)             | 0.00               | —      | —              | 0.00                | —      | —             | 0.00                | —     |
|        | アルキル水銀 (mg/L)          | —                  | —      | —              | —                   | —      | —             | —                   | —     |
|        | 有機燐 (mg/L)             | —                  | —      | —              | —                   | —      | —             | 0.07                | —     |
|        | カドミウム (mg/L)           | 0.000              | —      | —              | 0.000               | —      | —             | 0.000               | —     |
|        | 鉛 (mg/L)               | 0.00               | —      | —              | 0.02                | —      | —             | 0.00                | —     |
|        | クロム (6価) (mg/L)        | 0.00               | —      | —              | 0.00                | —      | —             | 0.00                | —     |
|        | 砒素 (mg/L)              | 0.01               | —      | —              | 0.00                | —      | —             | 0.00                | —     |
|        | 総水銀 (mg/L)             | 0.000              | —      | —              | 0.000               | —      | —             | 0.000               | —     |
| 生活環境項目 | PH                     | 6.9                | 7.1    | 7.3            | 7.0                 | 7.2    | 7.2           | 7.3                 | 7.3   |
|        | D O (mg/L)             | 7.1                | 6.9    | 7.6            | 7.7                 | 7.7    | 7.6           | 7.4                 | 7.8   |
|        | B O D (mg/L)           | 3.4                | 2.9    | 1.0            | 1.1                 | 1.0    | 1.2           | 1.9                 | 1.3   |
|        | C O D (mg/L)           | 6.8                | 4.7    | 4.4            | 4.0                 | 3.7    | 4.7           | 6.1                 | 3.5   |
|        | S S (mg/L)             | 90                 | 39     | 49             | 46                  | 42     | 37            | 39                  | 27    |
|        | 大腸菌群数 (MPN/100 ml)     | 13×10 <sup>5</sup> | —      | —              | 1.3×10 <sup>4</sup> | —      | —             | 4.9×10 <sup>3</sup> | —     |
| 一般項目   | フェノール類 (mg/L)          | 0.005              | —      | —              | 0.005               | —      | —             | 0.004               | —     |
|        | 銅 (mg/L)               | 0.03               | —      | —              | 0.01                | —      | —             | 0.00                | —     |
|        | 亜鉛 (mg/L)              | 0.06               | —      | —              | 0.02                | —      | —             | 0.01                | —     |
|        | 溶解性鉄 (mg/L)            | 0.00               | —      | —              | 0.00                | —      | —             | 0.00                | —     |
|        | 溶解性マンガン (mg/L)         | 0.00               | —      | —              | 0.00                | —      | —             | 0.00                | —     |
|        | クロム (mg/L)             | 0.00               | —      | —              | 0.00                | —      | —             | 0.00                | —     |
|        | 弗素 (mg/L)              | 0.16               | —      | —              | 0.16                | —      | —             | 0.19                | —     |
|        | 塩素イオン (mg/L)           | 18.0               | 17.0   | 18.0           | 18.0                | 17.0   | 18.0          | 18.0                | 17.5  |
|        | 全窒素 (mg/L)             | 2.47               | —      | —              | 3.04                | —      | —             | 2.46                | —     |
|        | アンモニア性窒素 (mg/L)        | 0.13               | —      | —              | 0.06                | —      | —             | 0.00                | —     |
|        | 硝酸性窒素 (mg/L)           | 1.36               | —      | —              | 1.36                | —      | —             | 1.32                | —     |
|        | リン酸イオン (mg/L)          | 0.05               | —      | —              | 0.09                | —      | —             | 0.01                | —     |
|        | 総硬度 (mg/L)             | 59.0               | —      | —              | 60.4                | —      | —             | 63.3                | —     |
|        | 導電率 (μS/cm)            | 209.0              | 187.0  | 209.5          | 206.0               | 208.5  | 203.0         | 204.0               | 203.0 |
|        | A. B. S (mg/L)         | 0.32               | —      | —              | 0.00                | —      | —             | 0.00                | —     |

| (3) 流 山 橋     |                     |        |               |                     |       |               |                     |       |               |                     |
|---------------|---------------------|--------|---------------|---------------------|-------|---------------|---------------------|-------|---------------|---------------------|
| 9・18          | "                   | "      | 10・17         | "                   | "     | 11・27         | "                   | "     | 12・11         | "                   |
| 180.50        | 144.90              | 151.40 | 86.70         | 60.60               | 63.70 | 61.60         | 56.50               | 61.60 | 53.48         | 50.26               |
| "             | "                   | "      | "             | "                   | "     | "             | "                   | "     | "             | "                   |
| くもり           | 雨                   | くもり    | 晴             | くもり                 | 晴     | "             | "                   | "     | くもり           | "                   |
| 9:10          | 14:35               | 17:10  | 9:40          | 15:10               | 17:02 | 10:55         | 15:25               | 18:20 | 11:00         | 13:15               |
| 2.90          | 2.69                | 2.73   | 2.28          | 2.00                | 2.08  | 1.50          | 1.45                | 1.50  | 1.90          | 1.92                |
| 0.58          | 0.54                | 0.55   | 0.46          | 0.40                | 0.42  | 0.30          | 0.29                | 0.30  | 0.38          | 0.38                |
| 12.06         | "                   | "      | 11.42         | "                   | "     | 9.10<br>21.44 | "                   | "     | 9.00<br>21.41 | "                   |
| 6.09<br>18.00 | "                   | "      | 6.03<br>17.17 | "                   | "     | 3.37<br>14.56 | "                   | "     | 3.57<br>14.26 | "                   |
| 21.5          | 22.1                | 21.8   | 18.8          | 20.0                | 16.5  | 15.0          | 15.0                | 10.8  | 11.7          | 10.0                |
| 20.0          | 21.0                | 19.0   | 18.2          | 19.7                | 18.0  | 9.0           | 11.0                | 9.0   | 7.0           | 7.0                 |
| 淡黄色           | "                   | "      | 無色            | "                   | "     | "             | "                   | "     | "             | "                   |
| 無臭            | "                   | "      | "             | "                   | "     | "             | "                   | "     | "             | "                   |
| 16.0          | 18.0                | —      | 25.0          | 25.0                | —     | 15.0          | 23.0                | —     | 28.0          | 28.0                |
| 2.49          | 2.28                | 2.32   | 1.87          | 1.64                | 1.67  | 1.65          | 1.60                | 1.65  | 1.61          | 1.63                |
| "             | "                   | "      | "             | "                   | "     | "             | "                   | "     | "             | "                   |
| —             | 0.00                | —      | —             | 0.00                | —     | —             | 0.00                | —     | —             | 0.00                |
| —             | —                   | —      | —             | —                   | —     | —             | —                   | —     | —             | —                   |
| —             | —                   | —      | —             | 0.00                | —     | —             | —                   | —     | —             | 0.00                |
| —             | 0.000               | —      | —             | 0.000               | —     | —             | 0.000               | —     | —             | 0.000               |
| —             | 0.02                | —      | —             | 0.02                | —     | —             | 0.00                | —     | —             | 0.00                |
| —             | 0.00                | —      | —             | 0.00                | —     | —             | 0.00                | —     | —             | 0.00                |
| —             | 0.00                | —      | —             | 0.00                | —     | —             | 0.00                | —     | —             | 0.00                |
| —             | 0.000               | —      | —             | 0.000               | —     | —             | 0.000               | —     | —             | 0.000               |
| 7.1           | 7.0                 | 7.0    | 7.2           | 7.0                 | 7.2   | 6.9           | 6.9                 | 6.9   | 6.9           | 6.9                 |
| 8.2           | 7.6                 | 7.6    | 9.8           | 9.4                 | 9.6   | 11.2          | 10.6                | 10.7  | 11.5          | 11.5                |
| 1.0           | 1.7                 | 3.6    | 1.1           | 3.0                 | 1.5   | 2.6           | 5.5                 | 2.0   | 1.1           | 1.4                 |
| 1.0           | 1.4                 | 1.7    | 2.4           | 3.6                 | 3.3   | 5.6           | 9.4                 | 4.7   | 2.7           | 2.7                 |
| 2.4           | 2.4                 | 2.7    | 1.0           | 7                   | 12    | 10            | 14                  | 7     | 7             | 12                  |
| —             | 4.9×10 <sup>4</sup> | —      | —             | 2.4×10 <sup>4</sup> | —     | —             | 3.5×10 <sup>5</sup> | —     | —             | 7.9×10 <sup>3</sup> |
| —             | 0.003               | —      | —             | 0.009               | —     | —             | 0.003               | —     | —             | 0.012               |
| —             | 0.01                | —      | —             | 0.01                | —     | —             | 0.01                | —     | —             | 0.00                |
| —             | 0.02                | —      | —             | 0.00                | —     | —             | 0.01                | —     | —             | 0.03                |
| —             | 0.00                | —      | —             | 0.00                | —     | —             | 0.06                | —     | —             | 0.00                |
| —             | 0.02                | —      | —             | 0.00                | —     | —             | 0.02                | —     | —             | 0.05                |
| —             | 0.00                | —      | —             | 0.00                | —     | —             | 0.00                | —     | —             | 0.00                |
| —             | 0.00                | —      | —             | 0.15                | —     | —             | 0.25                | —     | —             | 0.15                |
| 18.6          | 24.2                | 22.7   | 28.9          | 28.9                | 25.8  | 27.8          | 25.8                | 23.2  | 20.6          | 20.6                |
| —             | 2.19                | —      | —             | 3.33                | —     | —             | 1.57                | —     | —             | 1.05                |
| —             | 0.05                | —      | —             | 0.03                | —     | —             | 0.05                | —     | —             | 0.17                |
| —             | 1.80                | —      | —             | 1.80                | —     | —             | 1.76                | —     | —             | 1.16                |
| —             | 0.01                | —      | —             | 0.00                | —     | —             | 0.00                | —     | —             | 0.03                |
| —             | 70.8                | —      | —             | 66.1                | —     | —             | 85.9                | —     | —             | 89.7                |
| 222.5         | 230.5               | 226.5  | 268.0         | 263.0               | 274.5 | 235.5         | 236.5               | 236.5 | 253.0         | 254.5               |
| —             | 0.38                | —      | —             | 0.48                | —     | —             | 0.19                | —     | —             | 0.19                |

| 測定項目   |                        | (3)流出橋        | (4) 新 葛 飾 橋   |                     |     |               |                     |       |               |
|--------|------------------------|---------------|---------------|---------------------|-----|---------------|---------------------|-------|---------------|
|        |                        | 12・11         | 1・21          | #                   | #   | 2・18          | #                   | #     | 3・25          |
| 現場測定項目 | 流量 (m <sup>3</sup> /s) | 54.42         | 50.06         | 29.61               | 欠 測 | 58.79         | 0.00                | 18.92 | 60.01         |
|        | 採取位置                   | 流心部           | #             | #                   | #   | #             | #                   | #     | #             |
|        | 天候                     | くもり           | #             | 雪                   | 晴   | #             | #                   | #     | くもり           |
|        | 採取時刻(時:分)              | 15:10         | 9:40          | 13:40               |     | 9:55          | 13:40               | 16:35 | 9:55          |
|        | 全水深 (m)                | 1.96          | 4.25          | 3.86                |     | 4.00          | 3.84                | 3.98  | 4.25          |
|        | 採取水深 (m)               | 0.39          | 0.85          | 0.77                |     | 0.80          | 0.77                | 0.80  | 0.85          |
|        | 干潮時刻(時:分)              | 9:00<br>21:41 | 9:56<br>22:23 | #                   |     | 9:01<br>21:32 | #                   | #     | 11:53         |
|        | 満潮時刻(時:分)              | 3:57<br>14:26 | 4:57<br>15:15 | #                   |     | 4:10<br>14:14 | #                   | #     | 5:41<br>18:05 |
|        | 気温 (℃)                 | 9.0           | 1.8           | 3.0                 |     | 14.0          | 13.2                | 13.0  | 10.5          |
|        | 水温 (℃)                 | 7.0           | 2.0           | 3.2                 |     | 7.0           | 7.5                 | 9.2   | 8.8           |
|        | 水色                     | 無色            | #             | #                   |     | 無色            | #                   | #     | #             |
|        | 臭気                     | 無臭            | #             | #                   |     | 無臭            | #                   | #     | #             |
|        | 透視度 (cm)               | 27.0          | 18.0          | 15.0                |     | 26.0          | 30.0以上              | 25.0  | 16.0          |
| 健康項目   | 水流位                    | 1.67          | 1.66          | 1.46                |     | 1.42          | 1.44                | 1.40  | 1.66          |
|        | 流向                     | 順流            | #             | #                   |     | 順流            | 流速なし                | 順流    | #             |
|        | シアン (mg/L)             | —             | —             | 0.00                |     | —             | 0.00                | —     | —             |
|        | アルキル水銀 (μg/L)          | —             | —             | —                   |     | —             | —                   | —     | —             |
|        | 有機リン (mg/L)            | —             | —             | 0.00                |     | —             | —                   | —     | —             |
|        | カドミウム (mg/L)           | —             | —             | 0.000               |     | —             | 0.000               | —     | —             |
|        | 鉛 (mg/L)               | —             | —             | 0.00                |     | —             | 0.03                | —     | —             |
|        | クロム (6価) (mg/L)        | —             | —             | 0.00                |     | —             | 0.00                | —     | —             |
|        | 砒素 (mg/L)              | —             | —             | 0.00                |     | —             | —                   | —     | —             |
|        | 総水銀 (mg/L)             | —             | —             | 0.000               |     | —             | 0.000               | —     | —             |
| 生活環境項目 | P H                    | 6.9           | 6.7           | 6.3                 |     | 6.8           | 6.9                 | 7.0   | 6.9           |
|        | D O (mg/L)             | 11.5          | 12.6          | 12.6                |     | 10.1          | 9.9                 | 11.4  | 9.5           |
|        | B O D (mg/L)           | 1.3           | 2.0           | 2.0                 |     | 3.0           | 2.9                 | 3.4   | 2.6           |
|        | C O D (mg/L)           | 3.1           | 3.8           | 4.6                 |     | 4.0           | 5.0                 | 4.0   | 5.0           |
|        | S S (mg/L)             | 7             | 4             | 3                   |     | 8             | 6                   | 9     | 14            |
|        | 大腸菌群数(MPN/100mL)       | —             | —             | 2.4×10 <sup>4</sup> |     | —             | 1.7×10 <sup>4</sup> | —     | —             |
| 一般項目   | フェノール類 (mg/L)          | —             | —             | 0.006               |     | —             | 0.005               | —     | —             |
|        | 銅 (mg/L)               | —             | —             | 0.01                |     | —             | 0.01                | —     | —             |
|        | 亜鉛 (mg/L)              | —             | —             | 0.03                |     | —             | 0.03                | —     | —             |
|        | 溶解性鉄 (mg/L)            | —             | —             | 0.03                |     | —             | 0.03                | —     | —             |
|        | 溶解性マンガン (mg/L)         | —             | —             | 0.00                |     | —             | 0.46                | —     | —             |
|        | クロム (mg/L)             | —             | —             | 0.25                |     | —             | 0.00                | —     | —             |
|        | 弗素 (mg/L)              | —             | —             | 0.00                |     | —             | —                   | —     | —             |
|        | 塩素イオン (mg/L)           | 21.7          | 30.9          | 33.5                |     | 12.4          | 11.3                | 11.3  | 28.3          |
|        | 全窒素 (mg/L)             | —             | —             | —                   |     | —             | —                   | —     | —             |
|        | アンモニア性窒素 (mg/L)        | —             | —             | 0.31                |     | —             | 0.28                | —     | —             |
|        | 硝酸性窒素 (mg/L)           | —             | —             | 1.12                |     | —             | 1.20                | —     | —             |
|        | リン酸イオン (mg/L)          | —             | —             | 0.19                |     | —             | 0.14                | —     | —             |
|        | 総硬度 (mg/L)             | —             | —             | 72.5                |     | —             | 70.0                | —     | —             |
|        | 導電率 (μS/cm)            | 255.0         | —             | 255.0               |     | —             | 256.0               | —     | —             |
|        | A. B. S (mg/L)         | —             | —             | —                   |     | —             | —                   | —     | —             |
|        |                        |               |               |                     |     |               |                     |       |               |
|        |                        |               |               |                     |     |               |                     |       |               |
|        |                        |               |               |                     |     |               |                     |       |               |
|        |                        |               |               |                     |     |               |                     |       |               |

| (4) 新 葛 飾 橋         |       |                |                    |       |               |                     |       |                |                     |       |
|---------------------|-------|----------------|--------------------|-------|---------------|---------------------|-------|----------------|---------------------|-------|
| #                   | #     | 4・22           | #                  | #     | 5・27          | #                   | #     | 6・20           | #                   | #     |
| 0.00                | 0.00  | 126.66         | 66.54              | 0.00  | 58.88         | 76.87               | 75.87 | 149.92         | 118.24              | 0.00  |
| #                   | #     | #              | #                  | #     | #             | #                   | #     | #              | #                   | #     |
| 晴                   | くもり   | #              | #                  | 晴     | #             | くもり                 | #     | 晴              | くもり                 | #     |
| 13:50               | 16:45 | 9:40           | 14:10              | 17:00 | 9:45          | 13:50               | 17:20 | 9:40           | 14:25               | 17:25 |
| 3.80                | 4.05  | 3.60           | 3.30               | 4.30  | 4.30          | 4.05                | 3.50  | 3.80           | 3.60                | 4.32  |
| 0.76                | 0.81  | 0.72           | 0.66               | 0.86  | 0.86          | 0.81                | 0.70  | 0.76           | 0.72                | 0.86  |
| #                   | #     | 10.57<br>23.13 | #                  | #     | 2.33<br>15.00 | #                   | #     | 11.01<br>23.24 | #                   | #     |
| #                   | #     | 4.33<br>17.21  | #                  | #     | 7.57<br>21.50 | #                   | #     | 4.02<br>17.59  | #                   | #     |
| 15.0                | 11.0  | 16.0           | 18.0               | 17.0  | 25.5          | 26.2                | 21.5  | 27.5           | 25.0                | 25.4  |
| 9.0                 | 10.0  | 14.7           | 14.5               | 14.0  | 19.2          | 21.6                | 20.5  | 22.0           | 22.3                | 22.5  |
| #                   | #     | 淡黄色            | 無色                 | 淡黄色   | 無色            | #                   | #     | #              | 淡黄色                 | 無色    |
| #                   | #     | #              | #                  | #     | #             | #                   | #     | 植物臭            | 無臭                  | #     |
| 11.0                | 15.0  | 15.0           | 19.0               | 16.5  | 17.0          | 19.0                | 18.0  | 18.0           | 10.0                | 19.0  |
| 1.40                | 1.46  | 1.00           | 0.80               | 1.70  | 1.80          | 1.45                | 1.00  | 1.32           | 1.00                | 1.84  |
| 流速なし                | #     | 順流             | #                  | 流速なし  | 順流            | #                   | #     | #              | #                   | 流速なし  |
| 0.00                | —     | —              | 0.00               | —     | —             | 0.00                | —     | —              | 0.00                | —     |
| —                   | —     | —              | —                  | —     | —             | —                   | —     | —              | —                   | —     |
| —                   | —     | —              | —                  | —     | —             | —                   | —     | —              | —                   | —     |
| 0.000               | —     | —              | 0.000              | —     | —             | 0.000               | —     | —              | 0.000               | —     |
| 0.00                | —     | —              | 0.04               | —     | —             | 0.00                | —     | —              | —                   | —     |
| 0.00                | —     | —              | 0.00               | —     | —             | 0.00                | —     | —              | 0.00                | —     |
| —                   | —     | —              | —                  | —     | —             | 0.00                | —     | —              | 0.00                | —     |
| 0.000               | —     | —              | 0.000              | —     | —             | 0.000               | —     | —              | 0.000               | —     |
| 6.9                 | 7.1   | 7.0            | 6.8                | 7.0   | 7.0           | 7.1                 | 7.0   | 6.7            | 7.0                 | 7.1   |
| 9.7                 | 9.6   | 9.0            | 9.1                | 9.0   | 8.1           | 7.8                 | 8.1   | 6.8            | 7.3                 | 7.4   |
| 3.1                 | 2.3   | 1.4            | 1.5                | 0.7   | 2.1           | 3.2                 | 2.2   | 1.5            | 2.6                 | 1.4   |
| 4.7                 | 4.0   | 4.0            | 5.6                | 2.8   | 4.0           | 4.8                 | 4.2   | 4.4            | 6.2                 | 2.9   |
| 12                  | 12    | 39             | 41                 | 16    | 17            | 23                  | 27    | 21             | 86                  | 13    |
| 7.0×10 <sup>3</sup> | —     | —              | 49×10 <sup>4</sup> | —     | —             | 3.3×10 <sup>4</sup> | —     | —              | 7.9×10 <sup>4</sup> | —     |
| 0.006               | —     | —              | 0.004              | —     | —             | 0.005               | —     | —              | 0.005               | —     |
| 0.01                | —     | —              | 0.02               | —     | —             | 0.00                | —     | —              | 0.03                | —     |
| 0.03                | —     | —              | 0.04               | —     | —             | 0.02                | —     | —              | 0.05                | —     |
| 0.00                | —     | —              | 0.00               | —     | —             | 0.00                | —     | —              | 0.00                | —     |
| 0.00                | —     | —              | 0.00               | —     | —             | 0.00                | —     | —              | 0.00                | —     |
| 0.00                | —     | —              | 0.00               | —     | —             | 0.00                | —     | —              | 0.00                | —     |
| —                   | —     | —              | —                  | —     | —             | 0.11                | —     | —              | 0.15                | —     |
| 30.9                | 30.9  | 26.3           | 23.2               | 21.7  | 14.9          | 15.5                | 13.9  | 18.0           | 16.0                | 15.5  |
| —                   | —     | —              | —                  | —     | —             | 2.02                | —     | —              | 28.0                | —     |
| 0.27                | —     | —              | 0.05               | —     | —             | 0.14                | —     | —              | 0.12                | —     |
| 1.40                | —     | —              | 0.64               | —     | —             | 0.88                | —     | —              | 1.40                | —     |
| 0.27                | —     | —              | 0.06               | —     | —             | 0.06                | —     | —              | 0.04                | —     |
| 68.5                | —     | —              | 44.4               | —     | —             | 40.1                | —     | —              | 58.1                | —     |
| 254.5               | —     | 140.5          | 137.5              | 137.5 | 164.5         | 168.5               | 153.0 | 183.5          | 201.5               | 176.0 |
| —                   | —     | —              | 0.24               | —     | —             | 0.36                | —     | —              | 0.28                | —     |

