

**Results of Radioactive Material Monitoring of Aquatic Organisms (Location N along the Ukedo River)**

<Location N along the Ukedo River: Samples collected>

| Locations | General items |          | Radioactive materials |            |               |               |
|-----------|---------------|----------|-----------------------|------------|---------------|---------------|
|           | Water         | Sediment | Water (Cs)            | Water (Sr) | Sediment (Cs) | Sediment (Sr) |
| N-1       | ○             | ○        | ○                     | ○          | ○             | ○             |
| N-2       | ○             | ○        | ○                     | -          | ○             | -             |
| N-3       | ○             | ○        | ○                     | -          | ○             | -             |

<Location N along the Ukedo River: Site measurement item>

| Locations | Latitude and longitude of the location |           | Survey date and time |              |                 | Water                         | Sediment                         |             |         |              | Other           |                   |
|-----------|--|-----------|----------------------|--------------|-----------------|-------------------------------|----------------------------------|-------------|---------|--------------|-----------------|-------------------|
|           | Latitude                               | Longitude | Date                 | Time (water) | Time (sediment) | Water temperature (degrees C) | Sediment temperature (degrees C) | Property    | Color   | Contaminants | Water depth (m) | Transparency (cm) |
| N-1       | 37.4998°                               | 140.9835° | 2024/6/26            | 08:30        | 08:35           | 22.0                          | 22.0                             | Sand gravel | 7.5Y6/2 | Plant pieces | 0.33            | >50               |
| N-2       | 37.5070°                               | 140.9456° |                      | 12:40        | 12:45           | 22.5                          | 22.4                             | Sand gravel | 7.5Y6/3 | None         | 0.43            | >50               |
| N-3       | 37.4754°                               | 140.9598° |                      | 15:30        | 15:35           | 22.7                          | 22.7                             | Sand        | 7.5Y6/3 | Plant pieces | 0.53            | >50               |

<Location N along the Ukedo River: General survey items/Analysis of radioactive materials Water>

| Locations | Latitude and longitude of the location |           | Survey date and time |              | pH  | BOD (mg/L) | COD (mg/L) | DO (mg/L) | Electric conductivity (mS/m) | Salinity | TOC (mg/L) | SS (mg/L) | Turbidity (FNU) | Cs-134 (Bq/L) | Cs-137 (Bq/L) | Sr-90 (Bq/L) |
|-----------|--|-----------|----------------------|--------------|-----|------------|------------|-----------|------------------------------|----------|------------|-----------|-----------------|---------------|---------------|--------------|
|           | Latitude                               | Longitude | Date                 | Time (water) |     |            |            |           |                              |          |            |           |                 |               |               |              |
| N-1       | 37.4998°                               | 140.9835° | 2024/6/26            | 08:30        | 6.9 | 1.0        | 2.4        | 10.0      | 10.2                         | 0.05     | 1.1        | 2         | 1.8             | N.D.(0.0017)  | 0.085         | 0.0024       |
| N-2       | 37.5070°                               | 140.9456° |                      | 12:40        | 7.3 | 0.6        | 1.7        | 10.1      | 7.4                          | 0.04     | 0.8        | <1        | 0.5             | N.D.(0.0015)  | 0.060         | -            |
| N-3       | 37.4754°                               | 140.9598° |                      | 15:30        | 7.5 | 0.6        | 2.1        | 9.1       | 8.3                          | 0.05     | 0.8        | 2         | 1.0             | N.D.(0.0016)  | 0.024         | -            |

Note) N.D. means to be below the detection limit and figures in parentheses show the detection limit.