| 調査地点   |                     | (4) 新 葛 飾 橋   |                  |       |               |                   |       |               |                   |
|--------|---------------------|---------------|------------------|-------|---------------|-------------------|-------|---------------|-------------------|
| 測定項目   | 月・日                 | 7・24          | "                | "     | 8・20          | "                 | "     | 9・18          | "                 |
| 現場測定項目 | 流量( $m^3/s$ )       | 129.40        | 143.65           | 50.31 | 110.96        | 100.46            | 40.93 | 183.63        | 106.20            |
|        | 採取位置                | 流心部           | "                | "     | "             | "                 | "     | "             | "                 |
|        | 天候                  | くもり           | "                | "     | "             | "                 | "     | "             | 雨                 |
|        | 採取時刻(時分)            | 9:50          | 13:40            | 17:55 | 11:00         | 13:00             | 15:00 | 9:40          | 14:10             |
|        | 全水深(m)              | 4.20          | 3.92             | 3.66  | 3.60          | 3.21              | 3.29  | 4.30          | 3.66              |
|        | 採取水深(m)             | 0.84          | 0.78             | 0.73  | 0.72          | 0.64              | 0.66  | 0.86          | 0.73              |
|        | 干潮時刻(時分)            | 15:09         | "                | "     | 0.13<br>12:33 | "                 | "     | 12:06         | "                 |
|        | 満潮時刻(時分)            | 8:00<br>20:20 | "                | "     | 6.16<br>18:43 | "                 | "     | 6:09<br>18:00 | "                 |
|        | 気温(℃)               | 30.0          | 28.0             | 25.0  | 31.7          | 32.7              | 31.0  | 24.0          | 23.0              |
|        | 水温(℃)               | 24.0          | 24.0             | 23.0  | 26.5          | 27.8              | 28.0  | 20.0          | 21.0              |
|        | 水色                  | 淡黄色           | "                | "     | 欠測            | "                 | "     | 淡黄色           | "                 |
|        | 臭気                  | 無臭            | "                | 植物臭   | 欠測            | "                 | "     | 無臭            | "                 |
|        | 透視度(cm)             | 13.0          | 11.5             | 15.0  | 16.5          | 18.0              | 19.0  | 19.0          | 19.0              |
| 健康項目   | 水質                  | 1.74          | 1.32             | 1.20  | 1.45          | 1.06              | 1.14  | 1.84          | 1.20              |
|        | 流向                  | 順流            | "                | "     | "             | "                 | "     | "             | "                 |
|        | シアン( $mg/L$ )       | —             | 0.00             | —     | —             | 0.00              | —     | —             | 0.00              |
|        | アルキル水銀( $mg/L$ )    | —             | —                | —     | —             | —                 | —     | —             | —                 |
|        | 有機機磷( $mg/L$ )      | —             | —                | —     | —             | 0.07              | —     | —             | —                 |
|        | カドミウム( $mg/L$ )     | —             | 0.000            | —     | —             | 0.000             | —     | —             | 0.000             |
|        | 鉛( $mg/L$ )         | —             | 0.09             | —     | —             | 0.02              | —     | —             | 0.02              |
|        | クロム(6価)( $mg/L$ )   | —             | 0.00             | —     | —             | 0.00              | —     | —             | 0.00              |
|        | 砒素( $mg/L$ )        | —             | 0.00             | —     | —             | 0.00              | —     | —             | 0.00              |
|        | 総水銀( $mg/L$ )       | —             | 0.000            | —     | —             | 0.000             | —     | —             | 0.000             |
| 生活環境項目 | PH                  | 7.2           | 7.2              | 7.2   | 7.2           | 7.3               | 7.1   | 7.2           | 7.2               |
|        | D O ( $mg/L$ )      | 7.8           | 7.3              | 7.5   | 7.0           | 7.1               | 7.3   | 8.2           | 8.0               |
|        | B O D ( $mg/L$ )    | 1.2           | 1.9              | 1.8   | 1.3           | 2.2               | 1.3   | 1.1           | 1.4               |
|        | C O D ( $mg/L$ )    | 6.1           | 5.0              | 4.7   | 4.2           | 7.3               | 3.8   | 1.2           | 1.1               |
|        | S S ( $mg/L$ )      | 8.7           | 6.6              | 5.8   | 3.7           | 11.3              | 1.5   | 2.7           | 3.8               |
|        | 大腸菌群数(MPN/100mL)    | —             | $13 \times 10^5$ | —     | —             | $7.9 \times 10^4$ | —     | —             | $3.5 \times 10^5$ |
| 一般項目   | フェノール類( $mg/L$ )    | —             | 0.006            | —     | —             | 0.006             | —     | —             | 0.003             |
|        | 銅( $mg/L$ )         | —             | 0.01             | —     | —             | 0.02              | —     | —             | 0.01              |
|        | 亜鉛( $mg/L$ )        | —             | 0.02             | —     | —             | 0.04              | —     | —             | 0.02              |
|        | 溶解性鉄( $mg/L$ )      | —             | 0.00             | —     | —             | 0.00              | —     | —             | 0.00              |
|        | 溶解性マンガン( $mg/L$ )   | —             | 0.00             | —     | —             | 0.00              | —     | —             | 0.13              |
|        | クロム( $mg/L$ )       | —             | 0.16             | —     | —             | 0.00              | —     | —             | 0.00              |
|        | 弗素( $mg/L$ )        | —             | 0.16             | —     | —             | 0.20              | —     | —             | 0.07              |
|        | 塩素イオン( $mg/L$ )     | 18.0          | 18.0             | 19.6  | 18.0          | 18.0              | 17.5  | 20.6          | 22.7              |
|        | 全窒素( $mg/L$ )       | —             | 2.50             | —     | —             | 2.29              | —     | —             | 2.44              |
|        | アンモニア性窒素( $mg/L$ )  | —             | 0.08             | —     | —             | 0.00              | —     | —             | 0.07              |
|        | 硝酸性窒素( $mg/L$ )     | —             | 1.80             | —     | —             | 1.48              | —     | —             | 1.80              |
|        | リン酸イオン( $mg/L$ )    | —             | 0.11             | —     | —             | 0.01              | —     | —             | 0.01              |
|        | 総硬度( $mg/L$ )       | —             | 62.3             | —     | —             | 63.7              | —     | —             | 68.5              |
|        | 導電率( $\mu S/cm$ )   | 210.5         | 217.5            | 215.5 | 213.0         | 214.5             | 213.5 | 221.5         | 225.5             |
|        | A. B. S. ( $mg/L$ ) | —             | 0.00             | —     | —             | 0.00              | —     | —             | 0.48              |

| (4) 新 葛 飾 橋 |               |                   |       |               |                   |       |               |                   |       | (5) 市川橋       |
|-------------|---------------|-------------------|-------|---------------|-------------------|-------|---------------|-------------------|-------|---------------|
| "           | 10・17         | "                 | "     | 11・27         | "                 | "     | 12・11         | "                 | "     | 1・21          |
| 0.00        | 143.58        | 30.93             | 32.05 | 62.28         | 235.3             | 32.68 | 199.4         | 13.48             | 20.87 | —             |
| "           | "             | "                 | "     | "             | "                 | "     | "             | "                 | "     | "             |
| くもり         | 晴             | くもり               | 晴     | "             | "                 | "     | くもり           | "                 | "     | "             |
| 17:40       | 10:20         | 14:30             | 17:45 | 11:30         | 15:30             | 17:30 | 11:00         | 13:00             | 15:00 | 9:35          |
| 4.48        | 3.95          | 3.61              | 3.85  | 3.50          | 3.95              | 3.90  | 2.90          | 2.97              | 3.07  | 4.46          |
| 0.90        | 0.79          | 0.72              | 0.77  | 0.70          | 0.79              | 0.78  | 0.58          | 0.59              | 0.61  | 0.89          |
| "           | 11.42         | "                 | "     | 9.10<br>21.44 | "                 | "     | 9.00<br>21.41 | "                 | "     | 9.56<br>22.23 |
| "           | 6.03<br>17.17 | "                 | "     | 3.37<br>14.56 | "                 | "     | 3.57<br>14.26 | "                 | "     | 4.57<br>15.15 |
| 21.0        | 21.0          | 21.0              | 17.0  | 16.0          | 12.0              | 11.5  | 9.8           | 9.2               | 8.5   | 3.0           |
| 20.0        | 18.5          | 18.0              | 17.0  | 10.0          | 8.0               | 9.5   | 7.5           | 8.0               | 8.5   | 3.2           |
| 無色          | 淡黄色           | 無色                | 淡黄色   | 無色            | "                 | "     | "             | "                 | "     | "             |
| "           | 土臭            | 無臭                | 土臭    | 無臭            | "                 | "     | "             | "                 | "     | "             |
| —           | 22.0          | 27.0              | —     | 22.0          | 20.0              | —     | 25.0          | 24.5              | 21.0  | 20.5          |
| 2.02        | 1.49          | 1.15              | 1.39  | 0.98          | 1.36              | 1.39  | 1.35          | 1.42              | 1.52  | 1.54          |
| 流速なし        | 順流            | "                 | "     | "             | "                 | "     | "             | "                 | "     | "             |
| —           | —             | 0.00              | —     | —             | 0.00              | —     | —             | 0.00              | —     | —             |
| —           | —             | —                 | —     | —             | —                 | —     | —             | —                 | —     | —             |
| —           | —             | 0.00              | —     | —             | —                 | —     | —             | 0.00              | —     | —             |
| —           | —             | 0.00              | —     | —             | 0.000             | —     | —             | 0.000             | —     | —             |
| —           | —             | 0.01              | —     | —             | 0.03              | —     | —             | 0.06              | —     | —             |
| —           | —             | 0.00              | —     | —             | 0.00              | —     | —             | 0.00              | —     | —             |
| —           | —             | 0.00              | —     | —             | 0.01              | —     | —             | 0.00              | —     | —             |
| —           | —             | 0.00              | —     | —             | 0.000             | —     | —             | 0.000             | —     | —             |
| 7.1         | 7.2           | 7.2               | 7.2   | 7.1           | 7.1               | 7.1   | 6.8           | 6.8               | 6.9   | 6.6           |
| 8.0         | 9.6           | 9.7               | 9.6   | 1.2           | 10.9              | 11.3  | 10.9          | 11.0              | 10.8  | 11.9          |
| 0.8         | 1.2           | 1.1               | 1.3   | 1.1           | 1.9               | 1.4   | 1.8           | 1.8               | 1.9   | 4.8           |
| 0.7         | 2.8           | 2.2               | 2.5   | 4.2           | 4.8               | 3.8   | 3.9           | 3.8               | 4.0   | 8.1           |
| 1.0         | 1.2           | 8                 | 9     | 1.0           | 11                | 8     | 1.0           | 4                 | 7     | 7             |
| —           | —             | $2.4 \times 10^4$ | —     | —             | $4.6 \times 10^4$ | —     | —             | $2.2 \times 10^4$ | —     | —             |
| —           | —             | 0.008             | —     | —             | 0.004             | —     | —             | 0.012             | —     | —             |
| —           | —             | 0.02              | —     | —             | 0.01              | —     | —             | 0.02              | —     | —             |
| —           | —             | 0.00              | —     | —             | 0.02              | —     | —             | 0.04              | —     | —             |
| —           | —             | 0.00              | —     | —             | 0.03              | —     | —             | 0.06              | —     | —             |
| —           | —             | 0.00              | —     | —             | 0.00              | —     | —             | 0.02              | —     | —             |
| —           | —             | 0.00              | —     | —             | 0.00              | —     | —             | 0.00              | —     | —             |
| —           | —             | 0.08              | —     | —             | 0.23              | —     | —             | 0.21              | —     | —             |
| 20.6        | 27.3          | 25.8              | 25.8  | 25.8          | 24.7              | 23.2  | 20.6          | 21.7              | 23.7  | 32.5          |
| —           | —             | 2.98              | —     | —             | 2.30              | —     | —             | 0.90              | —     | —             |
| —           | —             | 0.07              | —     | —             | 0.23              | —     | —             | 0.25              | —     | —             |
| —           | —             | 1.76              | —     | —             | 1.80              | —     | —             | 1.40              | —     | —             |
| —           | —             | 0.03              | —     | —             | 0.07              | —     | —             | 0.06              | —     | —             |
| —           | —             | 6.75              | —     | —             | 8.59              | —     | —             | 8.83              | —     | —             |
| 213.0       | 261.0         | 257.0             | 278.5 | 239.5         | 246.0             | 238.0 | 265.0         | 254.5             | 259.0 | —             |
| —           | —             | 0.39              | —     | —             | 0.29              | —     | —             | 0.10              | —     | —             |

| 調査地点   |                    | (5) 市 川 橋         |       |                   |       |                   |       |                   |       |
|--------|--------------------|-------------------|-------|-------------------|-------|-------------------|-------|-------------------|-------|
| 測定項目   | 月・日                | 1・21              | 2・18  | "                 | 3・25  | "                 | 4・22  | "                 | 5・27  |
| 現場測定項目 | 流量( $m^3/s$ )      | —                 | —     | —                 | —     | —                 | —     | —                 | —     |
|        | 採取位置               | 流心部               | "     | "                 | "     | "                 | "     | "                 | "     |
|        | 天候                 | 雪                 | 晴     | "                 | くもり   | 晴                 | くもり   | "                 | 晴     |
|        | 採取時刻(時:分)          | 13:15             | 9:45  | 13:10             | 9:35  | 13:30             | 10:05 | 13:40             | 9:40  |
|        | 全水深(m)             | 4.28              | 4.20  | 4.23              | 4.50  | 4.20              | 3.40  | 3.30              | 4.60  |
|        | 採取水深(m)            | 0.86              | 0.84  | 0.85              | 0.90  | 0.84              | 0.68  | 0.66              | 0.92  |
|        | 干潮時刻(時:分)          | 9:56              | 9:01  | "                 | 11:53 | "                 | 10:57 | "                 | 2:33  |
|        | 満潮時刻(時:分)          | 22:23             | 21:32 | "                 | "     | "                 | 23:13 | "                 | 15:00 |
|        | 満潮時刻(時:分)          | 4:57              | 4:10  | "                 | 5:41  | "                 | 4:33  | "                 | 7:57  |
|        | 満潮時刻(時:分)          | 15:15             | 14:14 | "                 | 18:05 | "                 | 17:21 | "                 | 21:50 |
|        | 気温(℃)              | 4.0               | 11.3  | 14.5              | 6.8   | 12.0              | 16.2  | 17.5              | 23.2  |
|        | 水温(℃)              | 3.0               | 7.0   | 7.5               | 8.5   | 9.5               | 14.0  | 14.8              | 21.0  |
|        | 水色                 | 無色                | "     | "                 | "     | "                 | 淡黄色   | "                 | 無色    |
| 健康項目   | 臭気                 | 無臭                | "     | "                 | "     | "                 | "     | "                 | "     |
|        | 透視度(cm)            | 18.0              | 28.0  | 24.0              | 11.0  | 19.0              | 13.0  | 9.0               | 21.0  |
|        | 水質                 | 1.36              | 1.27  | 1.30              | 1.55  | 1.28              | 0.45  | 0.34              | 1.67  |
|        | 流向                 | 順流                | "     | 流速なし              | 順流    | 流速なし              | 順流    | 流速なし              | 順流    |
|        | シアン( $mg/L$ )      | 0.00              | —     | 0.00              | —     | 0.00              | —     | 0.00              | —     |
|        | アルキル水銀( $mg/L$ )   | —                 | —     | —                 | —     | —                 | —     | —                 | —     |
|        | 有機機燐( $mg/L$ )     | 0.00              | —     | —                 | —     | —                 | —     | —                 | —     |
|        | カドミウム( $mg/L$ )    | 0.000             | —     | 0.000             | —     | 0.000             | —     | 0.000             | —     |
|        | 鉛( $mg/L$ )        | 0.00              | —     | 0.07              | —     | 0.00              | —     | 0.03              | —     |
|        | クロム(6価)( $mg/L$ )  | —                 | —     | —                 | —     | —                 | —     | 0.00              | —     |
|        | 砒素( $mg/L$ )       | 0.00              | —     | —                 | —     | —                 | —     | —                 | —     |
|        | 総水銀( $mg/L$ )      | 0.000             | —     | 0.000             | —     | 0.000             | —     | 0.000             | —     |
|        | PH                 | 6.4               | 6.8   | 6.7               | 7.0   | 7.1               | 7.0   | 6.8               | 7.0   |
| 生活環境項目 | D O ( $mg/L$ )     | 11.7              | 10.3  | 10.1              | 8.7   | 8.3               | 8.9   | 8.5               | 7.9   |
|        | B O D ( $mg/L$ )   | 5.8               | 2.8   | 2.5               | 4.9   | 6.0               | 2.7   | 2.4               | 2.9   |
|        | C O D ( $mg/L$ )   | 8.7               | 5.0   | 4.6               | 6.8   | 7.4               | 8.2   | 5.1               | 4.6   |
|        | S ( $mg/L$ )       | 1.3               | 1.3   | 5                 | 7     | 8                 | 11.7  | 2.7               | 1.1   |
|        | 大腸菌群数(MPN/100mL)   | $2.4 \times 10^5$ | —     | $1.3 \times 10^4$ | —     | $3.5 \times 10^5$ | —     | $5.4 \times 10^5$ | —     |
|        | フェノール類( $mg/L$ )   | —                 | —     | —                 | —     | —                 | —     | 0.005             | —     |
| 一般項目   | 銅( $mg/L$ )        | 0.01              | —     | 0.01              | —     | 0.00              | —     | 0.02              | —     |
|        | 亜鉛( $mg/L$ )       | 0.04              | —     | 0.04              | —     | 0.03              | —     | 0.04              | —     |
|        | 溶解性鉄( $mg/L$ )     | —                 | —     | —                 | —     | —                 | —     | 0.00              | —     |
|        | 溶解性マンガン( $mg/L$ )  | —                 | —     | —                 | —     | —                 | —     | 0.00              | —     |
|        | クロム( $mg/L$ )      | —                 | —     | —                 | —     | —                 | —     | 0.00              | —     |
|        | 弗素( $mg/L$ )       | —                 | —     | —                 | —     | —                 | —     | —                 | —     |
|        | 塩素イオン( $mg/L$ )    | 33.5              | 13.4  | 12.4              | 30.9  | 32.4              | 22.2  | 26.8              | 15.5  |
|        | 全窒素( $mg/L$ )      | —                 | —     | —                 | —     | —                 | —     | —                 | —     |
|        | アンモニア性窒素( $mg/L$ ) | 0.50              | —     | 0.36              | —     | 1.30              | —     | 0.22              | —     |
|        | 硝酸性窒素( $mg/L$ )    | 1.36              | —     | 1.08              | —     | 1.16              | —     | 0.68              | —     |
|        | リン酸イオン( $mg/L$ )   | —                 | —     | —                 | —     | —                 | —     | 0.06              | —     |
|        | 総硬度( $mg/L$ )      | 7.57              | —     | 7.00              | —     | 7.3.2             | —     | 4.63              | —     |
|        | 導電率( $\mu S/cm$ )  | 277.0             | —     | 251.0             | —     | 319.0             | 149.5 | 164.5             | 183.5 |
|        | A. B. S( $mg/L$ )  | —                 | —     | —                 | —     | —                 | —     | 0.28              | —     |