<Location N along the Ukedo River: General survey items/Analysis of radioactive materials Sediment>

| Locations | Latitude and longitude of the location |           | Survey date and time |                 | pH  | Redox potential E <sub>NHLE</sub> (mV) | Water content (%) | IL (%) | TOC (mg/g-dry) | Soil particle density (g/cm <sup>3</sup> ) | Grain size distribution |                            |                               |                              |                          |                              | Cs-134 (Bq/kg-dry) | Cs-137 (Bq/kg-dry) | Sr-90 (Bq/kg-dry) |                            |
|-----------|--|-----------|----------------------|-----------------|-----|--|-------------------|--------|----------------|--|-------------------------|----------------------------|-------------------------------|------------------------------|--------------------------|------------------------------|--------------------|--------------------|-------------------|----------------------------|
|           | Latitude                               | Longitude | Date                 | Time (sediment) |     |  |                   |        |                |  | Gravel (2-75mm) (%)     | Coarse sand (0.85-2mm) (%) | Medium sand (0.25-0.85mm) (%) | Fine sand (0.075-0.25mm) (%) | Silt (0.005-0.075mm) (%) | Clay (Less than 0.005mm) (%) |                    |                    |                   | Median grain diameter (mm) |
| N-1       | 37.4998°                               | 140.9835° | 2024/6/26            | 08:35           | 6.9 | 334                                    | 21.1              | 1.0    | 1.3            | 2.650                                      | 21.8                    | 23.5                       | 47.0                          | 6.8                          | 0.9                      | 0.77                         | 19                 | 32                 | 1900              | N.D.(0.13)                 |
| N-2       | 37.5070°                               | 140.9456° |                      | 12:45           | 7.3 | 510                                    | 21.6              | 0.8    | 0.4            | 2.630                                      | 23.6                    | 41.7                       | 32.8                          | 0.9                          | 1.0                      | 1.2                          | 9.5                | 30                 | 2000              | -                          |
| N-3       | 37.4754°                               | 140.9598° |                      | 15:35           | 7.2 | 520                                    | 25.9              | 1.0    | 0.6            | 2.620                                      | 0.0                     | 6.9                        | 89.1                          | 3.2                          | 0.8                      | 0.55                         | 4.8                | 25                 | 1500              | -                          |

Note) N.D. means to be below the detection limit and figures in parentheses show the detection limit.

<Location N along the Ukedo River: Analysis items Aquatic organisms>

| Locations                         | Sampling point                     | Latitude and longitude of the location |           | Sampling date                  | Division               | Class            | Order           | Family                     | Scientific name                         | English name                          | Population | Sample weight (kg-wet) | Note                       |                           |                  | Radioactive cesium (Bq/kg-wet) |           |           | Sr-90 (Bq/kg-wet) |   |
|-----------------------------------|------------------------------------|--|-----------|--------------------------------|------------------------|------------------|-----------------|----------------------------|---|---------------------------------------|------------|------------------------|----------------------------|---------------------------|------------------|--------------------------------|-----------|-----------|-------------------|---|
|                                   |                                    | Latitude                               | Longitude |                                |                        |                  |                 |                            |   |                                       |            |                        | Growth stage               | Stomach contents          | Measurement site | Total                          | Cs-134    | Cs-137    |                   |   |
| N-1                               | The main stream of the Ukedo River | 37.4998°                               | 140.9835° | 2024/6/26                      | Algae/plant            | -                | -               | -                          | -                                       | Riverbed Deposits (Include algae)     | -          | 0.0070                 | -                          | -                         | -                | 190                            | N.D.(21)  | 190       | -                 |   |
|                                   |                                    |  |           |                                | Algae/plant            | Monocotyledoneae | Najadales       | Potamogetonaceae           | <i>Potamogeton crispus</i>              | Curly-leaf pondweed                   | -          | 0.28                   | -                          | -                         | -                | 77                             | N.D.(1.4) | 77        | -                 |   |
|                                   |                                    |  |           |                                | Arthropoda             | Insecta          | Trichoptera     | Stenopsychidae             | <i>Stenopsyche marmorata</i>            | <i>Stenopsyche marmorata</i>          | 296        | 0.071                  | Larva                      | -                         | -                | -                              | 220       | N.D.(4.3) | 220               | - |
|                                   |                                    |  |           |                                | Arthropoda             | Insecta          | Odonata         | Corduliidae                | <i>Macromia amphigena amphigena</i>     | <i>Macromia amphigena</i>             | 152        | 0.033                  | Larva (Dragonfly larva)    | -                         | -                | 83                             | N.D.(5.5) | 83        | -                 |   |
|                                   |                                    |  |           |                                | Arthropoda             | Insecta          | Odonata         | Gomphidae                  | <i>Melligomphus viridicostus</i>        | <i>Melligomphus viridicostus</i>      |            |                        |                            |                           |                  |                                |           |           |                   |   |
|                                   |                                    |  |           |                                | Arthropoda             | Insecta          | Odonata         | Gomphidae                  | <i>Sieboldius albardae</i>              | <i>Sieboldius albardae</i>            |            |                        |                            |                           |                  |                                |           |           |                   |   |
|                                   |                                    |  |           |                                | Arthropoda             | Insecta          | Odonata         | Gomphidae                  | <i>Davidius sp.</i>                     | <i>Davidius</i>                       |            |                        |                            |                           |                  |                                |           |           |                   |   |
|                                   |                                    |  |           |                                | Arthropoda             | Insecta          | Odonata         | Gomphidae                  | <i>Shaogomphus postocularis</i>         | <i>Shaogomphus postocularis</i>       |            |                        |                            |                           |                  |                                |           |           |                   |   |
|                                   |                                    |  |           |                                | Arthropoda             | Insecta          | Odonata         | Libellulidae               | <i>Sympetrum sp.</i>                    | <i>Sympetrum</i>                      |            |                        |                            |                           |                  |                                |           |           |                   |   |
|                                   |                                    |  |           |                                | Arthropoda             | Insecta          | Odonata         | Libellulidae               | <i>Orthetrum albistylum speciosum</i>   | Common skimmer                        |            |                        |                            |                           |                  |                                |           |           |                   |   |