| (5) 市 川 橋         |       |                   |      |                   |       |                   |       |                   |       |
|-------------------|-------|-------------------|------|-------------------|-------|-------------------|-------|-------------------|-------|
| "                 | 6・20  | "                 | 7・24 | "                 | 8・21  | 8・20              | 9・18  | "                 | 10・17 |
| —                 | —     | —                 | —    | —                 | —     | —                 | —     | —                 | —     |
| "                 | "     | "                 | 流心部  | "                 | "     | "                 | "     | "                 | "     |
| "                 | くもり   | 晴                 | くもり  | "                 | 晴     | くもり               | "     | "                 | "     |
| 13:25             | 10:10 | 13:55             | 欠測   | 15:25             | 9:25  | 13:25             | 10:05 | 13:25             | 9:50  |
| 4.27              | 3.40  | 3.38              |      | 3.36              | 4.26  | 38.0              | 4.30  | 3.58              | 4.16  |
| 0.85              | 0.68  | 0.68              |      | 0.67              | 0.85  | 0.76              | 0.86  | 0.72              | 0.83  |
| "                 | 11.01 | "                 |      | 1.59              | 0.52  | 0.13              | "     | "                 | "     |
| "                 | 23.24 | "                 |      | 14.09             | 13.06 | 12.33             | 12.06 | "                 | 11.42 |
| "                 | 4.02  | "                 |      | 8.00              | 7.02  | 6.16              | 6.09  | "                 | 6.03  |
| "                 | 17.59 | "                 |      | 20.20             | 19.08 | 18.43             | 18.00 | "                 | 17.17 |
| 24.3              | 25.0  | 26.0              |      | 26.0              | 26.5  | 33.0              | 22.8  | 26.2              | 19.8  |
| 22.0              | 20.8  | 21.0              |      | 24.0              | 28.2  | 28.0              | 22.0  | 21.5              | 18.0  |
| "                 | 淡黄色   | "                 |      | 淡黄色               | 欠測    | "                 | 淡黄色   | "                 | 無色    |
| "                 | "     | 植物臭               |      | 植物臭               | 欠測    | "                 | 無臭    | "                 | "     |
| 20.5              | 6.0   | 13.0              |      | 11.0              | 23.0  | 19.0              | 10.0  | 10.0              | 23.0  |
| 1.30              | 0.50  | 0.48              |      | 0.46              | 1.34  | 0.88              | 1.34  | 0.62              | 1.20  |
| "                 | "     | "                 |      | 順流                | 流速なし  | 順流                | 流速なし  | 順流                | "     |
| 0.00              | —     | 0.00              |      | 0.00              | —     | 0.00              | —     | 0.00              | —     |
| —                 | —     | —                 |      | —                 | —     | —                 | —     | —                 | —     |
| —                 | —     | —                 |      | —                 | —     | —                 | —     | —                 | —     |
| 0.000             | —     | 0.000             |      | 0.000             | —     | 0.000             | —     | 0.000             | —     |
| 0.00              | —     | 0.02              |      | 0.05              | —     | 0.00              | —     | 0.00              | —     |
| 0.00              | —     | 0.00              |      | 0.00              | —     | 0.00              | —     | 0.00              | —     |
| 0.00              | —     | 0.00              |      | 0.00              | —     | 0.00              | —     | 0.00              | —     |
| 0.000             | —     | 0.000             |      | 0.010             | —     | 0.000             | —     | 0.000             | —     |
| 7.1               | 6.8   | 6.9               |      | 7.2               | 7.1   | 7.1               | 7.1   | 7.0               | 7.2   |
| 6.8               | 7.0   | 7.0               |      | 7.4               | 6.5   | 6.9               | 7.8   | 8.1               | 9.3   |
| 6.0               | 2.8   | 1.6               |      | 1.5               | 1.4   | 2.0               | 1.1   | 1.6               | 1.8   |
| 6.4               | 8.4   | 4.2               |      | 7.5               | 4.3   | 4.5               | 2.2   | 2.4               | 3.2   |
| 9                 | 11.8  | 1.3               |      | 11.7              | 1.3   | 18                | 4.9   | 6.1               | 5     |
| $5.4 \times 10^5$ | —     | $4.9 \times 10^4$ |      | $4.9 \times 10^4$ | —     | $2.4 \times 10^5$ | —     | $1.7 \times 10^5$ | —     |
| 0.003             | —     | 0.005             |      | 0.005             | —     | 0.006             | —     | 0.005             | —     |
| 0.00              | —     | 0.01              |      | 0.03              | —     | 0.00              | —     | 0.01              | —     |
| 0.01              | —     | 0.03              |      | 0.03              | —     | 0.01              | —     | 0.02              | —     |
| 0.03              | —     | 0.00              |      | 0.00              | —     | 0.00              | —     | 0.06              | —     |
| 0.00              | —     | 0.00              |      | 0.00              | —     | 0.00              | —     | 0.00              | —     |
| 0.00              | —     | 0.00              |      | 0.00              | —     | 0.00              | —     | 0.00              | —     |
| —                 | —     | —                 |      | —                 | —     | —                 | —     | —                 | —     |
| 19.1              | 15.5  | 15.5              |      | 21.7              | 20.6  | 20.1              | 20.6  | 18.6              | 30.9  |
| —                 | —     | —                 |      | —                 | —     | —                 | —     | —                 | —     |
| 0.26              | —     | 0.09              |      | 0.09              | —     | 0.15              | —     | 0.08              | —     |
| 0.84              | —     | 13.6              |      | 18.0              | —     | 1.48              | —     | 1.72              | —     |
| 0.94              | —     | 0.03              |      | 0.04              | —     | 0.01              | —     | 0.01              | —     |
| 45.8              | —     | 55.7              |      | 61.4              | —     | 65.2              | —     | 69.4              | —     |
| 23.60             | 183.0 | 200.5             |      | 217.0             | 223.5 | 224.0             | 213.5 | 220.5             | 271.5 |
| 0.44              | —     | 0.40              |      | 0.03              | —     | 0.00              | —     | 0.48              | —     |

| 調査地点   |                  | (5) 市 川 橋     |                     |               |                     | (6) 江戸川水門(上)  |                     |     |               |
|--------|------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|-----|---------------|
| 測定項目   | 月・日              | 11・27         | "                   | 12・12         | 12・11               | 1・21          | "                   | "   | 2・18          |
| 現場測定項目 | 流量 (m³/s)        | —             | —                   | —             | —                   | 0.00          | 0.00                | 欠 測 | 0.00          |
|        | 採取位置             | 流心部           | "                   | "             | "                   | "             | "                   | "   | "             |
|        | 天候               | 晴             | "                   | "             | くもり                 | "             | "                   | "   | くもり           |
|        | 採取時刻(時:分)        | 10:40         | 15:00               | 9:50          | 13:50               | 8:10          | 10:00               | "   | 8:15          |
|        | 全水深 (m)          | 4.00          | 4.12                | 4.05          | 4.20                | 4.15          | 4.05                | "   | 3.90          |
|        | 採取水深 (m)         | 0.80          | 0.82                | 0.81          | 0.84                | 0.83          | 0.81                | "   | 0.78          |
|        | 干潮時刻(時:分)        | 9:10<br>21:44 | "                   | 9:49<br>22:18 | 9:00<br>21:41       | 9:56<br>22:23 | "                   | "   | 9:01<br>21:32 |
|        | 満潮時刻(時:分)        | 3:37<br>14:56 | "                   | 4:42<br>15:08 | 3:57<br>14:26       | 4:57<br>15:15 | "                   | "   | 4:10<br>14:14 |
|        | 気温 (℃)           | 13.5          | 15.5                | 6.5           | 11.0                | 1.0           | 3.0                 | "   | 7.5           |
|        | 水温 (℃)           | 9.6           | 10.8                | 6.0           | 6.5                 | 4.0           | 3.0                 | "   | 5.2           |
|        | 色相               | 無 色           | "                   | "             | "                   | 無 色           | "                   | "   | 無 色           |
|        | 臭気               | 腐敗臭           | "                   | 無 臭           | "                   | 土 臭           | 無 臭                 | "   | 無 臭           |
|        | 透視度 (cm)         | 15.0          | 20.0                | 20.0          | 18.0                | 12.0          | 18.0                | "   | 19.0          |
|        | 水位               | 1.05          | 1.17                | 1.20          | 1.35                | 2.10          | 2.00                | "   | 1.92          |
|        | 流向               | 順 流           | 流速なし                | 順 流           | 流速なし                | 流速なし          | "                   | "   | 流速なし          |
| 健康項目   | シアン (mg/L)       | —             | 0.00                | —             | 0.00                | —             | 0.00                | "   | —             |
|        | アルキル水銀 (mg/L)    | —             | —                   | —             | —                   | —             | —                   | "   | —             |
|        | 有機磷 (mg/L)       | —             | —                   | —             | —                   | —             | 0.00                | "   | —             |
|        | カドミウム (mg/L)     | —             | 0.000               | —             | 0.000               | —             | 0.000               | "   | —             |
|        | 鉛 (mg/L)         | —             | 0.02                | —             | 0.06                | —             | 0.00                | "   | —             |
|        | クロム(6価) (mg/L)   | —             | 0.00                | —             | 0.00                | —             | 0.00                | "   | —             |
|        | 砒素 (mg/L)        | —             | 0.00                | —             | 0.00                | —             | 0.00                | "   | —             |
|        | 総水銀 (mg/L)       | —             | 0.000               | —             | 0.000               | —             | 0.000               | "   | —             |
| 生活環境項目 | P H              | 7.1           | 7.1                 | 6.9           | 6.9                 | 6.6           | 6.4                 | "   | 6.7           |
|        | D O (mg/L)       | 10.8          | 10.0                | 11.1          | 10.6                | 10.8          | 10.9                | "   | 9.8           |
|        | B O D (mg/L)     | 2.1           | 3.6                 | 2.8           | 2.7                 | 3.3           | 3.9                 | "   | 3.5           |
|        | C O D (mg/L)     | 4.6           | 6.6                 | 3.8           | 4.9                 | 6.0           | 7.1                 | "   | 5.1           |
|        | S S (mg/L)       | 14            | 16                  | 25            | 5                   | 4             | 14                  | "   | 10            |
|        | 大腸菌群数(MPN/100mL) | —             | 5.4×10 <sup>5</sup> | —             | 2.4×10 <sup>4</sup> | —             | 7.9×10 <sup>4</sup> | "   | —             |
| 一般項目   | フェノール類 (mg/L)    | —             | 0.003               | —             | 0.010               | —             | 0.006               | "   | —             |
|        | 銅 (mg/L)         | —             | 0.05                | —             | 0.02                | —             | 0.01                | "   | —             |
|        | 亜鉛 (mg/L)        | —             | 0.03                | —             | 0.02                | —             | 0.04                | "   | —             |
|        | 溶解性鉄 (mg/L)      | —             | 0.03                | —             | 0.03                | —             | 0.00                | "   | —             |
|        | 溶解性マンガン (mg/L)   | —             | 0.02                | —             | 0.00                | —             | 0.00                | "   | —             |
|        | クロム (mg/L)       | —             | 0.00                | —             | 0.00                | —             | 0.41                | "   | —             |
|        | 弗素 (mg/L)        | —             | —                   | —             | —                   | —             | 0.00                | "   | —             |
|        | 塩素イオン (mg/L)     | 24.7          | 28.9                | 25.8          | 25.8                | 41.2          | 42.2                | "   | 155.0         |
|        | 全窒素 (mg/L)       | —             | —                   | —             | —                   | —             | —                   | "   | —             |
|        | アンモニア性窒素 (mg/L)  | —             | 1.10                | —             | 0.76                | —             | 0.72                | "   | —             |
|        | 硝酸性窒素 (mg/L)     | —             | 1.80                | —             | 1.12                | —             | 1.36                | "   | —             |
|        | リン酸イオン (mg/L)    | —             | 0.34                | —             | 0.15                | —             | 0.22                | "   | —             |
|        | 総硬度 (mg/L)       | —             | 92.1                | —             | 92.5                | —             | 82.4                | "   | —             |
|        | 導電率 (μS/cm)      | 265.5         | 289.0               | 281.0         | 285.0               | —             | 321.0               | "   | —             |
|        | A. B. S. (mg/L)  | —             | 0.86                | —             | 0.58                | —             | —                   | "   | —             |

| (6) 江戸川水門(上)        |       |               |                     |       |                |                     |        |               |                     |       |
|---------------------|-------|---------------|---------------------|-------|----------------|---------------------|--------|---------------|---------------------|-------|
| "                   | "     | 3・25          | "                   | "     | 4・22           | "                   | "      | 5・27          | "                   | "     |
| 0.00                | 0.00  | 0.00          | 0.00                | 0.00  | 286.60         | 183.25              | 187.44 | 0.00          | 0.00                | 0.00  |
| "                   | "     | "             | "                   | "     | "              | "                   | "      | "             | "                   | "     |
| 晴                   | "     | くもり           | "                   | 晴     | くもり            | "                   | "      | 晴             | "                   | "     |
| 10:28               | 16:03 | 8:20          | 10:26               | 15:28 | 8:40           | 10:50               | 15:35  | 8:15          | 10:30               | 16:10 |
| 3.76                | 3.85  | 4.10          | 3.93                | 3.80  | 3.45           | 2.72                | 3.67   | 4.60          | 4.51                | 3.78  |
| 0.75                | 0.77  | 0.82          | 0.79                | 0.76  | 0.69           | 0.54                | 0.73   | 0.92          | 0.90                | 0.76  |
| "                   | "     | 11.53         | "                   | "     | 10.57<br>23.13 | "                   | "      | 2.33<br>15.00 | "                   | "     |
| "                   | "     | 5.41<br>18.05 | "                   | "     | 4.33<br>17.21  | "                   | "      | 7.57<br>21.50 | "                   | "     |
| 10.6                | 14.0  | 6.5           | 9.2                 | 10.2  | 14.0           | 16.0                | 18.0   | 23.0          | 27.6                | 27.3  |
| 6.2                 | 7.2   | 8.5           | 8.8                 | 9.2   | 14.0           | 14.2                | 14.5   | 20.8          | 22.0                | 22.0  |
| "                   | "     | "             | "                   | "     | 淡黄色            | "                   | "      | 無 色           | "                   | "     |
| "                   | "     | "             | "                   | "     | 土 臭            | 植物臭                 | "      | 無 臭           | "                   | "     |
| 27.0                | 22.0  | 20.0          | 13.0                | 13.0  | 6.0            | 8.0                 | 9.0    | 20.0          | 19.0                | 19.0  |
| 1.78                | 1.87  | 2.12          | 1.95                | 1.82  | 1.40           | 0.73                | 1.68   | 2.20          | 2.11                | 1.38  |
| "                   | "     | "             | "                   | "     | 順 流            | "                   | "      | 流速なし          | "                   | "     |
| 0.00                | —     | —             | 0.00                | —     | —              | 0.00                | —      | —             | 0.00                | —     |
| —                   | —     | —             | —                   | —     | —              | —                   | —      | —             | —                   | —     |
| —                   | —     | —             | —                   | —     | —              | —                   | —      | —             | —                   | —     |
| 0.000               | —     | —             | 0.000               | —     | —              | 0.000               | —      | —             | 0.000               | —     |
| 0.00                | —     | —             | 0.00                | —     | —              | 0.04                | —      | —             | 0.00                | —     |
| 0.00                | —     | —             | 0.00                | —     | —              | 0.00                | —      | —             | 0.00                | —     |
| —                   | —     | —             | —                   | —     | —              | —                   | —      | —             | 0.00                | —     |
| 0.000               | —     | —             | 0.000               | —     | —              | 0.000               | —      | —             | 0.000               | —     |
| 6.8                 | 7.0   | 7.1           | 7.0                 | 7.1   | 7.0            | 6.7                 | 6.9    | 7.2           | 7.0                 | 7.1   |
| 10.3                | 10.9  | 9.1           | 9.4                 | 8.9   | 8.5            | 8.3                 | 8.3    | 8.0           | 8.7                 | 7.9   |
| 3.8                 | 4.0   | 3.8           | 3.0                 | 3.7   | 3.9            | 4.6                 | 4.3    | 3.5           | 4.5                 | 3.0   |
| 5.3                 | 4.6   | 6.7           | 5.8                 | 6.3   | 8.8            | 8.3                 | 6.2    | 5.2           | 5.9                 | 4.9   |
| 7                   | 7     | 10            | 9                   | 11    | 9.5            | 6.0                 | 4.2    | 10            | 18                  | 22    |
| 1.1×10 <sup>5</sup> | —     | —             | 3.3×10 <sup>4</sup> | —     | —              | 4.9×10 <sup>4</sup> | —      | —             | 1.4×10 <sup>4</sup> | —     |
| 0.005               | —     | —             | 0.004               | —     | —              | 0.004               | —      | —             | 0.004               | —     |
| 0.00                | —     | —             | 0.00                | —     | —              | 0.01                | —      | —             | 0.00                | —     |
| 0.05                | —     | —             | 0.04                | —     | —              | 0.05                | —      | —             | 0.02                | —     |
| 0.00                | —     | —             | 0.00                | —     | —              | 0.00                | —      | —             | 0.00                | —     |
| 0.00                | —     | —             | 0.00                | —     | —              | 0.00                | —      | —             | 0.00                | —     |
| 0.00                | —     | —             | 0.00                | —     | —              | 0.00                | —      | —             | 0.00                | —     |
| —                   | —     | —             | —                   | —     | —              | —                   | —      | —             | 0.15                | —     |
| 30.9                | 51.6  | 89.1          | 82.4                | 61.9  | 37.6           | 172.0               | 62.9   | 144.0         | 33.5                | 18.0  |
| —                   | —     | —             | —                   | —     | —              | —                   | —      | —             | 2.26                | —     |
| 0.50                | —     | —             | 0.58                | —     | —              | 0.26                | —      | —             | 0.26                | —     |
| 1.04                | —     | —             | 1.28                | —     | —              | 0.72                | —      | —             | 0.84                | —     |
| 0.14                | —     | —             | 0.16                | —     | —              | 0.00                | —      | —             | 0.05                | —     |
| 59.6                | —     | —             | 84.0                | —     | —              | 88.8                | —      | —             | 47.2                | —     |
| 373.0               | —     | —             | 475.0               | —     | 205.5          | 709.0               | 301.5  | 668.5         | 247.0               | 182.5 |
| —                   | —     | —             | —                   | —     | —              | 0.36                | —      | —             | 0.32                | —     |