|                                   |                                    |  |           |                                | Arthropoda             | Malacostraca     | Decapoda        | Palaemonidae               | <i>Palaemon paucidens</i>               | Common prawn                          | 74         | 0.14                   | Imago                      | -                         | -                | -                              | 77        | N.D.(2.2) | 77                | - |
|                                   |                                    |  |           |                                | Arthropoda             | Malacostraca     | Decapoda        | Atyidae                    | Atyidae                                 | Freshwater shrimp                     | 245        | 0.063                  | Juvenile                   | -                         | -                | -                              | 58        | N.D.(3.9) | 58                | - |
|                                   |                                    |  |           |                                | Arthropoda             | Malacostraca     | Decapoda        | Varunidae                  | <i>Eriocheir japonica</i>               | Japanese mitten crab                  | 59         | 0.087                  | Juvenile                   | -                         | -                | -                              | 100       | N.D.(3.5) | 100               | - |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Anguilliformes  | Anguillidae                | <i>Anguilla japonica</i>                | Japanese eel                          | 6          | 1.9                    | Immature fish, Mature fish | Japanese mitten Crab,Fish | Viscera removed  | 253.5                          | 3.5       | 250       | 0.44              |   |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Scorpaeniformes | Cottidae                   | <i>Cottus reinii</i>                    | Sculpin                               | 30         | 0.24                   | Immature fish              | -                         | -                | -                              | 101.6     | 1.6       | 100               | - |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Cypriniformes   | Cyprinidae                 | <i>Opsarichthys platypus</i>            | Pale chub                             | 10         | 0.13                   | Immature fish, Mature fish | -                         | -                | -                              | 63        | N.D.(2.1) | 63                | - |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Cypriniformes   | Cyprinidae                 | <i>Carassius auratus</i>                | <i>Carassius auratus langsdorffii</i> | 17         | 0.37                   | Immature fish, Mature fish | Obscure digesta           | Viscera removed  | 79                             | N.D.(1.6) | 79        | -                 |   |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Cypriniformes   | Cyprinidae                 | <i>Cyprinus carpio</i>                  | Common carp                           | 2          | 3.4                    | Mature fish                | Obscure digesta           | Viscera removed  | 100                            | N.D.(1.4) | 100       | 1.2               |   |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Cypriniformes   | Cobitidae                  | <i>Cobitis biwae</i>                    | <i>Cobitis biwae</i>                  | 12         | 0.016                  | Immature fish, Mature fish | -                         | -                | -                              | 59        | N.D.(12)  | 59                | - |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Cypriniformes   | Cobitidae                  | <i>Nemacheilus toni</i>                 | Stone loach                           | 38         | 0.053                  | Immature fish              | -                         | -                | -                              | 30        | N.D.(4.8) | 30                | - |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Salmoniformes   | Osmeridae                  | <i>Plecoglossus altivelis altivelis</i> | Sweetfish                             | 140        | 0.77                   | Immature fish              | -                         | -                | -                              | 233.8     | 3.8       | 230               | - |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Perciformes     | Gobiidae                   | <i>Gymnogobius urotaenia</i>            | Goby                                  | 4          | 0.041                  | Immature fish              | -                         | -                | -                              | 220       | N.D.(5.8) | 220               | - |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Perciformes     | Gobiidae                   | <i>Rhinogobius nagoyae</i>              | <i>Rhinogobius nagoyae</i>            | 35         | 0.051                  | Immature fish, Mature fish | -                         | -                | -                              | 72        | N.D.(5.0) | 72                | - |
| Vertebrata                        | Osteichthyes                       | Perciformes                            | Gobiidae  | <i>Tridentiger brevispinis</i> | Dusky tripletooth goby | 22               | 0.069           | Immature fish, Mature fish | -                                       | -                                     | -          | 88                     | N.D.(4.6)                  | 88                        | -                |                                |           |           |                   |   |
| Vertebrata                        | Osteichthyes                       | Siluriformes                           | Siluridae | <i>Silurus asotus</i>          | Amur catfish           | 1                | 0.93            | Mature fish                | Empty stomach                           | Viscera removed                       | 220        | N.D.(5.1)              | 220                        | 0.87                      |                  |                                |           |           |                   |   |
| Vertebrata                        | Amphibia                           | Anura                                  | -         | -                              | Frog                   | 90               | 0.018           | Larva(Tadpole)             | -                                       | -                                     | -          | 220                    | N.D.(12)                   | 220                       | -                |                                |           |           |                   |   |
| Coarse Particulate Organic Matter | -                                  | -                                      | -         | -                              | Bottom fallen leaves   | -                | 0.25            | -                          | -                                       | -                                     | -          | 295.3                  | 5.3                        | 290                       | -                |                                |           |           |                   |   |
| N-2                               | The main stream of the Ukedo River | 37.5070°                               | 140.9456° | 2024/6/26                      | Algae/plant            | -                | -               | -                          | -                                       | Riverbed Deposits (Include algae)     | -          | 0.0047                 | -                          | -                         | -                | 210                            | N.D.(28)  | 210       | -                 |   |
|                                   |                                    |  |           |                                | Arthropoda             | Insecta          | Odonata         | Corduliidae                | <i>Macromia amphigena amphigena</i>     | <i>Macromia amphigena</i>             | 115        | 0.034                  | Larva (Dragonfly larva)    | -                         | -                | 54                             | N.D.(6.2) | 54        | -                 |   |
|                                   |                                    |  |           |                                | Arthropoda             | Insecta          | Odonata         | Cordulegastridae           | <i>Anotogaster sieboldii</i>            | <i>Anotogaster sieboldii</i>          |            |                        |                            |                           |                  |                                |           |           |                   |   |
|                                   |                                    |  |           |                                | Arthropoda             | Insecta          | Odonata         | Gomphidae                  | <i>Stylogomphus suzuki</i>              | <i>Stylogomphus suzuki</i>            |            |                        |                            |                           |                  |                                |           |           |                   |   |
|                                   |                                    |  |           |                                | Arthropoda             | Insecta          | Odonata         | Gomphidae                  | <i>Melligomphus viridicostus</i>        | <i>Melligomphus viridicostus</i>      |            |                        |                            |                           |                  |                                |           |           |                   |   |
|                                   |                                    |  |           |                                | Arthropoda             | Insecta          | Odonata         | Gomphidae                  | <i>Sieboldius albardae</i>              | <i>Sieboldius albardae</i>            |            |                        |                            |                           |                  |                                |           |           |                   |   |
|                                   |                                    |  |           |                                | Arthropoda             | Insecta          | Odonata         | Gomphidae                  | <i>Davidius sp.</i>                     | <i>Davidius</i>                       |            |                        |                            |                           |                  |                                |           |           |                   |   |
|                                   |                                    |  |           |                                | Arthropoda             | Insecta          | Odonata         | Gomphidae                  | <i>Asiagomphus melaenops</i>            | <i>Asiagomphus melaenops</i>          |            |                        |                            |                           |                  |                                |           |           |                   |   |
|                                   |                                    |  |           |                                | Arthropoda             | Insecta          | Odonata         | Aeshnidae                  | <i>Boyeria maclachlani</i>              | <i>Boyeria maclachlani</i>            |            |                        |                            |                           |                  |                                |           |           |                   |   |
|                                   |                                    |  |           |                                | Arthropoda             | Insecta          | Megaloptera     | Corydalidae                | <i>Protohermes grandis</i>              | <i>Protohermes grandis</i>            | 23         | 0.012                  | Larva                      | -                         | -                | -                              | 31        | N.D.(3.6) | 31                | - |
|                                   |                                    |  |           |                                | Arthropoda             | Malacostraca     | Decapoda        | Palaemonidae               | <i>Palaemon paucidens</i>               | Common prawn                          | 67         | 0.14                   | Imago                      | -                         | -                | -                              | 94.5      | 2.5       | 92                | - |
|                                   |                                    |  |           |                                | Arthropoda             | Malacostraca     | Decapoda        | Atyidae                    | Atyidae                                 | Freshwater shrimp                     | 318        | 0.053                  | Juvenile                   | -                         | -                | -                              | 61        | N.D.(4.8) | 61                | - |