| 調査地点   |                        | (6) 江戸川水門 (上)  |                     |        |               |                     |       |               |                     |
|--------|------------------------|----------------|---------------------|--------|---------------|---------------------|-------|---------------|---------------------|
| 測定項目   | 月・日                    | 6・20           | "                   | "      | 7・24          | "                   | "     | 8・20          | "                   |
| 現場測定項目 | 流量 (m <sup>3</sup> /s) | 289.17         | 220.59              | 135.53 | 97.98         | 85.71               | 42.37 | 204.34        | 0.00                |
|        | 採取位置                   | 流心部            | "                   | "      | "             | "                   | "     | "             | "                   |
|        | 天候                     | くもり            | "                   | "      | "             | "                   | "     | "             | 晴                   |
|        | 採取時刻 (時:分)             | 8:30           | 10:55               | 16:55  | 8:30          | 15:50               | 17:35 | 11:00         | 13:00               |
|        | 全水深 (m)                | 3.40           | 2.71                | 4.11   | 4.10          | 3.00                | 3.48  | 3.35          | 3.04                |
|        | 採取水深 (m)               | 0.68           | 0.54                | 0.82   | 0.82          | 0.60                | 0.70  | 0.67          | 0.61                |
|        | 干潮時刻 (時:分)             | 11:01<br>23:24 | "                   | "      | 1:59<br>14:09 | "                   | "     | 0:13<br>12:33 | "                   |
|        | 満潮時刻 (時:分)             | 17:55<br>17:55 | "                   | "      | 8:00<br>20:20 | "                   | "     | 6:16<br>18:43 | "                   |
|        | 気温 (°C)                | 22.0           | 25.6                | 24.5   | 27.2          | 27.8                | 26.0  | 27.9          | 31.0                |
|        | 水温 (°C)                | 21.5           | 21.0                | 22.0   | 23.0          | 24.3                | 23.2  | 26.5          | 27.0                |
|        | 水色                     | 淡黄色            | "                   | "      | 無色            | 淡黄色                 | "     | 欠測            | "                   |
|        | 臭気                     | 植物臭            | "                   | 無臭     | "             | 植物臭                 | "     | 欠測            | "                   |
|        | 透視度 (cm)               | 11.0           | 7.0                 | 19.0   | 17.0          | 15.0                | 13.0  | 23.0          | 18.0                |
|        | 水位                     | 1.41           | 0.72                | 2.12   | 2.10          | 1.00                | 1.48  | 1.55          | 1.24                |
|        | 流向                     | 順流             | "                   | 逆流     | 順流            | "                   | 逆流    | 順流            | 流速なし                |
| 健康項目   | シアン (mg/L)             | —              | 0.00                | —      | —             | 0.00                | —     | —             | 0.00                |
|        | アルキル水銀 (mg/L)          | —              | —                   | —      | —             | —                   | —     | —             | —                   |
|        | 有機機磷 (mg/L)            | —              | —                   | —      | —             | —                   | —     | —             | 0.00                |
|        | カドミウム (mg/L)           | —              | 0.000               | —      | —             | 0.000               | —     | —             | 0.000               |
|        | 鉛 (mg/L)               | —              | 0.01                | —      | —             | 0.07                | —     | —             | 0.01                |
|        | クロム (6価) (mg/L)        | —              | 0.00                | —      | —             | 0.00                | —     | —             | 0.00                |
|        | 砒素 (mg/L)              | —              | 0.00                | —      | —             | 0.00                | —     | —             | 0.00                |
| 生活環境項目 | 総水銀 (mg/L)             | —              | 0.000               | —      | —             | 0.000               | —     | —             | 0.000               |
|        | PH                     | 6.9            | 6.9                 | 7.0    | 7.2           | 7.3                 | 7.3   | 7.3           | 7.2                 |
|        | D O (mg/L)             | 6.5            | 6.4                 | 6.3    | 6.8           | 7.2                 | 6.9   | 6.9           | 6.4                 |
|        | B O D (mg/L)           | 3.0            | 3.7                 | 1.9    | 1.3           | 1.9                 | 1.4   | 1.4           | 1.9                 |
|        | C O D (mg/L)           | 6.1            | 5.9                 | 3.9    | 2.9           | 5.4                 | 3.0   | 3.2           | 4.1                 |
|        | S S (mg/L)             | 6.3            | 6.2                 | 2.5    | 2.7           | 7.1                 | 2.3   | 1.9           | 3.6                 |
| 一般項目   | 大腸菌群数 (MPN/100 mL)     | —              | 1.3×10 <sup>5</sup> | —      | —             | 4.9×10 <sup>4</sup> | —     | —             | 1.1×10 <sup>5</sup> |
|        | フェノール類 (mg/L)          | —              | 0.005               | —      | —             | 0.005               | —     | —             | 0.004               |
|        | 銅 (mg/L)               | —              | 0.02                | —      | —             | 0.01                | —     | —             | 0.01                |
|        | 亜鉛 (mg/L)              | —              | 0.04                | —      | —             | 0.02                | —     | —             | 0.02                |
|        | 溶解性鉄 (mg/L)            | —              | 0.00                | —      | —             | 0.00                | —     | —             | 0.00                |
|        | 溶解性マンガン (mg/L)         | —              | 0.00                | —      | —             | 0.00                | —     | —             | 0.00                |
|        | クロム (mg/L)             | —              | 0.00                | —      | —             | 0.00                | —     | —             | 0.00                |
|        | 弗素 (mg/L)              | —              | 0.20                | —      | —             | 0.14                | —     | —             | 0.18                |
|        | 塩素イオン (mg/L)           | 26.3           | 28.4                | 31.4   | 17.0          | 15.5                | 18.0  | 222.0         | 74.7                |
|        | 全窒素 (mg/L)             | —              | 27.0                | —      | —             | 3.59                | —     | —             | 2.35                |
|        | アンモニア性窒素 (mg/L)        | —              | 0.22                | —      | —             | 0.13                | —     | —             | 0.09                |
|        | 硝酸性窒素 (mg/L)           | —              | 11.2                | —      | —             | 18.0                | —     | —             | 1.64                |
|        | リン酸 (mg/L)             | —              | 0.04                | —      | —             | 0.08                | —     | —             | 0.01                |
|        | 総硬度 (mg/L)             | —              | 5.57                | —      | —             | 6.23                | —     | —             | 7.79                |
|        | 導電率 (μS/cm)            | 223.5          | 246.0               | 243.0  | 222.5         | 216.5               | 222.5 | 897.5         | 426.5               |
|        | A. B. S. (mg/L)        | —              | 0.44                | —      | —             | 0.08                | —     | —             | 0.00                |

| (6) 江戸川水門 (上) |        |                     |        |       |                     |       |        |                     |       |       |
|---------------|--------|---------------------|--------|-------|---------------------|-------|--------|---------------------|-------|-------|
| "             | 9・18   | "                   | "      | 10・17 | "                   | "     | 11・27  | "                   | "     | 12・11 |
| 0.00          | 286.51 | 314.54              | 121.05 | 0.00  | 0.00                | 0.00  | 164.90 | 0.00                | 0.00  | 0.00  |
| "             | "      | "                   | "      | "     | "                   | "     | "      | "                   | "     | "     |
| "             | くもり    | "                   | "      | "     | "                   | 晴     | "      | "                   | "     | くもり   |
| 15:00         | 8:10   | 10:00               | 16:50  | 8:17  | 10:50               | 16:10 | 8:23   | 13:00               | 18:35 | 11:00 |
| 3.29          | 4.70   | 3.90                | 4.50   | 4.44  | 3.75                | 4.02  | 3.90   | 3.75                | 3.70  | 3.70  |
| 0.66          | 0.94   | 0.78                | 0.90   | 0.89  | 0.75                | 0.80  | 0.78   | 0.75                | 0.74  | 0.74  |
| "             | 12.06  | "                   | "      | 11.42 | "                   | "     | 9.10   | "                   | "     | 9.00  |
| "             | 6.09   | "                   | "      | 6.03  | "                   | "     | 21.44  | "                   | "     | 21.41 |
| "             | 18.00  | "                   | "      | 17.17 | "                   | "     | 3.37   | "                   | "     | 3.57  |
| 29.3          | 21.5   | 25.5                | 22.5   | 17.0  | 19.5                | 18.9  | 14.56  | 10.0                | 18.0  | 12.0  |
| 27.0          | 21.2   | 21.0                | 21.2   | 18.0  | 18.0                | 18.0  | 8.0    | 9.0                 | 8.5   | 7.1   |
| "             | 無色     | 淡黄色                 | "      | 無色    | "                   | 淡黄色   | 無色     | 淡黄色                 | 無色    | "     |
| "             | 無臭     | "                   | "      | "     | "                   | 土臭    | 腐敗臭    | "                   | "     | 無臭    |
| 20.0          | 22.0   | 20.0                | 18.0   | 27.0  | 15.0                | 27.0  | 25.0   | 15.0                | —     | 26.0  |
| 1.49          | 2.30   | 1.50                | 2.10   | 2.04  | 1.35                | 1.62  | 1.84   | 1.70                | 1.65  | 1.74  |
| "             | 順流     | "                   | 逆流     | 流速なし  | "                   | "     | 順流     | 流速なし                | "     | "     |
| —             | —      | 0.00                | —      | —     | 0.00                | —     | —      | 0.00                | —     | —     |
| —             | —      | —                   | —      | —     | —                   | —     | —      | —                   | —     | —     |
| —             | —      | —                   | —      | —     | —                   | —     | —      | —                   | —     | —     |
| —             | —      | 0.000               | —      | —     | 0.000               | —     | —      | 0.000               | —     | —     |
| —             | —      | 0.02                | —      | —     | 0.00                | —     | —      | 0.00                | —     | —     |
| —             | —      | 0.00                | —      | —     | 0.00                | —     | —      | 0.00                | —     | —     |
| —             | —      | 0.00                | —      | —     | 0.00                | —     | —      | 0.00                | —     | —     |
| —             | —      | 0.000               | —      | —     | 0.000               | —     | —      | 0.000               | —     | —     |
| 7.1           | 7.0    | 7.0                 | 7.0    | 7.1   | 7.1                 | 7.1   | 7.1    | 7.2                 | 7.1   | 6.9   |
| 7.0           | 7.3    | 7.5                 | 7.4    | 8.5   | 8.9                 | 9.1   | 9.8    | 10.0                | 9.9   | 9.9   |
| 1.9           | 1.2    | 1.9                 | 2.1    | 2.0   | 2.5                 | 3.0   | 2.0    | 3.6                 | 2.8   | 4.2   |
| 3.7           | 1.3    | 2.5                 | 1.5    | 3.4   | 4.2                 | 3.7   | 5.2    | 5.9                 | 5.3   | 6.4   |
| 1.6           | 1.6    | 5.6                 | 1.9    | 5     | 2.5                 | 6     | 1.3    | 2.5                 | 9     | 6     |
| —             | —      | 2.4×10 <sup>5</sup> | —      | —     | 4.9×10 <sup>4</sup> | —     | —      | 3.5×10 <sup>5</sup> | —     | —     |
| —             | —      | 0.004               | —      | —     | 0.005               | —     | —      | 0.003               | —     | —     |
| —             | —      | 0.02                | —      | —     | 0.01                | —     | —      | 0.00                | —     | —     |
| —             | —      | 0.02                | —      | —     | 0.01                | —     | —      | 0.01                | —     | —     |
| —             | —      | 0.00                | —      | —     | 0.00                | —     | —      | 0.03                | —     | —     |
| —             | —      | 0.05                | —      | —     | 0.00                | —     | —      | 0.02                | —     | —     |
| —             | —      | 0.00                | —      | —     | 0.00                | —     | —      | 0.00                | —     | —     |
| —             | —      | 0.05                | —      | —     | 0.09                | —     | —      | 0.22                | —     | —     |
| 41.2          | 56.7   | 30.9                | 28.9   | 40.2  | 49.0                | 34.5  | 688.0  | 27.8                | 226.0 | 28.4  |
| —             | —      | 2.15                | —      | —     | 38.8                | —     | —      | 2.14                | —     | —     |
| —             | —      | 0.26                | —      | —     | 0.31                | —     | —      | 0.43                | —     | —     |
| —             | —      | 1.72                | —      | —     | 1.72                | —     | —      | 1.80                | —     | —     |
| —             | —      | 0.02                | —      | —     | 0.16                | —     | —      | 0.20                | —     | —     |
| —             | —      | 6.99                | —      | —     | 6.99                | —     | —      | 9.11                | —     | —     |
| 285.5         | 355.0  | 264.5               | 256.0  | 307.5 | 348.5               | 300.5 | 2620.0 | 272.5               | 971.0 | 303.0 |
| —             | —      | 0.28                | —      | —     | 0.77                | —     | —      | 0.48                | —     | —     |

| 調査地点   |                  | (6) 江戸川水門(上) |         | (7) 浦 安 橋 |        |         |     |        |         |
|--------|------------------|--------------|---------|-----------|--------|---------|-----|--------|---------|
| 測定項目   |                  | 月・日          | 12・11   | "         | 1・21   | "       | "   | 2・18   | "       |
| 現場測定項目 | 流量 (m³/s)        |              | 0.00    | 0.00      | 193.06 | 64.59   | 欠 測 | 125.53 | 91.66   |
|        | 採取位置             |              | 流心部     | "         | "      | "       |     | "      | "       |
|        | 天候               |              | くもり     | "         | "      | "       |     | 晴      | "       |
|        | 採取時刻(時:分)        |              | 13:00   | 15:00     | 8:52   | 11:05   |     | 9:10   | 11:30   |
|        | 全水深 (m)          |              | 3.83    | 4.20      | 5.30   | 5.14    |     | 5.15   | 5.35    |
|        | 採取水深 (m)         |              | 0.77    | 0.84      | 1.06   | 1.03    |     | 1.03   | 1.07    |
|        | 干潮時刻(時:分)        |              | 9.00    | "         | 9.56   | "       |     | 9.01   | "       |
|        | 満潮時刻(時:分)        |              | 21.41   | "         | 22.23  | "       |     | 21.32  | "       |
|        | 気温 (°C)          |              | 3.57    | "         | 4.57   | "       |     | 4.10   | "       |
|        | 水温 (°C)          |              | 14.26   | "         | 15.15  | "       |     | 14.14  | "       |
|        | 水色               |              | 10.0    | 9.5       | 3.5    | 4.0     |     | 8.5    | 11.5    |
|        | 臭気               |              | 7.0     | 7.0       | 6.0    | 6.0     |     | 6.2    | 6.8     |
|        | 透明度 (cm)         |              | 無 色     | "         | 淡黄色    | "       |     | 無 色    | "       |
|        | 流速               |              | 無 臭     | "         | 土 臭    | 植物臭     |     | 無 臭    | "       |
| 健康項目   | シアン (mg/L)       |              | 0.00    | —         | —      | 0.00    |     | —      | 0.00    |
|        | アルキル水銀 (mg/L)    |              | —       | —         | —      | —       |     | —      | —       |
|        | 有機リン (mg/L)      |              | 0.00    | —         | —      | 0.00    |     | —      | —       |
|        | カドミウム (mg/L)     |              | 0.000   | —         | —      | 0.000   |     | —      | 0.000   |
|        | 鉛 (mg/L)         |              | 0.00    | —         | —      | 0.00    |     | 欠 測    | —       |
|        | クロム(6価) (mg/L)   |              | 0.00    | —         | —      | 0.00    |     | —      | 0.00    |
|        | 砒素 (mg/L)        |              | 0.00    | —         | —      | 0.00    |     | —      | —       |
|        | 総水銀 (mg/L)       |              | 0.000   | —         | —      | 0.000   |     | —      | 0.000   |
|        | PH               |              | 6.9     | 7.0       | 6.5    | 6.3     |     | 6.7    | 6.8     |
|        | D O (mg/L)       |              | 9.9     | 9.9       | 5.7    | 5.4     |     | 7.3    | 8.4     |
| 生活環境項目 | B O D (mg/L)     |              | 3.9     | 3.5       | 3.9    | 6.3     |     | 4.9    | 4.2     |
|        | C O D (mg/L)     |              | 6.4     | 6.0       | 8.0    | 11.8    |     | 7.6    | 7.0     |
|        | S S (mg/L)       |              | 5       | 8         | 10     | 10      |     | 11     | 15      |
|        | 大腸菌群数(MPN/100mL) |              | 4.9×10⁴ | —         | —      | 1.3×10⁵ |     | —      | 3.5×10⁴ |
|        | フェノール類 (mg/L)    |              | 0.011   | —         | —      | 0.007   |     | —      | 0.004   |
| 一般項目   | 銅 (mg/L)         |              | 0.00    | —         | —      | 0.01    |     | —      | 0.02    |
|        | 亜鉛 (mg/L)        |              | 0.02    | —         | —      | 0.17    |     | —      | 0.15    |
|        | 溶解性鉄 (mg/L)      |              | 0.03    | —         | —      | 0.00    |     | —      | 0.00    |
|        | 溶解性マンガン (mg/L)   |              | 0.08    | —         | —      | 0.02    |     | —      | 0.00    |
|        | クロム (mg/L)       |              | 0.00    | —         | —      | 0.46    |     | —      | 0.00    |
|        | 弗素 (mg/L)        |              | 0.15    | —         | —      | 0.00    |     | —      | —       |
|        | 塩素イオン (mg/L)     |              | 27.3    | 27.8      | 1080.0 | 1020.0  |     | 3660.0 | 3230.0  |
|        | 全窒素 (mg/L)       |              | 2.29    | —         | —      | —       |     | —      | —       |
|        | アンモニア性窒素 (mg/L)  |              | 0.60    | —         | —      | 0.26    |     | —      | 0.16    |
|        | 硝酸性窒素 (mg/L)     |              | 0.88    | —         | —      | 0.60    |     | —      | 0.68    |

| 調査地点   |                  | (6) 江戸川水門(上) |         | (7) 浦 安 橋 |        |         |     |        |         |
|--------|------------------|--------------|---------|-----------|--------|---------|-----|--------|---------|
| 測定項目   |                  | 月・日          | 12・11   | "         | 1・21   | "       | "   | 2・18   | "       |
| 現場測定項目 | 流量 (m³/s)        |              | 0.00    | 0.00      | 193.06 | 64.59   | 欠 測 | 125.53 | 91.66   |
|        | 採取位置             |              | 流心部     | "         | "      | "       |     | "      | "       |
|        | 天候               |              | くもり     | "         | "      | "       |     | 晴      | "       |
|        | 採取時刻(時:分)        |              | 13:00   | 15:00     | 8:52   | 11:05   |     | 9:10   | 11:30   |
|        | 全水深 (m)          |              | 3.83    | 4.20      | 5.30   | 5.14    |     | 5.15   | 5.35    |
|        | 採取水深 (m)         |              | 0.77    | 0.84      | 1.06   | 1.03    |     | 1.03   | 1.07    |
|        | 干潮時刻(時:分)        |              | 9.00    | "         | 9.56   | "       |     | 9.01   | "       |
|        | 満潮時刻(時:分)        |              | 21.41   | "         | 22.23  | "       |     | 21.32  | "       |
|        | 気温 (°C)          |              | 3.57    | "         | 4.57   | "       |     | 4.10   | "       |
|        | 水温 (°C)          |              | 14.26   | "         | 15.15  | "       |     | 14.14  | "       |
|        | 水色               |              | 10.0    | 9.5       | 3.5    | 4.0     |     | 8.5    | 11.5    |
|        | 臭気               |              | 7.0     | 7.0       | 6.0    | 6.0     |     | 6.2    | 6.8     |
|        | 透明度 (cm)         |              | 無 色     | "         | 淡黄色    | "       |     | 無 色    | "       |
|        | 流速               |              | 無 臭     | "         | 土 臭    | 植物臭     |     | 無 臭    | "       |
| 健康項目   | シアン (mg/L)       |              | 0.00    | —         | —      | 0.00    |     | —      | 0.00    |
|        | アルキル水銀 (mg/L)    |              | —       | —         | —      | —       |     | —      | —       |
|        | 有機リン (mg/L)      |              | 0.00    | —         | —      | 0.00    |     | —      | —       |
|        | カドミウム (mg/L)     |              | 0.000   | —         | —      | 0.000   |     | —      | 0.000   |
|        | 鉛 (mg/L)         |              | 0.00    | —         | —      | 0.00    |     | 欠 測    | —       |
|        | クロム(6価) (mg/L)   |              | 0.00    | —         | —      | 0.00    |     | —      | 0.00    |
|        | 砒素 (mg/L)        |              | 0.00    | —         | —      | 0.00    |     | —      | —       |
|        | 総水銀 (mg/L)       |              | 0.000   | —         | —      | 0.000   |     | —      | 0.000   |
|        | PH               |              | 6.9     | 7.0       | 6.5    | 6.3     |     | 6.7    | 6.8     |
|        | D O (mg/L)       |              | 9.9     | 9.9       | 5.7    | 5.4     |     | 7.3    | 8.4     |
| 生活環境項目 | B O D (mg/L)     |              | 3.9     | 3.5       | 3.9    | 6.3     |     | 4.9    | 4.2     |
|        | C O D (mg/L)     |              | 6.4     | 6.0       | 8.0    | 11.8    |     | 7.6    | 7.0     |
|        | S S (mg/L)       |              | 5       | 8         | 10     | 10      |     | 11     | 15      |
|        | 大腸菌群数(MPN/100mL) |              | 4.9×10⁴ | —         | —      | 1.3×10⁵ |     | —      | 3.5×10⁴ |
|        | フェノール類 (mg/L)    |              | 0.011   | —         | —      | 0.007   |     | —      | 0.004   |
| 一般項目   | 銅 (mg/L)         |              | 0.00    | —         | —      | 0.01    |     | —      | 0.02    |
|        | 亜鉛 (mg/L)        |              | 0.02    | —         | —      | 0.17    |     | —      | 0.15    |
|        | 溶解性鉄 (mg/L)      |              | 0.03    | —         | —      | 0.00    |     | —      | 0.00    |
|        | 溶解性マンガン (mg/L)   |              | 0.08    | —         | —      | 0.02    |     | —      | 0.00    |
|        | クロム (mg/L)       |              | 0.00    | —         | —      | 0.46    |     | —      | 0.00    |
|        | 弗素 (mg/L)        |              | 0.15    | —         | —      | 0.00    |     | —      | —       |
|        | 塩素イオン (mg/L)     |              | 27.3    | 27.8      | 1080.0 | 1020.0  |     | 3660.0 | 3230.0  |
|        | 全窒素 (mg/L)       |              | 2.29    | —         | —      | —       |     | —      | —       |
|        | アンモニア性窒素 (mg/L)  |              | 0.60    | —         | —      | 0.26    |     | —      | 0.16    |
|        | 硝酸性窒素 (mg/L)     |              | 0.88    | —         | —      | 0.60    |     | —      | 0.68    |