|                                   |                                    |  |           |                                | Arthropoda             | Malacostraca     | Decapoda        | Varunidae                  | <i>Eriocheir japonica</i>               | Japanese mitten crab                  | 10         | 0.041                  | Juvenile                   | -                         | -                | -                              | 120       | N.D.(9.5) | 120               | - |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Anguilliformes  | Anguillidae                | <i>Anguilla japonica</i>                | Japanese eel                          | 8          | 1.2                    | Immature fish, Mature fish | Empty stomach             | Viscera removed  | 386.3                          | 6.3       | 380       | 0.52              |   |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Scorpaeniformes | Cottidae                   | <i>Cottus reinii</i>                    | Sculpin                               | 8          | 0.10                   | Immature fish              | -                         | -                | -                              | 150       | N.D.(3.0) | 150               | - |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Cypriniformes   | Cyprinidae                 | <i>Tribolodon hakonensis</i>            | Japanese dace                         | 3          | 0.020                  | Immature fish              | -                         | -                | -                              | 80        | N.D.(10)  | 80                | - |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Cypriniformes   | Cyprinidae                 | <i>Opsarichthys platypus</i>            | Pale chub                             | 22         | 0.31                   | Immature fish, Mature fish | -                         | -                | -                              | 122.3     | 2.3       | 120               | - |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Cypriniformes   | Cyprinidae                 | <i>Candidia temminckii</i>              | Dark chub                             | 5          | 0.041                  | Immature fish, Mature fish | -                         | -                | -                              | 130       | N.D.(5.7) | 130               | - |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Cypriniformes   | Cyprinidae                 | <i>Cyprinus carpio</i>                  | Common carp                           | 1          | 0.99                   | Mature fish                | Obscure digesta           | Viscera removed  | 160                            | N.D.(3.8) | 160       | 1.7               |   |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Cypriniformes   | Cyprinidae                 | <i>Cyprinus carpio</i>                  | Common carp                           | 1          | 2.1                    | Mature fish                | Obscure digesta           | Viscera removed  | 141.7                          | 1.7       | 140       | 1.2               |   |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Cypriniformes   | Cobitidae                  | <i>Cobitis biwae</i>                    | <i>Cobitis biwae</i>                  | 73         | 0.13                   | Immature fish, Mature fish | -                         | -                | -                              | 97        | N.D.(2.4) | 97                | - |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Salmoniformes   | Osmeridae                  | <i>Plecoglossus altivelis altivelis</i> | Sweetfish                             | 115        | 0.57                   | Immature fish              | -                         | -                | -                              | 223.5     | 3.5       | 220               | - |
|                                   |                                    |  |           |                                | Vertebrata             | Osteichthyes     | Siluriformes    | Amblycipitidae             | <i>Liobagrus reinii</i>                 | Torrent catfish                       | 6          | 0.031                  | Mature fish                | -                         | -                | -                              | 96        | N.D.(6.3) | 96                | - |
| Vertebrata                        | Osteichthyes                       | Siluriformes                           | Siluridae | <i>Silurus asotus</i>          | Amur catfish           | 1                | 1.3             | Mature fish                | Common prawn                            | Viscera removed                       | 740        | 10                     | 730                        | 1.6                       |                  |                                |           |           |                   |   |
| Vertebrata                        | Osteichthyes                       | Siluriformes                           | Siluridae | <i>Silurus asotus</i>          | Amur catfish           | 1                | 1.4             | Mature fish                | Common prawn                            | Viscera removed                       | 1321       | 21                     | 1300                       | 2.3                       |                  |                                |           |           |                   |   |
| Vertebrata                        | Osteichthyes                       | Siluriformes                           | Siluridae | <i>Silurus asotus</i>          | Amur catfish           | 1                | 1.6             | Mature fish                | Common prawn                            | Viscera removed                       | 599.5      | 9.5                    | 590                        | 1.5                       |                  |                                |           |           |                   |   |
| Coarse Particulate Organic Matter | -                                  | -                                      | -         | -                              | Bottom fallen leaves   | -                | 0.24            | -                          | -                                       | -                                     | -          | 385.7                  | 5.7                        | 380                       | -                |                                |           |           |                   |   |