| 調査地点   |                  | (7) 浦 安 橋 |        |         |         |        |        |        |         |
|--------|------------------|-----------|--------|---------|---------|--------|--------|--------|---------|
| 測定項目   | 月・日              | 6・20      | 7・24   | #       | #       | 8・20   | #      | #      | 9・18    |
| 現場測定項目 | 流量 (m³/s)        | 381.88    | 315.21 | 154.55  | 250.27  | 419.67 | 45.50  | 227.77 | 622.83  |
|        | 採取位置             | 流心部       | "      | "       | "       | "      | "      | "      | "       |
|        | 天候               | 晴         | くもり    | "       | "       | 晴      | "      | "      | くもり     |
|        | 採取時刻(時分)         | 16:18     | 9:26   | 16:50   | 18:03   | 11:00  | 13:00  | 15:00  | 9:05    |
|        | 全水深 (m)          | 6.83      | 6.76   | 6.16    | 6.56    | 3.40   | 2.94   | 3.56   | 6.70    |
|        | 採取水深 (m)         | 1.37      | 1.35   | 1.23    | 1.31    | 0.68   | 0.59   | 0.71   | 1.34    |
|        | 干潮時刻(時分)         | 11:01     | 1:59   | "       | "       | 0:13   | "      | "      | 12:06   |
|        | 満潮時刻(時分)         | 23:24     | 14:09  | "       | "       | 12:33  | "      | "      | "       |
|        | 気温 (℃)           | 4:02      | 8:00   | "       | "       | 6:16   | "      | "      | 6:09    |
|        | 水温 (℃)           | 17:59     | 20:20  | "       | "       | 18:43  | "      | "      | 18:00   |
|        | 色相               | 26.5      | 27.0   | 26.3    | 26.3    | 31.0   | 33.5   | 33.0   | 22.8    |
|        | 臭気               | 23.7      | 23.0   | 23.8    | 22.6    | 27.0   | 28.0   | 27.5   | 22.0    |
|        | 透明度 (cm)         | 淡黄色       | 無色     | "       | "       | 欠測     | "      | "      | 淡黄色     |
| 健康項目   | 臭気               | 植物臭       | "      | "       | "       | 欠測     | "      | "      | 無臭      |
|        | 透視度 (cm)         | 28.0      | 21.0   | 16.0    | 15.0    | 21.0   | 20.0   | 20.0   | 23.0    |
|        | 水位               | 1.87      | 1.80   | 1.20    | 1.60    | 0.90   | 0.44   | 1.06   | 1.80    |
|        | 流向               | 逆流        | 順流     | 逆流      | "       | 順流     | "      | 逆流     | 順流      |
|        | シアン (mg/L)       | —         | —      | 0.00    | —       | —      | 0.00   | —      | —       |
|        | アルキル水銀 (mg/L)    | —         | —      | —       | —       | —      | —      | —      | —       |
|        | 有機機燐 (mg/L)      | —         | —      | —       | —       | —      | 0.00   | —      | —       |
|        | カドミウム (mg/L)     | —         | —      | 0.000   | —       | —      | 0.000  | —      | —       |
|        | 鉛 (mg/L)         | —         | —      | 0.01    | —       | —      | 0.02   | —      | —       |
|        | クロム (6価) (mg/L)  | —         | —      | 0.00    | —       | —      | 0.00   | —      | —       |
|        | 砒素 (mg/L)        | —         | —      | 0.00    | —       | —      | 0.00   | —      | —       |
|        | 総水銀 (mg/L)       | —         | —      | 0.000   | —       | —      | 0.000  | —      | —       |
|        | PH               | 7.7       | 7.1    | 7.2     | 7.2     | 7.1    | 7.1    | 7.1    | 7.2     |
| 生活環境項目 | D O (mg/L)       | 6.6       | 6.5    | 6.2     | 5.8     | 5.9    | 5.3    | 4.9    | 6.2     |
|        | B O D (mg/L)     | 2.8       | 1.2    | 1.4     | 1.3     | 1.9    | 1.8    | 1.7    | 1.5     |
|        | C O D (mg/L)     | 4.8       | 3.4    | 3.7     | 3.6     | 5.3    | 5.0    | 4.3    | 1.2     |
|        | S S (mg/L)       | 5.3       | 3.8    | 2.7     | 4.0     | 3.5    | 1.4    | 1.6    | 3.2     |
|        | 大腸菌群数(MPN/100mL) | —         | —      | 9.5×10⁴ | —       | —      | 35×10⁵ | —      | —       |
| 一般項目   | フェノール類 (mg/L)    | —         | —      | 0.004   | —       | —      | 0.004  | —      | —       |
|        | 銅 (mg/L)         | —         | —      | 0.01    | —       | —      | 0.01   | —      | —       |
|        | 亜鉛 (mg/L)        | —         | —      | 0.02    | —       | —      | 0.02   | —      | —       |
|        | 溶解性鉄 (mg/L)      | —         | —      | 0.00    | —       | —      | 0.00   | —      | —       |
|        | 溶解性マンガン (mg/L)   | —         | —      | 0.00    | —       | —      | 0.08   | —      | —       |
|        | クロム (mg/L)       | —         | —      | 0.00    | —       | —      | 0.00   | —      | —       |
|        | 弗素 (mg/L)        | —         | —      | 0.20    | —       | —      | 0.33   | —      | —       |
|        | 塩素イオン (mg/L)     | 7320.0    | 1050.0 | 129.0   | 5500.0  | 1700.0 | 2090.0 | 3170.0 | 3170.0  |
|        | 全窒素 (mg/L)       | —         | —      | 3.00    | —       | —      | 1.37   | —      | —       |
|        | アンモニア性窒素 (mg/L)  | —         | —      | 0.15    | —       | —      | 0.35   | —      | —       |
|        | 硝酸性窒素 (mg/L)     | —         | —      | 1.68    | —       | —      | 1.16   | —      | —       |
|        | リン酸イオン (mg/L)    | —         | —      | 0.10    | —       | —      | 0.01   | —      | —       |
|        | 総硬度 (mg/L)       | —         | —      | 61.4    | —       | —      | 708.2  | —      | —       |
|        | 導電率 (μS/cm)      | 21350.0   | 3600.0 | 370.5   | 16250.0 | 5685.0 | 6800.0 | 9985.0 | 10200.0 |
|        | A. B. S. (mg/L)  | —         | —      | 0.00    | —       | —      | 0.00   | —      | —       |

| (7) 浦 安 橋 |        |        |         |         |         |         |        |         |         |         |
|-----------|--------|--------|---------|---------|---------|---------|--------|---------|---------|---------|
| #         | #      | 10・17  | #       | #       | 11・27   | #       | #      | 12・11   | #       | #       |
| 399.14    | 308.50 | 165.53 | 104.11  | 0.00    | 124.33  | 62.14   | 232.56 | 143.77  | 114.38  | 99.21   |
| "         | "      | "      | "       | "       | "       | "       | "      | "       | "       | "       |
| "         | "      | "      | "       | 晴       | "       | "       | "      | くもり     | "       | "       |
| 11:45     | 17:23  | 8:55   | 13:00   | 16:50   | 9:35    | 13:52   | 17:50  | 11:00   | 13:00   | 15:00   |
| 6.00      | 7.10   | 6.35   | 5.85    | 7.15    | 4.55    | 5.30    | 4.85   | 4.30    | 4.70    | 4.80    |
| 1.20      | 1.42   | 1.27   | 1.17    | 1.43    | 0.91    | 1.06    | 0.97   | 0.86    | 0.94    | 0.96    |
| "         | "      | 11.42  | "       | "       | 9.10    | "       | "      | 9.00    | "       | "       |
| "         | "      | 6.03   | "       | "       | 21.44   | "       | "      | 21.41   | "       | "       |
| "         | "      | 17.17  | "       | "       | 3.37    | "       | "      | 3.57    | "       | "       |
| 26.5      | 22.5   | 19.0   | 21.6    | 19.0    | 14.56   | "       | "      | 14.26   | "       | "       |
| 21.5      | 22.5   | 18.0   | 19.0    | 18.0    | 11.5    | 17.3    | 11.0   | 9.8     | 9.8     | 9.0     |
| "         | 無色     | "      | "       | "       | 1.10    | 12.0    | 9.0    | 9.0     | 9.5     | 9.2     |
| "         | "      | "      | "       | "       | 1.10    | 12.0    | 9.0    | 9.0     | 9.5     | 9.2     |
| "         | "      | "      | "       | "       | 腐敗臭     | "       | "      | 無臭      | "       | "       |
| 20.0      | 19.0   | 17.0   | 16.0    | 19.0    | 24.0    | 30.0    | —      | 30.0    | 30.0    | 30.0    |
| 1.10      | 2.20   | 1.45   | 0.95    | 0.25    | 0.60    | 1.34    | 0.90   | 0.96    | 1.36    | 1.46    |
| "         | 逆流     | 順流     | 逆流      | 流速なし    | 順流      | "       | "      | 逆流      | "       | 順流      |
| 0.00      | —      | —      | 0.00    | —       | —       | 0.00    | —      | —       | 0.00    | —       |
| —         | —      | —      | —       | —       | —       | —       | —      | —       | —       | —       |
| —         | —      | —      | —       | —       | —       | —       | —      | —       | 0.00    | —       |
| 0.000     | —      | —      | 0.000   | —       | —       | 0.000   | —      | —       | 0.000   | —       |
| 0.02      | —      | —      | 0.03    | —       | —       | 0.06    | —      | —       | 0.04    | —       |
| 0.00      | —      | —      | 0.00    | —       | —       | 0.00    | —      | —       | 0.00    | —       |
| 0.00      | —      | —      | 0.00    | —       | —       | 0.00    | —      | —       | 0.00    | —       |
| 0.000     | —      | —      | 0.000   | —       | —       | 0.000   | —      | —       | 0.000   | —       |
| 7.2       | 7.2    | 7.2    | 7.3     | 7.4     | 7.2     | 7.4     | 7.4    | 7.6     | 7.5     | 7.4     |
| 6.9       | 6.4    | 7.5    | 6.5     | 6.3     | 6.5     | 7.2     | 9.0    | 6.3     | 6.1     | 6.5     |
| 2.0       | 0.9    | 1.9    | 2.0     | 1.9     | 2.1     | 2.0     | 3.0    | 2.5     | 2.4     | 2.8     |
| 3.2       | 1.2    | 5.2    | 4.6     | 4.1     | 5.8     | 5.2     | 5.3    | 6.9     | 6.8     | 8.3     |
| 6.6       | 1.0    | 6      | 2.4     | 1.0     | 1.2     | 1.0     | 1.1    | 5       | 6       | 2.3     |
| 1.3×10⁵   | —      | —      | 3.5×10⁵ | —       | —       | 2.2×10⁴ | —      | —       | 4.9×10⁴ | —       |
| 0.005     | —      | —      | 0.005   | —       | —       | 0.004   | —      | —       | 0.009   | —       |
| 0.03      | —      | —      | 0.03    | —       | —       | 0.03    | —      | —       | 0.01    | —       |
| 0.02      | —      | —      | 0.03    | —       | —       | 0.03    | —      | —       | 0.04    | —       |
| 0.00      | —      | —      | 0.00    | —       | —       | 0.00    | —      | —       | 0.03    | —       |
| 0.00      | —      | —      | 0.08    | —       | —       | 0.13    | —      | —       | 0.05    | —       |
| 0.00      | —      | —      | 0.00    | —       | —       | 0.00    | —      | —       | 0.00    | —       |
| 0.05      | —      | —      | 0.28    | —       | —       | 0.69    | —      | —       | 0.74    | —       |
| 103.0     | 2960.0 | 2270.0 | 3760.0  | 6860.0  | 8000.0  | 6680.0  | 2010.0 | 6890.0  | 9070.0  | 7580.0  |
| 2.29      | —      | —      | 1.65    | —       | —       | 2.23    | —      | —       | 1.10    | —       |
| 0.22      | —      | —      | 0.25    | —       | —       | 0.44    | —      | —       | 0.69    | —       |
| 1.80      | —      | —      | 1.68    | —       | —       | 1.04    | —      | —       | 0.76    | —       |
| 0.01      | —      | —      | 0.05    | —       | —       | 0.12    | —      | —       | 0.09    | —       |
| 89.7      | —      | —      | 1284.3  | —       | —       | 2738.5  | —      | —       | 3663.9  | —       |
| 533.0     | 9340.0 | 7125.0 | 11900.0 | 20850.0 | 18800.0 | 19850.0 | 6160.0 | 22600.0 | 28350.0 | 24200.0 |
| 0.38      | —      | —      | 0.48    | —       | —       | 0.00    | —      | —       | 0.29    | —       |

| 調査地点       |                        |      | (8) 江戸川放水路    |                     |               |                     |               |                     |                |                     |   |
|------------|------------------------|------|---------------|---------------------|---------------|---------------------|---------------|---------------------|----------------|---------------------|---|
| 測定項目       |                        |      | 月・日           | 1・21                | #             | 2・18                | #             | 3・25                | #              | 4・22                | # |
| 現場測定項目     | 流量 (m <sup>3</sup> /s) |      | —             | —                   | —             | —                   | —             | —                   | —              | —                   | — |
|            | 採取位置                   |      | 流心部           | #                   | #             | #                   | #             | #                   | #              | #                   | # |
|            | 天候                     |      | くもり           | #                   | #             | 晴                   | くもり           | #                   | #              | #                   | # |
|            | 採取時刻 (時:分)             |      | 8:30          | 10:30               | 8:35          | 10:35               | 8:30          | 10:40               | 9:00           | 11:10               |   |
|            | 全水深 (m)                |      | 3.55          | 3.38                | 3.50          | 3.57                | 3.50          | 2.75                | 2.95           | 2.45                |   |
|            | 採取水深 (m)               |      | 0.71          | 0.68                | 0.70          | 0.71                | 0.70          | 0.55                | 0.59           | 0.49                |   |
|            | 干潮時刻 (時:分)             |      | 9:56<br>22:23 | #                   | 9:01<br>21:32 | #                   | 11:53         | #                   | 10:57<br>23:13 | #                   |   |
|            | 満潮時刻 (時:分)             |      | 4:57<br>15:15 | #                   | 4:10<br>14:14 | #                   | 5:41<br>18:05 | #                   | 4:33<br>17:21  | #                   |   |
|            | 気温 (℃)                 |      | 1.0           | 3.0                 | 7.5           | 11.0                | 5.5           | 8.5                 | 13.0           | 17.0                |   |
|            | 水温 (℃)                 |      | 4.0           | 4.0                 | 6.0           | 12.0                | 7.2           | 9.0                 | 14.5           | 15.0                |   |
|            | 色相                     |      | 淡黄色           | #                   | #             | #                   | #             | #                   | #              | #                   | # |
|            | 臭気                     |      | 植物臭           | #                   | 無臭            | 植物臭                 | #             | #                   | #              | #                   | # |
|            | 透視度 (cm)               |      | 14.0          | 16.0                | 16.0          | 25.0                | 10.0          | 17.0                | 9.0            | 9.0                 |   |
| 水位         |                        | 1.30 | 1.13          | 1.22                | 1.29          | 1.25                | 0.50          | 0.75                | 0.25           |                     |   |
| 流向         |                        | 流速なし | #             | 順流                  | 逆流            | 流速なし                | #             | 順流                  | #              |                     |   |
| 健康項目       | シアン (mg/L)             |      | —             | 0.00                | —             | 0.00                | —             | —                   | —              | 0.00                |   |
|            | アルキル水銀 (mg/L)          |      | —             | —                   | —             | —                   | —             | —                   | —              | —                   |   |
|            | 有機機燐 (mg/L)            |      | —             | 0.00                | —             | —                   | —             | —                   | —              | —                   |   |
|            | カドミウム (mg/L)           |      | —             | 0.000               | —             | 0.000               | —             | 0.000               | —              | 0.000               |   |
|            | 鉛 (mg/L)               |      | —             | 0.00                | —             | 0.00                | —             | 0.00                | —              | 0.00                |   |
|            | クロム (6価) (mg/L)        |      | —             | —                   | —             | —                   | —             | —                   | —              | 0.00                |   |
|            | 砒素 (mg/L)              |      | —             | —                   | —             | —                   | —             | —                   | —              | —                   |   |
| 総水銀 (mg/L) |                        | —    | 0.000         | —                   | 0.000         | —                   | 0.000         | —                   | 0.000          |                     |   |
| 生活環境項目     | PH                     |      | 7.3           | 7.2                 | 7.6           | 7.7                 | 7.6           | 7.7                 | 7.5            | 7.6                 |   |
|            | D O O (mg/L)           |      | 12.2          | 13.0                | 11.8          | 13.2                | 11.3          | 11.4                | 8.5            | 8.8                 |   |
|            | B O D (mg/L)           |      | 9.0           | 14.1                | 11.1          | 6.4                 | 4.2           | 2.6                 | 3.2            | 3.6                 |   |
|            | C O D (mg/L)           |      | 8.8           | 13.3                | 7.5           | 7.4                 | 10.0          | 10.0                | 7.2            | 8.5                 |   |
|            | S S (mg/L)             |      | 17            | 25                  | 63            | 16                  | 58            | 67                  | 91             | 53                  |   |
|            | 大腸菌群数 (MPN/100 mL)     |      | —             | 4.9×10 <sup>3</sup> | —             | 7.9×10 <sup>2</sup> | —             | 2.2×10 <sup>3</sup> | —              | 2.8×10 <sup>4</sup> |   |
| 一般項目       | フェノール類 (mg/L)          |      | —             | —                   | —             | —                   | —             | —                   | —              | 0.004               |   |
|            | 銅 (mg/L)               |      | —             | 0.03                | —             | 0.00                | —             | 0.00                | —              | 0.01                |   |
|            | 亜鉛 (mg/L)              |      | —             | 0.14                | —             | 0.18                | —             | 0.08                | —              | 0.07                |   |
|            | 溶解性鉄 (mg/L)            |      | —             | —                   | —             | —                   | —             | —                   | —              | 0.00                |   |
|            | 溶解性マンガン (mg/L)         |      | —             | —                   | —             | —                   | —             | —                   | —              | 0.00                |   |
|            | クロム (mg/L)             |      | —             | —                   | —             | —                   | —             | —                   | —              | 0.00                |   |
|            | 弗素 (mg/L)              |      | —             | —                   | —             | —                   | —             | —                   | —              | —                   |   |
|            | 塩素イオン (mg/L)           |      | 1310.0        | 1260.0              | 6090.0        | 5950.0              | 13300.0       | 11700.0             | 9150.0         | 9980.0              |   |
|            | 全窒素 (mg/L)             |      | —             | —                   | —             | —                   | —             | —                   | —              | —                   |   |
|            | アンモニア性窒素 (mg/L)        |      | —             | 0.28                | —             | 0.20                | —             | 0.43                | —              | 0.29                |   |
|            | 硝酸性窒素 (mg/L)           |      | —             | 0.76                | —             | 1.60                | —             | 0.80                | —              | 0.48                |   |
|            | リン酸イオン (mg/L)          |      | —             | —                   | —             | —                   | —             | —                   | —              | 0.00                |   |
|            | 総硬度 (mg/L)             |      | —             | 414.5               | —             | 495.4               | —             | 3696.9              | —              | 2950.0              |   |
|            | 導電率 (μS/cm)            |      | —             | 34750.0             | —             | 40850.0             | —             | 32750.0             | 27300.0        | 29300.0             |   |
|            | A. B. S. (mg/L)        |      | —             | —                   | —             | —                   | —             | —                   | —              | 0.24                |   |

| (8) 江戸川放水路 |                     |         |                     |         |                    |         |                     |         |                     |         |
|------------|---------------------|---------|---------------------|---------|--------------------|---------|---------------------|---------|---------------------|---------|
| 5・27       | #                   | 6・20    | #                   | 7・24    | #                  | 8・21    | 8・21                | 9・18    | #                   | 10・17   |
| —          | —                   | —       | —                   | —       | —                  | —       | —                   | —       | —                   | —       |
| #          | #                   | #       | #                   | #       | #                  | #       | #                   | #       | #                   | #       |
| 晴          | #                   | くもり     | #                   | #       | #                  | #       | 晴                   | くもり     | #                   | #       |
| 8:30       | 10:50               | 8:45    | 11:15               | 8:56    | 16:18              | 9:15    | 13:20               | 8:40    | 11:12               | 8:30    |
| 3.15       | 2.75                | 1.20    | 0.60                | 2.40    | 1.60               | 3.45    | 2.15                | 2.30    | 1.20                | 4.10    |
| 0.63       | 0.55                | 0.24    | 0.12                | 0.48    | 0.32               | 0.69    | 0.43                | 0.46    | 0.24                | 0.82    |
| 2.33       | #                   | 11.01   | #                   | 15.9    | #                  | 0.52    | 0.13                | 12.06   | #                   | 11.42   |
| 15.00      | #                   | 23.24   | #                   | 14.09   | #                  | 13.06   | 12.33               | 18.00   | #                   | 17.17   |
| 7.57       | #                   | 4.02    | #                   | 8.00    | #                  | 7.02    | 6.16                | 6.09    | #                   | 6.03    |
| 21.50      | #                   | 17.59   | #                   | 20.20   | #                  | 19.08   | 18.43               | 18.00   | #                   | 17.17   |
| 23.0       | 27.5                | 22.5    | 25.0                | 26.0    | 29.5               | 26.5    | 3.15                | 22.0    | 26.0                | 18.5    |
| 21.0       | 24.0                | 23.2    | 23.5                | 23.2    | 24.0               | 26.3    | 27.0                | 23.5    | 24.0                | 19.0    |
| 無色         | #                   | #       | 淡黄色                 | 無色      | #                  | 欠測      | #                   | 淡黄色     | #                   | 無色      |
| 無臭         | #                   | #       | 植物臭                 | #       | #                  | 欠測      | #                   | 無臭      | #                   | #       |
| 21.0       | 23.0                | 30.0    | 9.0                 | 20.0    | 23.0               | 9.0     | 12.0                | 30.0    | 30.0                | 14.0    |
| 1.96       | 1.56                | 0.70    | 0.10                | 1.90    | 1.10               | 1.20    | 0.10                | 1.80    | 0.70                | 1.48    |
| 流速なし       | #                   | 順流      | #                   | 流速なし    | #                  | 順流      | 流速なし                | #       | #                   | #       |
| —          | 0.00                | —       | 0.00                | —       | 0.00               | —       | 0.00                | —       | 0.00                | —       |
| —          | —                   | —       | —                   | —       | —                  | —       | —                   | —       | —                   | —       |
| —          | —                   | —       | —                   | —       | —                  | —       | —                   | —       | —                   | —       |
| —          | 0.000               | —       | 0.000               | —       | 0.000              | —       | 0.000               | —       | 0.000               | —       |
| —          | 0.01                | —       | 0.00                | —       | 0.02               | —       | 0.00                | —       | 0.00                | —       |
| —          | 0.00                | —       | 0.00                | —       | 0.00               | —       | 0.00                | —       | 0.00                | —       |
| —          | 0.00                | —       | 0.00                | —       | 0.00               | —       | 0.00                | —       | 0.00                | —       |
| —          | 0.000               | —       | 0.000               | —       | 0.000              | —       | 0.000               | —       | 0.000               | —       |
| 7.4        | 7.4                 | 7.4     | 7.3                 | 7.5     | 7.5                | 8.3     | 7.7                 | 7.5     | 7.6                 | 8.1     |
| 4.0        | 5.1                 | 5.6     | 5.9                 | 6.4     | 4.3                | 13.5    | 6.0                 | 4.4     | 3.9                 | 8.1     |
| 1.7        | 2.2                 | 2.2     | 3.0                 | 1.9     | 1.9                | 11.5    | 9.6                 | 2.0     | 1.4                 | 6.6     |
| 4.6        | 5.3                 | 4.7     | 6.8                 | 3.4     | 3.1                | 8.2     | 7.8                 | 1.3     | 1.4                 | 6.1     |
| 8          | 28                  | 73      | 100                 | 37      | 81                 | 39      | 14                  | 38      | 31                  | 115     |
| —          | 4.9×10 <sup>2</sup> | —       | 1.1×10 <sup>3</sup> | —       | 35×10 <sup>3</sup> | —       | 7.9×10 <sup>3</sup> | —       | 3.5×10 <sup>4</sup> | —       |
| —          | 0.005               | —       | 0.005               | —       | 0.006              | —       | 0.005               | —       | 0.003               | —       |
| —          | 0.00                | —       | 0.01                | —       | 0.01               | —       | 0.00                | —       | 0.00                | —       |
| —          | 0.03                | —       | 0.05                | —       | 0.02               | —       | 0.02                | —       | 0.02                | —       |
| —          | 0.00                | —       | 0.00                | —       | 0.00               | —       | 0.00                | —       | 0.00                | —       |
| —          | 0.00                | —       | 0.00                | —       | 0.00               | —       | 0.10                | —       | 0.00                | —       |
| —          | 0.00                | —       | 0.00                | —       | 0.00               | —       | 0.00                | —       | 0.00                | —       |
| —          | —                   | —       | —                   | —       | —                  | —       | —                   | —       | —                   | —       |
| 13200.0    | 14100.0             | 9810.0  | 9820.0              | 11400.0 | 14400.0            | 13700.0 | 13300.0             | 9510.0  | 10600.0             | 16100.0 |
| —          | —                   | —       | —                   | —       | —                  | —       | —                   | —       | —                   | —       |
| —          | 0.31                | —       | 0.29                | —       | 0.15               | —       | 0.33                | —       | 0.28                | —       |
| —          | 0.60                | —       | 0.64                | —       | 0.52               | —       | 0.48                | —       | 0.92                | —       |
| —          | 0.38                | —       | 0.23                | —       | 0.60               | —       | 0.01                | —       | 0.01                | —       |
| —          | 4183.3              | —       | 2970.0              | —       | 424.0              | —       | 3895.0              | —       | 1591.2              | —       |
| 37600.0    | 38300.0             | 28600.0 | 30650.0             | 31350.0 | 37250.0            | 37950.0 | 36150.0             | 27550.0 | 31200.0             | 43900.0 |
| —          | 0.44                | —       | 0.52                | —       | 0.03               | —       | 0.00                | —       | 0.28                | —       |

| 調査地点   |                    | (8) 江戸川放水路        |               |                   |               |                   | (9) 運河(合流前)   |                   |               |
|--------|--------------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|
| 測定項目   | 月・日                | 10・17             | 11・27         | #                 | 12・12         | 12・11             | 1・21          | #                 | 2・18          |
| 現場測定項目 | 流量( $m^3/s$ )      | —                 | —             | —                 | —             | —                 | 0.22          | 0.18              | 0.40          |
|        | 採取位置               | 流心部               | #             | #                 | #             | #                 | #             | #                 | #             |
|        | 天候                 | くもり               | 晴             | #                 | #             | くもり               | #             | 雪                 | 晴             |
|        | 採取時刻(時分)           | 11:10             | 8:58          | 13:32             | 9:25          | 13:20             | 10:35         | 14:00             | 8:45          |
|        | 全水深(m)             | 3.52              | 3.80          | 4.54              | 3.40          | 4.00              | 0.20          | 0.17              | 0.25          |
|        | 採取水深(m)            | 0.70              | 0.76          | 0.91              | 0.68          | 0.80              | 0.04          | 0.03              | 0.05          |
|        | 干潮時刻(時分)           | 11.42             | 9.10<br>21.44 | #                 | 9.49<br>22.18 | 9.00<br>21.41     | 9.56<br>22.23 | #                 | 9.01<br>21.32 |
|        | 満潮時刻(時分)           | 6.03<br>17.17     | 3.37<br>14.56 | #                 | 4.42<br>15.08 | 3.57<br>14.26     | 4.57<br>15.15 | #                 | 4.10<br>14.14 |
|        | 気温(℃)              | 21.0              | 11.0          | 17.3              | 8.0           | 9.5               | 1.8           | —1.0              | 8.5           |
|        | 水温(℃)              | 19.5              | 11.2          | 12.0              | 9.5           | 9.5               | 2.2           | 3.2               | 9.0           |
|        | 色相                 | 淡黄色               | 茶紅色           | #                 | 無色            | #                 | 淡黄色           | #                 | #             |
|        | 臭気                 | 土臭                | 腐敗臭           | #                 | 植物臭           | #                 | #             | #                 | #             |
|        | 透視度(cm)            | 25.0              | 19.0          | 24.0              | 20.0          | 17.0              | 9.0           | 8.0               | 17.0          |
| 健康項目   | 水質                 | 0.90              | 1.05          | —                 | 1.24          | 1.85              | 3.02          | 2.99              | 3.05          |
|        | 流向                 | 順流                | #             | #                 | #             | #                 | #             | #                 | #             |
|        | シアン( $mg/L$ )      | 0.00              | —             | 0.00              | —             | 0.00              | —             | 0.00              | —             |
|        | アルキル水銀( $mg/L$ )   | —                 | —             | —                 | —             | —                 | —             | —                 | —             |
|        | 有機機磷( $mg/L$ )     | —                 | —             | —                 | —             | —                 | —             | 0.00              | —             |
|        | カドミウム( $mg/L$ )    | 0.000             | —             | 0.000             | —             | 0.000             | —             | 0.000             | —             |
|        | 鉛( $mg/L$ )        | 0.04              | —             | 0.00              | —             | 0.02              | —             | 0.00              | —             |
|        | クロム(6価)( $mg/L$ )  | 0.00              | —             | 0.00              | —             | 0.00              | —             | —                 | —             |
| 生活環境項目 | 砒素( $mg/L$ )       | 0.00              | —             | 0.00              | —             | 0.00              | —             | —                 | —             |
|        | 総水銀( $mg/L$ )      | 0.000             | —             | 0.000             | —             | 0.000             | —             | 0.000             | —             |
|        | PH                 | 7.9               | 8.3           | 8.4               | 8.2           | 7.9               | 7.7           | 7.6               | 8.2           |
|        | D O( $mg/L$ )      | 7.3               | 10.2          | 13.0              | 9.6           | 9.6               | 8.8           | 9.6               | 7.8           |
|        | B D( $mg/L$ )      | 2.8               | 7.7           | 6.0               | 12.4          | 6.3               | 8.1           | 7.3               | 6.5           |
|        | C D( $mg/L$ )      | 4.0               | 12.0          | 12.7              | 12.6          | 10.0              | 14.8          | 8.2               | 10.6          |
|        | S S( $mg/L$ )      | 108               | 39            | 10                | 45            | 29                | 15            | 28                | 18            |
| 一般項目   | 大腸菌群数(MPN/100mL)   | $1.1 \times 10^3$ | —             | $5.0 \times 10^2$ | —             | $4.9 \times 10^3$ | —             | $4.9 \times 10^4$ | —             |
|        | フェノール類( $mg/L$ )   | 0.007             | —             | 0.003             | —             | 0.010             | —             | —                 | —             |
|        | 銅( $mg/L$ )        | 0.03              | —             | 0.00              | —             | 0.01              | —             | 0.03              | —             |
|        | 亜鉛( $mg/L$ )       | 0.03              | —             | 0.02              | —             | 0.04              | —             | 0.12              | —             |
|        | 溶解性鉄( $mg/L$ )     | 0.00              | —             | 0.15              | —             | 0.03              | —             | —                 | —             |
|        | 溶解性マンガン( $mg/L$ )  | 0.08              | —             | 0.05              | —             | 0.05              | —             | —                 | —             |
|        | クロム( $mg/L$ )      | 0.00              | —             | 0.00              | —             | 0.00              | —             | —                 | —             |
|        | 弗素( $mg/L$ )       | —                 | —             | —                 | —             | —                 | —             | —                 | —             |
|        | 塩素イオン( $mg/L$ )    | 15300.0           | 16000.0       | 16700.0           | 16300.0       | 15400.0           | 121.0         | 119.0             | 35.7          |
|        | 全窒素( $mg/L$ )      | —                 | —             | —                 | —             | —                 | —             | —                 | —             |
|        | アンモニア性窒素( $mg/L$ ) | 0.14              | —             | 0.09              | —             | 0.37              | —             | 3.60              | —             |
|        | 硝酸性窒素( $mg/L$ )    | 0.44              | —             | 0.48              | —             | 0.48              | —             | 1.80              | —             |
|        | リン酸イオン( $mg/L$ )   | 0.04              | —             | 0.07              | —             | 0.07              | —             | —                 | —             |
|        | 総硬度( $mg/L$ )      | 6827.3            | —             | 5410.8            | —             | 6534.6            | —             | 203.6             | —             |
|        | 導電率( $\mu S/cm$ )  | 40650.0           | 43750.0       | 44750.0           | 47100.0       | 47100.0           | —             | 813.5             | —             |
|        | A. B. S( $mg/L$ )  | 0.86              | —             | 0.48              | —             | 0.19              | —             | —                 | —             |

| (9) 運河(合流前)       |               |                   |                |                   |               |                   |                |                   |               |                   |
|-------------------|---------------|-------------------|----------------|-------------------|---------------|-------------------|----------------|-------------------|---------------|-------------------|
| #                 | 3・25          | #                 | 4・22           | #                 | 5・27          | #                 | 6・20           | #                 | 7・24          | #                 |
| 0.43              | 0.24          | 0.22              | 0.79           | 0.92              | 0.21          | 0.56              | 0.00           | 0.00              | 0.52          | 0.46              |
| #                 | #             | #                 | #              | #                 | #             | #                 | #              | #                 | #             | #                 |
| #                 | くもり           | 晴                 | くもり            | #                 | 晴             | #                 | くもり            | #                 | #             | #                 |
| 14:05             | 8:40          | 14:05             | 8:30           | 14:10             | 8:30          | 14:50             | 8:35           | 14:30             | 8:35          | 14:55             |
| 0.28              | 0.18          | 0.16              | 0.90           | 0.98              | 0.50          | 0.46              | 1.40           | 1.28              | 1.55          | 1.48              |
| 0.06              | 0.04          | 0.03              | 0.18           | 0.20              | 0.10          | 0.09              | 0.28           | 0.26              | 0.31          | 0.30              |
| #                 | 11.53         | #                 | 10.57<br>23.13 | #                 | 2.33<br>15.00 | #                 | 11.01<br>23.24 | #                 | 1.59<br>14.09 | #                 |
| #                 | 5.41<br>18.05 | #                 | 4.33<br>17.21  | #                 | 7.57<br>21.50 | #                 | 4.02<br>17.55  | #                 | 8.00<br>20.20 | #                 |
| 11.5              | 7.1           | 11.2              | 15.4           | 19.0              | 20.5          | 26.0              | 25.0           | 28.3              | 26.0          | 27.3              |
| 13.0              | 10.0          | 12.0              | 15.5           | 16.7              | 21.5          | 25.8              | 23.0           | 29.0              | 22.2          | 25.0              |
| #                 | #             | #                 | #              | #                 | 無色            | 黄濁色               | 淡黄色            | #                 | #             | #                 |
| #                 | #             | #                 | #              | #                 | 無臭            | 土臭                | 植物臭            | #                 | #             | #                 |
| 7.0               | 10.0          | 20.0              | 16.0           | 17.0              | 18.0          | 1.5               | 21.0           | 12.0              | 13.0          | 10.0              |
| 3.08              | 2.98          | 2.96              | 3.66           | 3.72              | 3.27          | 3.23              | 4.16           | 4.04              | 4.27          | 4.20              |
| #                 | #             | #                 | #              | #                 | #             | #                 | 流速なし           | #                 | 順流            | #                 |
| 0.00              | —             | —                 | —              | 0.00              | —             | 0.00              | —              | 0.00              | —             | 0.00              |
| —                 | —             | —                 | —              | —                 | —             | —                 | —              | —                 | —             | —                 |
| —                 | —             | —                 | —              | —                 | —             | —                 | —              | —                 | —             | —                 |
| 0.000             | —             | 0.000             | —              | 0.000             | —             | 0.000             | —              | 0.000             | —             | 0.000             |
| 0.00              | —             | 0.00              | —              | 0.01              | —             | 0.06              | —              | 0.00              | —             | 0.03              |
| —                 | —             | —                 | —              | 0.00              | —             | 0.00              | —              | 0.00              | —             | 0.00              |
| —                 | —             | —                 | —              | —                 | —             | 0.01              | —              | 0.00              | —             | 0.00              |
| 0.000             | —             | 0.000             | —              | 0.000             | —             | 0.000             | —              | 0.000             | —             | 0.000             |
| 8.1               | 7.6           | 7.6               | 7.3            | 7.3               | 7.7           | 7.9               | 7.2            | 7.6               | 7.6           | 7.5               |
| 9.5               | 7.5           | 8.7               | 3.5            | 5.1               | 8.4           | 10.0              | 2.7            | 4.0               | 4.4           | 4.6               |
| 7.9               | 4.1           | 3.9               | 6.0            | 4.8               | 6.8           | 39.7              | 4.3            | 4.5               | 3.1           | 3.8               |
| 17.7              | 9.4           | 9.3               | 11.1           | 12.4              | 10.5          | 70.8              | 8.5            | 7.8               | 7.1           | 8.5               |
| 59                | 28            | 23                | 23             | 23                | 15            | 1981              | 23             | 27                | 46            | 80                |
| $2.4 \times 10^4$ | —             | $4.9 \times 10^3$ | —              | $5.4 \times 10^5$ | —             | $1.7 \times 10^4$ | —              | $3.5 \times 10^5$ | —             | $2.4 \times 10^5$ |
| —                 | —             | —                 | —              | 0.004             | —             | 0.004             | —              | 0.006             | —             | 0.005             |
| 0.01              | —             | 0.01              | —              | 0.02              | —             | 0.20              | —              | 0.02              | —             | 0.04              |
| 0.16              | —             | 0.08              | —              | 0.06              | —             | 0.49              | —              | 0.02              | —             | 0.06              |
| —                 | —             | —                 | —              | 0.00              | —             | 0.06              | —              | 0.00              | —             | 0.00              |
| —                 | —             | —                 | —              | 0.00              | —             | 0.00              | —              | 0.00              | —             | 0.00              |
| —                 | —             | —                 | —              | 0.00              | —             | 0.00              | —              | 0.00              | —             | 0.00              |
| —                 | —             | —                 | —              | —                 | —             | —                 | —              | —                 | —             | —                 |
| 37.1              | 77.8          | 81.4              | 69.6           | 80.9              | 93.3          | 86.6              | 92.8           | 66.5              | 49.0          | 51.6              |
| —                 | —             | —                 | —              | —                 | —             | —                 | —              | —                 | —             | —                 |
| 1.70              | —             | 1.05              | —              | 0.26              | —             | 1.15              | —              | 1.30              | —             | 0.76              |
| 1.28              | —             | 2.40              | —              | 0.64              | —             | 1.24              | —              | 1.40              | —             | 1.48              |
| —                 | —             | —                 | —              | 1.02              | —             | 1.60              | —              | 0.33              | —             | 0.64              |
| 150.3             | —             | 140.7             | —              | 80.3              | —             | 141.6             | —              | 120.0             | —             | 97.7              |
| 583.0             | —             | 565.5             | 353.5          | 306.5             | 583.0         | 620.5             | 410.5          | 507.5             | 433.0         | 376.5             |
| —                 | —             | —                 | —              | 0.68              | —             | 0.64              | —              | 0.68              | —             | 0.12              |



2) 通日調査結果表

| 調査地点   |                     | (2) 野 田 橋     |                   |       |       |                   |       |               |                   |
|--------|---------------------|---------------|-------------------|-------|-------|-------------------|-------|---------------|-------------------|
| 測定項目   |                     | 8・20          | ＃                 | ＃     | ＃     | ＃                 | ＃     | 8・21          |                   |
| 現場測定項目 | 流量( $m^3/s$ )       | 75.80         | 74.20             | 71.90 | 70.30 | 70.30             | 70.30 | 68.60         | 68.00             |
|        | 採取位置                | 流心部           | ＃                 | ＃     | ＃     | ＃                 | ＃     | ＃             | ＃                 |
|        | 天候                  | 晴             | ＃                 | ＃     | ＃     | ＃                 | ＃     | ＃             | ＃                 |
|        | 採取時刻(時分)            | 11:00         | 13:00             | 15:00 | 17:00 | 19:00             | 21:00 | 23:00         | 1:00              |
|        | 全水深(m)              | 2.00          | 1.98              | 1.95  | 1.93  | 1.93              | 1.93  | 1.91          | 1.90              |
|        | 採取水深(m)             | 0.40          | 0.40              | 0.39  | 0.39  | 0.39              | 0.39  | 0.38          | 0.38              |
|        | 干潮時刻(時分)            | 0.13<br>12.33 | ＃                 | ＃     | ＃     | ＃                 | ＃     | 0.52<br>13.06 | ＃                 |
|        | 満潮時刻(時分)            | 6.16<br>18.43 | ＃                 | ＃     | ＃     | ＃                 | ＃     | 7.02<br>19.08 | ＃                 |
|        | 気温(℃)               | 30.4          | 31.0              | 31.0  | 27.8  | 25.0              | 24.3  | 24.0          | 23.0              |
|        | 水温(℃)               | 27.3          | 27.7              | 28.0  | 27.5  | 27.0              | 27.0  | 26.8          | 26.8              |
|        | 水色相                 | 欠             | —                 | —     | —     | —                 | —     | —             | —                 |
|        | 臭気                  | 欠             | —                 | —     | —     | —                 | —     | —             | —                 |
|        | 透視度(cm)             | 24.0          | 26.0              | 26.0  | 24.0  | —                 | —     | —             | —                 |
| 健康項目   | 水流位                 | 1.01          | 0.99              | 0.96  | 0.94  | 0.94              | 0.94  | 0.92          | 0.91              |
|        | 流向                  | 順流            | ＃                 | ＃     | ＃     | ＃                 | ＃     | ＃             | ＃                 |
|        | シアン( $mg/L$ )       | —             | 0.00              | —     | —     | —                 | —     | —             | —                 |
|        | アルキル水銀( $mg/L$ )    | —             | —                 | —     | —     | —                 | —     | —             | —                 |
|        | 有機燐( $mg/L$ )       | —             | 0.00              | —     | —     | —                 | —     | —             | —                 |
|        | カドミウム( $mg/L$ )     | —             | 0.000             | —     | —     | —                 | —     | —             | —                 |
|        | 鉛( $mg/L$ )         | —             | 0.00              | —     | —     | —                 | —     | —             | —                 |
|        | クロム(6価)( $mg/L$ )   | —             | 0.00              | —     | —     | —                 | —     | —             | —                 |
| 生活環境項目 | 砒素( $mg/L$ )        | —             | 0.00              | —     | —     | —                 | —     | —             | —                 |
|        | 総水銀( $mg/L$ )       | —             | 0.000             | —     | —     | —                 | —     | —             | —                 |
|        | PH                  | 7.3           | 7.4               | 7.3   | 7.3   | 7.3               | 7.3   | 7.3           | 7.3               |
|        | D O ( $mg/L$ )      | 7.6           | 7.8               | 8.0   | 8.0   | 7.5               | 7.3   | 7.3           | 7.0               |
|        | B O D ( $mg/L$ )    | 1.6           | 1.6               | 1.2   | 1.2   | 1.1               | 1.1   | 1.2           | 1.0               |
|        | C O D ( $mg/L$ )    | 4.8           | 4.9               | 4.4   | 4.6   | 4.4               | 4.3   | 4.5           | 4.3               |
|        | S ( $mg/L$ )        | 3.0           | 2.0               | 3.2   | 3.5   | 3.7               | 3.5   | 3.2           | 2.6               |
| 一般項目   | 大腸菌群数(MPN/100ml)    | —             | $4.6 \times 10^3$ | —     | —     | $1.7 \times 10^3$ | —     | —             | $3.3 \times 10^4$ |
|        | フェノール類( $mg/L$ )    | —             | 0.005             | —     | —     | —                 | —     | —             | —                 |
|        | 銅( $mg/L$ )         | —             | 0.00              | —     | —     | —                 | —     | —             | —                 |
|        | 亜鉛( $mg/L$ )        | —             | 0.01              | —     | —     | —                 | —     | —             | —                 |
|        | 溶解性鉄( $mg/L$ )      | —             | 0.00              | —     | —     | —                 | —     | —             | —                 |
|        | 溶解性マンガン( $mg/L$ )   | —             | 0.00              | —     | —     | —                 | —     | —             | —                 |
|        | クロム( $mg/L$ )       | —             | 0.00              | —     | —     | —                 | —     | —             | —                 |
|        | 弗素( $mg/L$ )        | —             | 0.17              | —     | —     | —                 | —     | —             | —                 |
|        | 塩素イオン( $mg/L$ )     | 18.0          | 16.0              | 17.0  | 15.5  | 16.0              | 15.5  | 16.5          | 16.0              |
|        | 全窒素( $mg/L$ )       | —             | 1.93              | —     | —     | —                 | —     | —             | —                 |
|        | アンモニア性窒素( $mg/L$ )  | —             | 0.00              | —     | —     | 0.00              | —     | —             | 0.00              |
|        | 硝酸性窒素( $mg/L$ )     | —             | 1.36              | —     | —     | 1.20              | —     | —             | 1.00              |
|        | リン酸イオン( $mg/L$ )    | —             | 0.01              | —     | —     | 0.01              | —     | —             | 0.00              |
|        | 総硬度( $mg/L$ )       | —             | 62.3              | —     | —     | —                 | —     | —             | —                 |
|        | 導電率( $\mu S/cm$ )   | 207.0         | 201.0             | 200.0 | 200.5 | 200.0             | 202.5 | 202.5         | 203.5             |
|        | A. B. S. ( $mg/L$ ) | —             | 0.00              | —     | —     | —                 | —     | —             | —                 |