\*1: Organisms were collected in or around the targeted water areas.

\*2: When multiple types of aquatic organisms were collected, a sample was prepared by mixing them.

\*3: For a sample made of multiple types of aquatic organisms, the English name of the dominant one largest in number is underlined.

\*4: Basically, measurement was conducted for all organism samples. Viscera (stomach and bowels) were removed for the measurement when possible so that undigested food and sediments, etc. in the digestive system would be excluded.

\*5: Plankton (suspended algae) is the residue remaining after the filtration of lake water or seawater with a plankton net (40µm-mesh).

\*6: River bottom materials (incl. algae) are algae, etc. that were scratched off stones with a brush, etc. and may include very fine particles such as inorganic silt and clay.

\*7: N.D. means to be below the detection limit and figures in parentheses show the detection limit.

\*8: Activity concentrations include counting errors, but the details are omitted here.

<Location N along the Ukedo River: Analysis items Aquatic organisms>

| Locations | Sampling point                      | Latitude and longitude of the location |           | Sampling date | Division    | Class        | Order           | Family           | Scientific name                         | English name                      | Population | Sample weight (kg-wet) | Note                       |                  |                      | Radioactive cesium (Bq/kg-wet) |           |           | Sr-90 (Bq/kg-wet) |       |     |     |   |
|-----------|-------------------------------------|--|-----------|---------------|-------------|--------------|-----------------|------------------|---|-----------------------------------|------------|------------------------|----------------------------|------------------|----------------------|--------------------------------|-----------|-----------|-------------------|-------|-----|-----|---|
|           |                                     | Latitude                               | Longitude |               |             |              |                 |                  |   |                                   |            |                        | Growth stage               | Stomach contents | Measurement site     | Total                          | Cs-134    | Cs-137    |                   |       |     |     |   |
| N-3       | The main stream of the Takase River | 37.4754°                               | 140.9598° | 2024/6/26     | Algae/plant | -            | -               | -                | -                                       | Riverbed Deposits (Include algae) | -          | 0.0038                 | -                          | -                | -                    | 29                             | N.D.(6.6) | 29        | -                 |       |     |     |   |
|           |                                     |  |           |               | Arthropoda  | Insecta      | Odonata         | Corduliidae      | <i>Macromia amphigena amphigena</i>     | <i>Macromia amphigena</i>         | 109        | 0.022                  | Larva (Dragonfly larva)    | -                | -                    | -                              | 11        | N.D.(1.8) | 11                | -     |     |     |   |
|           |                                     |  |           |               | Arthropoda  | Insecta      | Odonata         | Cordulegastridae | <i>Anotogaster sieboldii</i>            | <i>Anotogaster sieboldii</i>      |            |                        |                            |                  |                      |                                |           |           |                   |       |     |     |   |
|           |                                     |  |           |               | Arthropoda  | Insecta      | Odonata         | Gomphidae        | <i>Nihonogomphus viridis</i>            | <i>Nihonogomphus viridis</i>      |            |                        |                            |                  |                      |                                |           |           |                   |       |     |     |   |
|           |                                     |  |           |               | Arthropoda  | Insecta      | Odonata         | Gomphidae        | <i>Melligomphus viridicostus</i>        | <i>Melligomphus viridicostus</i>  |            |                        |                            |                  |                      |                                |           |           |                   |       |     |     |   |
|           |                                     |  |           |               | Arthropoda  | Insecta      | Odonata         | Gomphidae        | <i>Sieboldius albardae</i>              | <i>Sieboldius albardae</i>        |            |                        |                            |                  |                      |                                |           |           |                   |       |     |     |   |
|           |                                     |  |           |               | Arthropoda  | Insecta      | Odonata         | Gomphidae        | <i>Davidius sp.</i>                     | <i>Davidius</i>                   |            |                        |                            |                  |                      |                                |           |           |                   |       |     |     |   |
|           |                                     |  |           |               | Arthropoda  | Insecta      | Odonata         | Gomphidae        | <i>Asiagomphus melaenops</i>            | <i>Asiagomphus melaenops</i>      |            |                        |                            |                  |                      |                                |           |           |                   |       |     |     |   |
|           |                                     |  |           |               | Arthropoda  | Insecta      | Odonata         | Libellulidae     | <i>Sympetrum sp.</i>                    | <i>Sympetrum</i>                  |            |                        |                            |                  |                      |                                |           |           |                   |       |     |     |   |