| (2) 野 田 橋 |       |                   |       |       | (3) 流 山 橋     |                   |       |       |                   |       |
|-----------|-------|-------------------|-------|-------|---------------|-------------------|-------|-------|-------------------|-------|
| ＃         | ＃     | ＃                 | ＃     | ＃     | 8・20          | ＃                 | ＃     | ＃     | ＃                 | ＃     |
| 66.50     | 65.70 | 64.20             | 63.50 | 62.80 | 884.80        | 67.60             | 60.90 | 60.90 | 63.10             | 68.80 |
| ＃         | ＃     | ＃                 | ＃     | ＃     | ＃             | ＃                 | ＃     | ＃     | ＃                 | ＃     |
| くもり       | ＃     | ＃                 | ＃     | ＃     | ＃             | ＃                 | ＃     | ＃     | ＃                 | ＃     |
| 3:00      | 5:00  | 7:00              | 9:00  | 11:00 | 11:10         | 13:15             | 15:15 | 17:12 | 19:10             | 21:10 |
| 1.88      | 1.87  | 1.85              | 1.84  | 1.83  | 2.35          | 2.21              | 2.15  | 2.15  | 2.17              | 2.22  |
| 0.38      | 0.37  | 0.37              | 0.37  | 0.37  | 0.47          | 0.44              | 0.43  | 0.43  | 0.43              | 0.44  |
| ＃         | ＃     | ＃                 | ＃     | ＃     | 0.13<br>12.33 | ＃                 | ＃     | ＃     | ＃                 | ＃     |
| ＃         | ＃     | ＃                 | ＃     | ＃     | 6.16<br>18.43 | ＃                 | ＃     | ＃     | ＃                 | ＃     |
| 22.8      | 22.6  | 24.0              | 24.0  | 30.0  | 31.0          | 32.0              | 32.0  | 29.5  | 28.8              | 26.3  |
| 26.8      | 26.8  | 27.0              | 27.5  | 28.2  | 26.5          | 28.0              | 28.2  | 28.0  | 27.5              | 26.7  |
| —         | —     | —                 | —     | —     | —             | —                 | —     | —     | —                 | —     |
| —         | —     | —                 | —     | —     | —             | —                 | —     | —     | —                 | —     |
| —         | —     | 26.0              | 27.0  | 26.0  | 22.0          | 22.0              | 21.5  | 20.5  | —                 | —     |
| 0.89      | 0.88  | 0.86              | 0.85  | 0.84  | 1.88          | 1.74              | 1.68  | 1.68  | 1.70              | 1.75  |
| ＃         | ＃     | ＃                 | ＃     | ＃     | ＃             | ＃                 | ＃     | ＃     | ＃                 | ＃     |
| —         | —     | —                 | —     | —     | —             | 0.00              | —     | —     | —                 | —     |
| —         | —     | —                 | —     | —     | —             | —                 | —     | —     | —                 | —     |
| —         | —     | —                 | —     | —     | —             | 0.07              | —     | —     | —                 | —     |
| —         | —     | —                 | —     | —     | —             | 0.000             | —     | —     | —                 | —     |
| —         | —     | —                 | —     | —     | —             | 0.00              | —     | —     | —                 | —     |
| —         | —     | —                 | —     | —     | —             | 0.00              | —     | —     | —                 | —     |
| —         | —     | —                 | —     | —     | —             | 0.00              | —     | —     | —                 | —     |
| —         | —     | —                 | —     | —     | —             | 0.000             | —     | —     | —                 | —     |
| 7.2       | 7.2   | 7.2               | 7.2   | 7.2   | 7.2           | 7.3               | 7.3   | 7.2   | 7.2               | 7.2   |
| 7.0       | 6.8   | 6.7               | 6.9   | 7.1   | 7.6           | 7.4               | 7.8   | 7.7   | 7.5               | 7.2   |
| 1.0       | 1.0   | 1.0               | 1.7   | 1.2   | 1.2           | 1.9               | 1.3   | 1.5   | 1.1               | 1.3   |
| 4.3       | 7.3   | 4.6               | 5.1   | 4.6   | 4.7           | 6.1               | 3.5   | 3.4   | 3.8               | 3.3   |
| 3.1       | 3.0   | 2.5               | 2.7   | 3.8   | 3.7           | 3.9               | 2.7   | 2.8   | 2.2               | 3.7   |
| —         | —     | $4.9 \times 10^4$ | —     | —     | —             | $4.9 \times 10^3$ | —     | —     | $3.5 \times 10^5$ | —     |
| —         | —     | —                 | —     | —     | —             | 0.004             | —     | —     | —                 | —     |
| —         | —     | —                 | —     | —     | —             | 0.00              | —     | —     | —                 | —     |
| —         | —     | —                 | —     | —     | —             | 0.01              | —     | —     | —                 | —     |
| —         | —     | —                 | —     | —     | —             | 0.00              | —     | —     | —                 | —     |
| —         | —     | —                 | —     | —     | —             | 0.00              | —     | —     | —                 | —     |
| —         | —     | —                 | —     | —     | —             | 0.00              | —     | —     | —                 | —     |
| —         | —     | —                 | —     | —     | —             | 0.19              | —     | —     | —                 | —     |
| 18.0      | 16.0  | 17.0              | 16.0  | 18.0  | 18.0          | 18.0              | 17.5  | 17.0  | 18.0              | 17.0  |
| —         | —     | —                 | —     | —     | —             | 2.46              | —     | —     | —                 | —     |
| —         | —     | 0.00              | —     | —     | —             | 0.00              | —     | —     | 0.00              | —     |
| —         | —     | 0.84              | —     | —     | —             | 1.32              | —     | —     | 1.28              | —     |
| —         | —     | 0.00              | —     | —     | —             | 0.01              | —     | —     | 0.01              | —     |
| —         | —     | —                 | —     | —     | —             | 63.3              | —     | —     | —                 | —     |
| 205.5     | 206.5 | 208.5             | 211.0 | 211.5 | 203.0         | 204.0             | 203.0 | 205.5 | 200.5             | 200.5 |
| —         | —     | —                 | —     | —     | —             | 0.00              | —     | —     | —                 | —     |



| 調査地点   |                    | (4)新嘉橋 | (6)江戸川水門(上)   |               |                   |       |       |                   |       |
|--------|--------------------|--------|---------------|---------------|-------------------|-------|-------|-------------------|-------|
| 測定項目   |                    | 月・日    | 8・21          | 8・20          | "                 | "     | "     | "                 | "     |
| 現場測定項目 | 流量( $m^3/s$ )      |        | 28.60         | 204.34        | —                 | —     | —     | —                 | —     |
|        | 採取位置               |        | 流心部           | "             | "                 | "     | "     | "                 | "     |
|        | 天候                 |        | くもり           | "             | 晴                 | "     | "     | "                 | "     |
|        | 採取時刻(時分)           |        | 11:00         | 11:00         | 13:00             | 15:00 | 17:00 | 19:00             | 21:00 |
|        | 全水深(m)             |        | 3.65          | 3.35          | 3.04              | 3.29  | 3.43  | 3.56              | 3.68  |
|        | 採取水深(m)            |        | 0.73          | 0.67          | 0.61              | 0.66  | 0.69  | 0.71              | 0.74  |
|        | 干潮時刻(時分)           |        | 05:2<br>13:06 | 01:3<br>12:33 | "                 | "     | "     | "                 | "     |
|        | 満潮時刻(時分)           |        | 7:02<br>19:08 | 8:16<br>18:43 | "                 | "     | "     | "                 | "     |
|        | 気温(℃)              |        | 31.0          | 27.9          | 31.0              | 29.3  | 30.0  | 27.0              | 26.0  |
|        | 水温(℃)              |        | 28.5          | 26.5          | 27.0              | 27.0  | 27.0  | 25.0              | 26.0  |
|        | 水色                 |        | 相欠            | —             | —                 | —     | —     | —                 | —     |
|        | 臭気                 |        | 欠             | —             | —                 | —     | —     | —                 | —     |
|        | 透視度(cm)            |        | 24.0          | 23.0          | 18.0              | 20.0  | 18.0  | —                 | —     |
|        | 水位                 |        | 1.50          | 1.55          | 1.24              | 1.49  | 1.63  | 1.76              | 1.88  |
|        | 流向                 |        | 順流            | "             | 流速なし              | "     | "     | "                 | "     |
| 健康項目   | シアン( $mg/L$ )      |        | —             | —             | 0.00              | —     | —     | —                 | —     |
|        | アルキル水銀( $mg/L$ )   |        | —             | —             | —                 | —     | —     | —                 | —     |
|        | 有機燐( $mg/L$ )      |        | —             | —             | 0.00              | —     | —     | —                 | —     |
|        | カドミウム( $mg/L$ )    |        | —             | —             | 0.000             | —     | —     | —                 | —     |
|        | 鉛( $mg/L$ )        |        | —             | —             | 0.01              | —     | —     | —                 | —     |
|        | クロム(6価)( $mg/L$ )  |        | —             | —             | 0.00              | —     | —     | —                 | —     |
|        | 砒素( $mg/L$ )       |        | —             | —             | 0.00              | —     | —     | —                 | —     |
| 生活環境項目 | 総水銀( $mg/L$ )      |        | —             | —             | 0.000             | —     | —     | —                 | —     |
|        | PH                 |        | 7.1           | 7.3           | 7.2               | 7.1   | 7.0   | 7.0               | 7.0   |
|        | D O( $mg/L$ )      |        | 6.5           | 6.9           | 6.4               | 7.0   | 6.0   | 5.7               | 5.7   |
|        | B O D( $mg/L$ )    |        | 1.5           | 1.4           | 1.9               | 1.9   | 1.3   | 1.5               | 1.4   |
|        | C O D( $mg/L$ )    |        | 3.5           | 3.2           | 4.1               | 3.7   | 3.3   | 3.4               | 3.2   |
|        | S S( $mg/L$ )      |        | 14            | 19            | 36                | 16    | 14    | 14                | 36    |
| 一般項目   | 大腸菌群数(MPN/100mL)   |        | —             | —             | $1.1 \times 10^5$ | —     | —     | $1.7 \times 10^4$ | —     |
|        | フェノール類( $mg/L$ )   |        | —             | —             | 0.004             | —     | —     | —                 | —     |
|        | 銅( $mg/L$ )        |        | —             | —             | 0.01              | —     | —     | —                 | —     |
|        | 亜鉛( $mg/L$ )       |        | —             | —             | 0.02              | —     | —     | —                 | —     |
|        | 溶解性鉄( $mg/L$ )     |        | —             | —             | 0.00              | —     | —     | —                 | —     |
|        | 溶解性マンガン( $mg/L$ )  |        | —             | —             | 0.00              | —     | —     | —                 | —     |
|        | クロム( $mg/L$ )      |        | —             | —             | 0.00              | —     | —     | —                 | —     |
|        | 弗素( $mg/L$ )       |        | —             | —             | 0.18              | —     | —     | —                 | —     |
|        | 塩素イオン( $mg/L$ )    |        | 20.6          | 222.0         | 74.7              | 41.2  | 76.8  | 93.8              | 97.4  |
|        | 全窒素( $mg/L$ )      |        | —             | —             | 2.35              | —     | —     | —                 | —     |
|        | アンモニア性窒素( $mg/L$ ) |        | —             | —             | 0.09              | —     | —     | 0.12              | —     |
|        | 硝酸性窒素( $mg/L$ )    |        | —             | —             | 1.64              | —     | —     | 1.24              | —     |
|        | リン酸イオン( $mg/L$ )   |        | —             | —             | 0.01              | —     | —     | 0.00              | —     |
|        | 総硬度( $mg/L$ )      |        | —             | —             | 77.9              | —     | —     | —                 | —     |
|        | 導電率( $\mu S/cm$ )  |        | 214.5         | 897.5         | 426.5             | 285.5 | 425.5 | 487.0             | 489.5 |
|        | A. B. S.( $mg/L$ ) |        | —             | —             | 0.00              | —     | —     | —                 | —     |

| (6)江戸川水門(上)       |       |       |                   |       |       | (7)浦安橋       |                   |        |         |                   |
|-------------------|-------|-------|-------------------|-------|-------|--------------|-------------------|--------|---------|-------------------|
| 8・21              | "     | "     | "                 | "     | "     | 8・20         | "                 | "      | "       | "                 |
| 211.66            | 67.20 | —     | —                 | —     | —     | 4196.7       | 45.50             | 227.77 | 238.62  | —                 |
| "                 | "     | "     | "                 | "     | "     | "            | "                 | "      | "       | "                 |
| "                 | "     | くもり   | "                 | "     | "     | 晴            | "                 | "      | "       | "                 |
| 1:00              | 3:00  | 5:00  | 7:00              | 9:00  | 11:00 | 11:00        | 13:00             | 15:00  | 17:00   | 19:00             |
| 3.47              | 3.20  | 3.36  | 3.50              | 3.60  | 3.70  | 3.40         | 2.94              | 3.56   | 4.46    | 4.77              |
| 0.69              | 0.64  | 0.67  | 0.70              | 0.72  | 0.74  | 0.68         | 0.59              | 0.71   | 0.89    | 0.95              |
| 052<br>13.06      | "     | "     | "                 | "     | "     | 013<br>12.33 | "                 | "      | "       | "                 |
| 702<br>19.08      | "     | "     | "                 | "     | "     | 616<br>18.43 | "                 | "      | "       | "                 |
| 25.0              | 25.0  | 24.7  | 26.0              | 26.0  | 29.0  | 31.0         | 33.5              | 33.0   | 31.0    | 28.0              |
| 26.0              | 27.0  | 26.8  | 27.0              | 27.5  | 28.5  | 27.0         | 28.0              | 27.5   | 27.0    | 26.0              |
| —                 | —     | —     | —                 | —     | —     | —            | —                 | —      | —       | —                 |
| —                 | —     | —     | —                 | —     | —     | —            | —                 | —      | —       | —                 |
| —                 | —     | —     | 23.0              | 20.0  | 21.0  | 21.0         | 20.0              | 20.0   | 21.0    | —                 |
| 1.67              | 1.40  | 1.56  | 1.70              | 1.80  | 1.90  | 0.90         | 0.44              | 1.06   | 1.96    | 2.27              |
| 順流                | "     | 流速なし  | "                 | "     | "     | 順流           | "                 | 逆流     | "       | 流速なし              |
| —                 | —     | —     | —                 | —     | —     | —            | 0.00              | —      | —       | —                 |
| —                 | —     | —     | —                 | —     | —     | —            | —                 | —      | —       | —                 |
| —                 | —     | —     | —                 | —     | —     | —            | 0.00              | —      | —       | —                 |
| —                 | —     | —     | —                 | —     | —     | —            | 0.000             | —      | —       | —                 |
| —                 | —     | —     | —                 | —     | —     | —            | 0.02              | —      | —       | —                 |
| —                 | —     | —     | —                 | —     | —     | —            | 0.00              | —      | —       | —                 |
| —                 | —     | —     | —                 | —     | —     | —            | 0.00              | —      | —       | —                 |
| —                 | —     | —     | —                 | —     | —     | —            | 0.000             | —      | —       | —                 |
| 7.0               | 7.0   | 7.0   | 7.0               | 7.1   | 7.1   | 7.1          | 7.1               | 7.1    | 7.3     | 7.4               |
| 5.8               | 5.7   | 5.5   | 5.9               | 6.2   | 6.9   | 5.9          | 5.3               | 4.9    | 5.4     | 6.0               |
| 1.5               | 2.0   | 1.8   | 2.7               | 3.7   | 2.7   | 1.9          | 1.8               | 1.7    | 2.3     | 2.7               |
| 3.6               | 3.8   | 3.6   | 4.2               | 5.0   | 4.2   | 5.3          | 5.0               | 4.3    | 4.6     | 5.1               |
| 18                | 17    | 10    | 17                | 23    | 12    | 35           | 14                | 16     | 29      | 13                |
| $1.1 \times 10^5$ | —     | —     | $2.4 \times 10^5$ | —     | —     | —            | $3.5 \times 10^5$ | —      | —       | $3.3 \times 10^4$ |
| —                 | —     | —     | —                 | —     | —     | —            | 0.004             | —      | —       | —                 |
| —                 | —     | —     | —                 | —     | —     | —            | 0.01              | —      | —       | —                 |
| —                 | —     | —     | —                 | —     | —     | —            | 0.02              | —      | —       | —                 |
| —                 | —     | —     | —                 | —     | —     | —            | 0.00              | —      | —       | —                 |
| —                 | —     | —     | —                 | —     | —     | —            | 0.08              | —      | —       | —                 |
| —                 | —     | —     | —                 | —     | —     | —            | 0.00              | —      | —       | —                 |
| —                 | —     | —     | —                 | —     | —     | —            | 0.33              | —      | —       | —                 |
| 59.3              | 76.8  | 61.3  | 67.0              | 64.4  | 66.0  | 1700.0       | 2090.0            | 3170.0 | 6110.0  | 6160.0            |
| —                 | —     | —     | —                 | —     | —     | —            | 1.37              | —      | —       | —                 |
| 0.09              | —     | —     | 0.17              | —     | —     | —            | 0.35              | —      | —       | 0.47              |
| 1.60              | —     | —     | 1.48              | —     | —     | —            | 1.16              | —      | —       | 1.12              |
| 0.00              | —     | —     | 0.00              | —     | —     | —            | 0.01              | —      | —       | 0.00              |
| —                 | —     | —     | —                 | —     | —     | —            | 708.2             | —      | —       | —                 |
| 359.0             | 430.0 | 369.5 | 396.5             | 370.5 | 387.5 | 5685.0       | 6800.0            | 9985.0 | 18300.0 | 18350.0           |
| —                 | —     | —     | —                 | —     | —     | —            | 0.00              | —      | —       | —                 |