|           |                                     |  |           |               | Arthropoda  | Malacostraca | Decapoda        | Palaemonidae     | <i>Palaemon paucidens</i>               | Common prawn                      | 19         | 0.021                  | Imago                      | -                | -                    | 22                             | N.D.(2.1) | 22        | -                 |       |     |     |   |
|           |                                     |  |           |               | Arthropoda  | Malacostraca | Decapoda        | Atyidae          | <i>Paratya improvisa</i>                | Freshwater shrimp                 | 195        | 0.048                  | Juvenile                   | -                | -                    | 25                             | N.D.(4.7) | 25        | -                 |       |     |     |   |
|           |                                     |  |           |               | Arthropoda  | Malacostraca | Decapoda        | Varunidae        | <i>Eriocheir japonica</i>               | Japanese mitten crab              | 22         | 0.21                   | Juvenile                   | -                | -                    | 44                             | N.D.(1.7) | 44        | -                 |       |     |     |   |
|           |                                     |  |           |               | Vertebrata  | Osteichthyes | Anguilliformes  | Anguillidae      | <i>Anguilla japonica</i>                | Japanese eel                      | 1          | 0.25                   | Mature fish                | Empty stomach    | Viscera removed      | 30                             | N.D.(1.6) | 30        | -                 |       |     |     |   |
|           |                                     |  |           |               | Vertebrata  | Osteichthyes | Scorpaeniformes | Cottidae         | <i>Cottus reinii</i>                    | Sculpin                           | 26         | 0.20                   | Immature fish              | -                | -                    | 36                             | N.D.(1.5) | 36        | -                 |       |     |     |   |
|           |                                     |  |           |               | Vertebrata  | Osteichthyes | Cypriniformes   | Cyprinidae       | <i>Opsarichthys platypus</i>            | Pale chub                         | 29         | 0.049                  | Immature fish              | -                | -                    | 25                             | N.D.(3.5) | 25        | -                 |       |     |     |   |
|           |                                     |  |           |               | Vertebrata  | Osteichthyes | Cypriniformes   | Cyprinidae       | <i>Candidia temminckii</i>              | Dark chub                         | 39         | 0.080                  | Immature fish, Mature fish | -                | -                    | 43                             | N.D.(4.3) | 43        | -                 |       |     |     |   |
|           |                                     |  |           |               | Vertebrata  | Osteichthyes | Cypriniformes   | Cobitidae        | <i>Nemacheilus toni</i>                 | Stone loach                       | 36         | 0.16                   | Immature fish              | -                | -                    | 16                             | N.D.(1.7) | 16        | -                 |       |     |     |   |
|           |                                     |  |           |               | Vertebrata  | Osteichthyes | Salmoniformes   | Osmeridae        | <i>Plecoglossus altivelis altivelis</i> | Sweetfish                         | 206        | 1.8                    | Immature fish, Mature fish | -                | -                    | 35                             | N.D.(1.2) | 35        | 0.21              |       |     |     |   |
|           |                                     |  |           |               | Vertebrata  | Osteichthyes | Perciformes     | Gobiidae         | <i>Gymnogobius urotaenia</i>            | Goby                              | 1          | 0.016                  | Immature fish              | -                | -                    | 95                             | N.D.(13)  | 95        | -                 |       |     |     |   |
|           |                                     |  |           |               | Vertebrata  | Osteichthyes | Perciformes     | Gobiidae         | <i>Rhinogobius nagoyae</i>              | <i>Rhinogobius nagoyae</i>        | 37         | 0.067                  | Immature fish, Mature fish | -                | -                    | 24                             | N.D.(2.7) | 24        | -                 |       |     |     |   |
|           |                                     |  |           |               | Vertebrata  | Osteichthyes | Perciformes     | Gobiidae         | <i>Sicyopterus japonicus</i>            | Monk goby                         | 14         | 0.080                  | Immature fish              | -                | -                    | 37                             | N.D.(5.0) | 37        | -                 |       |     |     |   |
|           |                                     |  |           |               |             |              |                 |                  |   | Coarse Particulate Organic Matter | -          | -                      | -                          | -                | Bottom fallen leaves | -                              | 0.27      | -         | -                 | 233.3 | 3.3 | 230 | - |

\*1: Organisms were collected in or around the targeted water areas.

\*2: When multiple types of aquatic organisms were collected, a sample was prepared by mixing them.

\*3: For a sample made of multiple types of aquatic organisms, the English name of the dominant one largest in number is underlined.

\*4: Basically, measurement was conducted for all organism samples. Viscera (stomach and bowels) were removed for the measurement when possible so that undigested food and sediments, etc. in the digestive system would be excluded.

\*5: Plankton (suspended algae) is the residue remaining after the filtration of lake water or seawater with a plankton net (40µm-mesh).

\*6: River bottom materials (incl. algae) are algae, etc. that were scratched off stones with a brush, etc. and may include very fine particles such as inorganic silt and clay.

\*7: N.D. means to be below the detection limit and figures in parentheses show the detection limit.

\*8: Activity concentrations include counting errors, but the details are omitted here.