| 調査地点       |                   |               | (2) 野田橋 |               | (3) 流 山 橋           |       |       |                     |       |   |
|------------|-------------------|---------------|---------|---------------|---------------------|-------|-------|---------------------|-------|---|
| 測定項目       |                   |               | 12・12   | 〃             | 12・11               | 〃     | 〃     | 〃                   | 〃     | 〃 |
| 現場測定項目     | 流量 (ml/s)         | 51.23         | 52.39   | 53.48         | 50.26               | 54.42 | 51.24 | 55.42               | 53.37 |   |
|            | 採取位置              | 流心部           | 〃       | 〃             | 〃                   | 〃     | 〃     | 〃                   | 〃     |   |
|            | 採取時刻(時:分)         | 9:22          | 11:22   | 11:00         | 13:15               | 15:10 | 17:10 | 19:10               | 21:10 |   |
|            | 全水深 (m)           | 1.68          | 1.68    | 1.90          | 1.92                | 1.96  | 2.01  | 2.02                | 1.93  |   |
|            | 採取水深 (m)          | 0.34          | 0.34    | 0.38          | 0.38                | 0.39  | 0.40  | 0.40                | 0.39  |   |
|            | 干潮時刻(時:分)         | 9:49<br>22:18 | 〃       | 9:00<br>21:41 | 〃                   | 〃     | 〃     | 〃                   | 〃     |   |
|            | 満潮時刻(時:分)         | 4:42<br>15:08 | 〃       | 3:57<br>14:26 | 〃                   | 〃     | 〃     | 〃                   | 〃     |   |
|            | 気温 (℃)            | 7.5           | 12.0    | 11.7          | 10.0                | 9.0   | 8.0   | 7.0                 | 5.8   |   |
|            | 水温 (℃)            | 6.5           | 6.6     | 7.0           | 7.0                 | 7.0   | 7.0   | 7.0                 | 7.0   |   |
|            | 水色                | 相無色           | 〃       | 〃             | 〃                   | 〃     | 〃     | 〃                   | 〃     |   |
|            | 臭                 | 氣無臭           | 〃       | 〃             | 〃                   | 〃     | 〃     | 〃                   | 〃     |   |
|            | 透視度 (cm)          | 26.0          | 26.0    | 28.0          | 28.0                | 27.0  | —     | —                   | —     |   |
| 水位         | 0.72              | 0.72          | 1.61    | 1.63          | 1.67                | 1.72  | 1.73  | 1.64                |       |   |
| 流向         | 順流                | 〃             | 〃       | 〃             | 〃                   | 〃     | 〃     | 〃                   |       |   |
| 健康項目       | シアン (mg/L)        | —             | —       | —             | 0.00                | —     | —     | —                   | —     |   |
|            | アルキル水銀 (mg/L)     | —             | —       | —             | —                   | —     | —     | —                   | —     |   |
|            | 有機燐 (mg/L)        | —             | —       | —             | 0.00                | —     | —     | —                   | —     |   |
|            | カドミウム (mg/L)      | —             | —       | —             | 0.000               | —     | —     | —                   | —     |   |
|            | 鉛 (mg/L)          | —             | —       | —             | 0.00                | —     | —     | —                   | —     |   |
|            | クロム (6価) (mg/L)   | —             | —       | —             | 0.00                | —     | —     | —                   | —     |   |
|            | 砒素 (mg/L)         | —             | —       | —             | 0.00                | —     | —     | —                   | —     |   |
| 総水銀 (mg/L) | —                 | —             | —       | 0.000         | —                   | —     | —     | —                   |       |   |
| 生活環境項目     | PH                | 6.8           | 6.8     | 6.9           | 6.9                 | 6.9   | 6.9   | 6.9                 | 6.9   |   |
|            | D O (mg/L)        | 11.1          | 11.2    | 11.5          | 11.5                | 11.5  | 11.4  | 11.2                | 11.1  |   |
|            | B O D (mg/L)      | 1.6           | 1.5     | 1.1           | 1.4                 | 1.3   | 1.6   | 2.1                 | 2.0   |   |
|            | C O D (mg/L)      | 2.2           | 2.4     | 2.7           | 2.7                 | 3.1   | 2.7   | 2.6                 | 2.5   |   |
|            | S S (mg/L)        | 13            | 15      | 7             | 12                  | 7     | 19    | 20                  | 17    |   |
|            | 大腸菌群数 (MPN/100ml) | —             | —       | —             | 7.9×10 <sup>3</sup> | —     | —     | 4.9×10 <sup>3</sup> | —     |   |
| 一般項目       | フェノール類 (mg/L)     | —             | —       | —             | 0.012               | —     | —     | —                   | —     |   |
|            | 銅 (mg/L)          | —             | —       | —             | 0.00                | —     | —     | —                   | —     |   |
|            | 亜鉛 (mg/L)         | —             | —       | —             | 0.03                | —     | —     | —                   | —     |   |
|            | 溶解性鉄 (mg/L)       | —             | —       | —             | 0.00                | —     | —     | —                   | —     |   |
|            | 溶解性マンガン (mg/L)    | —             | —       | —             | 0.05                | —     | —     | —                   | —     |   |
|            | クロム (mg/L)        | —             | —       | —             | 0.00                | —     | —     | —                   | —     |   |
|            | 弗素 (mg/L)         | —             | —       | —             | 0.15                | —     | —     | —                   | —     |   |
|            | 塩素イオン (mg/L)      | 20.6          | 19.6    | 20.6          | 20.6                | 21.7  | 19.6  | 18.6                | 20.6  |   |
|            | 全窒素 (mg/L)        | —             | —       | —             | 1.05                | —     | —     | —                   | —     |   |
|            | アンモニア性窒素 (mg/L)   | —             | —       | —             | 0.17                | —     | —     | 0.17                | —     |   |
|            | 硝酸性窒素 (mg/L)      | —             | —       | —             | 1.16                | —     | —     | 1.80                | —     |   |
|            | リン酸イオン (mg/L)     | —             | —       | —             | 0.03                | —     | —     | 0.04                | —     |   |
|            | 総硬度 (mg/L)        | —             | —       | —             | 89.7                | —     | —     | —                   | —     |   |
|            | 導電率 (μ/cm)        | 254.5         | 255.5   | 253.0         | 254.5               | 255.0 | 250.0 | 250.0               | 252.5 |   |
|            | A. B. S. (mg/L)   | —             | —       | —             | 0.19                | —     | —     | —                   | —     |   |

| (3) 流 山 橋 |                     |       |       |                     |       |       | (4) 新 葛 飾 橋   |                     |       |       |
|-----------|---------------------|-------|-------|---------------------|-------|-------|---------------|---------------------|-------|-------|
| #         | 12・12               | #     | #     | #                   | #     | #     | 12・11         | #                   | #     | #     |
| 54.38     | 54.47               | 54.55 | 56.42 | 55.54               | 53.74 | 53.91 | 19.94         | 13.48               | 20.87 | 15.57 |
| "         | "                   | "     | "     | "                   | "     | "     | "             | "                   | "     | "     |
| "         | "                   | 晴     | "     | "                   | "     | "     | くもり           | "                   | "     | "     |
| 23:11     | 1:16                | 3:10  | 5:10  | 7:10                | 9:10  | 11:10 | 11:00         | 13:00               | 15:00 | 17:00 |
| 1.88      | 1.92                | 1.96  | 2.00  | 2.05                | 2.01  | 1.92  | 2.90          | 2.97                | 3.07  | 3.15  |
| 0.38      | 0.38                | 0.39  | 0.40  | 0.41                | 0.40  | 0.38  | 0.58          | 0.59                | 0.61  | 0.63  |
| "         | 9.49<br>22.18       | "     | "     | "                   | "     | "     | 9.00<br>21.41 | "                   | "     | "     |
| "         | 4.42<br>15.08       | "     | "     | "                   | "     | "     | 3.57<br>14.26 | "                   | "     | "     |
| 5.5       | 3.0                 | 0.8   | —1.5  | 0.5                 | 8.0   | 10.0  | 9.8           | 9.2                 | 8.5   | 8.6   |
| 6.8       | 6.0                 | 6.0   | 6.0   | 5.5                 | 7.0   | 7.2   | 7.5           | 8.0                 | 8.5   | 8.7   |
| "         | "                   | "     | "     | "                   | "     | "     | "             | "                   | "     | "     |
| "         | "                   | "     | "     | "                   | "     | "     | "             | "                   | "     | "     |
| —         | —                   | —     | —     | 26.0                | 26.0  | 27.0  | 25.0          | 24.5                | 21.0  | —     |
| 1.59      | 1.63                | 1.67  | 1.71  | 1.76                | 1.72  | 1.63  | 1.35          | 1.42                | 1.52  | 1.60  |
| "         | "                   | "     | "     | "                   | "     | "     | "             | "                   | "     | "     |
| —         | —                   | —     | —     | —                   | —     | —     | —             | 0.00                | —     | —     |
| —         | —                   | —     | —     | —                   | —     | —     | —             | —                   | —     | —     |
| —         | —                   | —     | —     | —                   | —     | —     | —             | 0.00                | —     | —     |
| —         | —                   | —     | —     | —                   | —     | —     | —             | 0.000               | —     | —     |
| —         | —                   | —     | —     | —                   | —     | —     | —             | 0.06                | —     | —     |
| —         | —                   | —     | —     | —                   | —     | —     | —             | 0.00                | —     | —     |
| —         | —                   | —     | —     | —                   | —     | —     | —             | 0.00                | —     | —     |
| —         | —                   | —     | —     | —                   | —     | —     | —             | 0.000               | —     | —     |
| 6.8       | 6.8                 | 6.8   | 6.8   | 6.8                 | 6.9   | 6.9   | 6.8           | 6.8                 | 6.9   | 6.9   |
| 10.9      | 10.8                | 10.7  | 11.3  | 10.9                | 11.0  | 11.0  | 10.9          | 11.0                | 10.8  | 11.0  |
| 1.5       | 2.0                 | 3.1   | 1.4   | 1.5                 | 2.0   | 2.5   | 1.8           | 1.8                 | 1.9   | 2.2   |
| 2.4       | 2.6                 | 3.6   | 2.4   | 2.8                 | 2.8   | 3.4   | 3.9           | 3.8                 | 4.0   | 2.7   |
| 1.4       | 1.4                 | 1.6   | 1.4   | 1.4                 | 1.4   | 1.6   | 1.0           | 4                   | 7     | 1.1   |
| —         | 1.1×10 <sup>4</sup> | —     | —     | 1.7×10 <sup>4</sup> | —     | —     | —             | 2.2×10 <sup>4</sup> | —     | —     |
| —         | —                   | —     | —     | —                   | —     | —     | —             | 0.012               | —     | —     |
| —         | —                   | —     | —     | —                   | —     | —     | —             | 0.02                | —     | —     |
| —         | —                   | —     | —     | —                   | —     | —     | —             | 0.04                | —     | —     |
| —         | —                   | —     | —     | —                   | —     | —     | —             | 0.06                | —     | —     |
| —         | —                   | —     | —     | —                   | —     | —     | —             | 0.02                | —     | —     |
| —         | —                   | —     | —     | —                   | —     | —     | —             | 0.00                | —     | —     |
| —         | —                   | —     | —     | —                   | —     | —     | —             | 0.21                | —     | —     |
| 21.7      | 19.6                | 18.6  | 20.6  | 22.2                | 21.7  | 20.6  | 20.6          | 21.7                | 23.7  | 22.2  |
| —         | —                   | —     | —     | —                   | —     | —     | —             | 0.90                | —     | —     |
| —         | 0.21                | —     | —     | 0.21                | —     | —     | —             | 0.25                | —     | —     |
| —         | 2.00                | —     | —     | 2.00                | —     | —     | —             | 1.40                | —     | —     |
| —         | 0.02                | —     | —     | 0.05                | —     | —     | —             | 0.06                | —     | —     |
| —         | —                   | —     | —     | —                   | —     | —     | —             | 88.3                | —     | —     |
| 251.0     | 256.5               | 257.0 | 245.5 | 254.5               | 255.5 | 261.0 | 265.0         | 254.5               | 259.0 | 255.5 |
| —         | —                   | —     | —     | —                   | —     | —     | —             | 0.10                | —     | —     |



| 調査地点   |                     | (6) 江戸川水門(上)      |        |       | (7) 浦安橋       |                   |         |        |                   |
|--------|---------------------|-------------------|--------|-------|---------------|-------------------|---------|--------|-------------------|
| 測定項目   | 月・日                 | 12・12             | "      | "     | 12・11         | "                 | "       | "      | "                 |
| 現場測定項目 | 流量( $m^3/s$ )       | 80.20             | 130.98 | 0.0   | 143.77        | 114.38            | 99.21   | 203.30 | 372.99            |
|        | 採取位置                | 流心部               | "      | "     | "             | "                 | "       | "      | "                 |
|        | 天候                  | 晴                 | "      | "     | くもり           | "                 | "       | "      | "                 |
|        | 採取時刻(時:分)           | 7:00              | 9:00   | 11:00 | 11:00         | 13:00             | 15:00   | 17:00  | 19:00             |
|        | 全水深(m)              | 4.00              | 3.45   | 4.55  | 4.30          | 4.70              | 4.80    | 4.49   | 3.84              |
|        | 採取水深(m)             | 0.80              | 0.69   | 0.91  | 0.86          | 0.94              | 0.96    | 0.90   | 0.77              |
|        | 干潮時刻(時:分)           | 9.49<br>22.18     | "      | "     | 9.00<br>21.41 | "                 | "       | "      | "                 |
|        | 満潮時刻(時:分)           | 4.42<br>15.08     | "      | "     | 3.57<br>14.26 | "                 | "       | "      | "                 |
|        | 気温(℃)               | 2.0               | 7.0    | 9.0   | 9.8           | 9.8               | 9.0     | 8.8    | 8.7               |
|        | 水温(℃)               | 5.6               | 6.2    | 7.2   | 9.0           | 9.5               | 9.2     | 7.8    | 8.0               |
|        | 色相                  | 無色                | "      | "     | "             | "                 | "       | "      | "                 |
|        | 臭気                  | 無臭                | "      | "     | "             | "                 | "       | 植物臭    | "                 |
|        | 透視度(cm)             | 30.0              | 30.0   | 30.0  | 30.0          | 30.0              | 30.0    | —      | —                 |
|        | 水位                  | 1.93              | 1.74   | 1.72  | 0.96          | 1.36              | 1.46    | 1.15   | 0.50              |
|        | 流向                  | 順流                | "      | 流速なし  | 逆流            | "                 | 順流      | "      | "                 |
| 健康項目   | シアン( $mg/L$ )       | —                 | —      | —     | —             | 0.00              | —       | —      | —                 |
|        | アルキル水銀( $mg/L$ )    | —                 | —      | —     | —             | —                 | —       | —      | —                 |
|        | 有機機燐( $mg/L$ )      | —                 | —      | —     | —             | 0.00              | —       | —      | —                 |
|        | カドミウム( $mg/L$ )     | —                 | —      | —     | —             | 0.000             | —       | —      | —                 |
|        | 鉛( $mg/L$ )         | —                 | —      | —     | —             | 0.04              | —       | —      | —                 |
|        | クロム(6価)( $mg/L$ )   | —                 | —      | —     | —             | 0.00              | —       | —      | —                 |
|        | 砒素( $mg/L$ )        | —                 | —      | —     | —             | 0.00              | —       | —      | —                 |
| 生活環境項目 | 総水銀( $mg/L$ )       | —                 | —      | —     | —             | 0.000             | —       | —      | —                 |
|        | PH                  | 6.9               | 6.9    | 6.9   | 7.6           | 7.5               | 7.4     | 7.0    | 7.1               |
|        | D O ( $mg/L$ )      | 10.1              | 9.9    | 10.4  | 6.3           | 6.1               | 6.5     | 8.3    | 7.3               |
|        | B O D ( $mg/L$ )    | 3.5               | 3.3    | 3.8   | 2.5           | 2.4               | 2.8     | 3.4    | 3.4               |
|        | C O D ( $mg/L$ )    | 4.8               | 4.0    | 5.1   | 6.9           | 6.8               | 8.3     | 6.8    | 6.9               |
|        | S ( $mg/L$ )        | 1.5               | 1.8    | 1.7   | 5             | 6                 | 2.3     | 5.9    | 3.3               |
|        | 大腸菌群数(MPN/100mL)    | $4.6 \times 10^4$ | —      | —     | —             | $4.9 \times 10^4$ | —       | —      | $3.5 \times 10^5$ |
| 一般項目   | フェノール類( $mg/L$ )    | —                 | —      | —     | —             | 0.009             | —       | —      | —                 |
|        | 銅( $mg/L$ )         | —                 | —      | —     | —             | 0.01              | —       | —      | —                 |
|        | 亜鉛( $mg/L$ )        | —                 | —      | —     | —             | 0.04              | —       | —      | —                 |
|        | 溶解性鉄( $mg/L$ )      | —                 | —      | —     | —             | 0.03              | —       | —      | —                 |
|        | 溶解性マンガン( $mg/L$ )   | —                 | —      | —     | —             | 0.05              | —       | —      | —                 |
|        | クロム( $mg/L$ )       | —                 | —      | —     | —             | 0.00              | —       | —      | —                 |
|        | 弗素( $mg/L$ )        | —                 | —      | —     | —             | 0.74              | —       | —      | —                 |
|        | 塩素イオン( $mg/L$ )     | 36.1              | 27.8   | 30.9  | 6890.0        | 9070.0            | 7580.0  | 3070.0 | 4480.0            |
|        | 全窒素( $mg/L$ )       | —                 | —      | —     | —             | 1.10              | —       | —      | —                 |
|        | アンモニア性窒素( $mg/L$ )  | 0.51              | —      | —     | —             | 0.69              | —       | —      | 0.76              |
|        | 硝酸性窒素( $mg/L$ )     | 2.00              | —      | —     | —             | 0.76              | —       | —      | 1.52              |
|        | リン酸イオン( $mg/L$ )    | 0.11              | —      | —     | —             | 0.09              | —       | —      | 0.09              |
|        | 総硬度( $mg/L$ )       | —                 | —      | —     | —             | 3633.9            | —       | —      | —                 |
|        | 導電率( $\mu S/cm$ )   | 312.5             | 290.0  | 289.0 | 22600.0       | 28350.0           | 24200.0 | 9955.0 | 14450.0           |
|        | A. B. S. ( $mg/L$ ) | —                 | —      | —     | —             | 0.29              | —       | —      | —                 |

| (7) 浦安橋 |         |                  |         |         |                   |         |         |
|---------|---------|------------------|---------|---------|-------------------|---------|---------|
| "       | "       | 12・12            | "       | "       | "                 | "       | "       |
| 268.17  | 30.60   | 139.91           | 138.35  | 0.0     | 232.50            | 264.78  | 106.79  |
| "       | "       | "                | "       | "       | "                 | "       | "       |
| "       | "       | —                | "       | "       | "                 | "       | "       |
| 21:00   | 23:00   | 1:00             | 3:00    | 5:00    | 7:00              | 9:00    | 11:00   |
| 3.24    | 3.42    | 4.02             | 4.59    | 4.82    | 4.56              | 4.13    | 4.16    |
| 0.65    | 0.68    | 0.80             | 0.92    | 0.96    | 0.91              | 0.83    | 0.83    |
| "       | "       | 9.49<br>22.18    | "       | "       | "                 | "       | "       |
| "       | "       | 4.42<br>15.08    | "       | "       | "                 | "       | "       |
| 8.5     | 8.0     | 7.0              | 6.0     | 3.5     | 2.6               | 8.2     | 9.5     |
| 8.2     | 8.2     | 8.0              | 8.0     | 8.0     | 6.0               | 7.5     | 8.0     |
| "       | "       | "                | "       | "       | "                 | "       | "       |
| "       | "       | 無臭               | "       | "       | 植物臭               | "       | "       |
| —       | —       | —                | —       | —       | 30.0              | 30.0    | 30.0    |
| 0.10    | 0.08    | 0.68             | 1.25    | 1.48    | 1.22              | 0.79    | 0.82    |
| "       | 逆流      | "                | "       | 流速なし    | 順流                | "       | 逆流      |
| —       | —       | —                | —       | —       | —                 | —       | —       |
| —       | —       | —                | —       | —       | —                 | —       | —       |
| —       | —       | —                | —       | —       | —                 | —       | —       |
| —       | —       | —                | —       | —       | —                 | —       | —       |
| —       | —       | —                | —       | —       | —                 | —       | —       |
| —       | —       | —                | —       | —       | —                 | —       | —       |
| —       | —       | —                | —       | —       | —                 | —       | —       |
| 7.0     | 7.0     | 7.1              | 7.2     | 7.1     | 7.2               | 7.1     | 7.2     |
| 5.9     | 5.9     | 5.3              | 5.7     | 5.7     | 8.1               | 7.0     | 6.6     |
| 5.0     | 3.9     | 3.5              | 2.9     | 2.9     | 4.8               | 4.3     | 3.5     |
| 8.8     | 6.4     | 5.7              | 5.7     | 4.7     | 6.7               | 6.4     | 5.7     |
| 71      | 22      | 22               | 44      | 20      | 18                | 40      | 35      |
| —       | —       | $18 \times 10^4$ | —       | —       | $2.4 \times 10^4$ | —       | —       |
| —       | —       | —                | —       | —       | —                 | —       | —       |
| —       | —       | —                | —       | —       | —                 | —       | —       |
| —       | —       | —                | —       | —       | —                 | —       | —       |
| —       | —       | —                | —       | —       | —                 | —       | —       |
| —       | —       | —                | —       | —       | —                 | —       | —       |
| —       | —       | —                | —       | —       | —                 | —       | —       |
| 6190.0  | 5830.0  | 9030.0           | 8450.0  | 8250.0  | 3180.0            | 4330.0  | 5310.0  |
| —       | —       | —                | —       | —       | —                 | —       | —       |
| —       | —       | 0.76             | —       | —       | 0.73              | —       | —       |
| —       | —       | 1.16             | —       | —       | 1.64              | —       | —       |
| —       | —       | 0.12             | —       | —       | 0.15              | —       | —       |
| —       | —       | —                | —       | —       | —                 | —       | —       |
| 17700.0 | 18700.0 | 28100.0          | 26900.0 | 26300.0 | 10050.0           | 14200.0 | 17200.0 |
| —       | —       | —                | —       | —       | —                 | —       | —       |