



Rivière :

**CHER**

Station :

**04072000**  
**SAVONNIERES**

Commune :

**SAVONNIERES ( 37243 )**

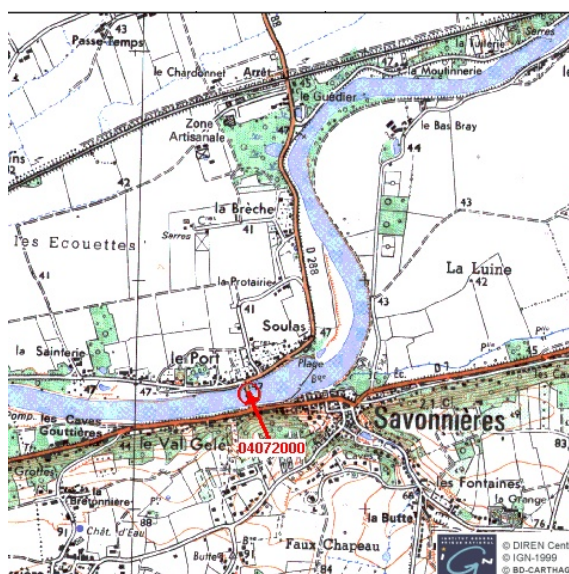
Localisation :

CHER à SAVONNIERES

Pont de la D288

Objectif de qualité : 1B

Catégorie piscicole : 2



Coordonnées géographiques

|                | X (m)   | Y (m)     |
|----------------|---------|-----------|
| Lambert II :   | 464 504 | 2 262 508 |
| Lambert 93 :   | 514 537 | 6 697 110 |
| Altitude (m) : | 40      |           |



| Date prél. | Heure | Débit<br>m3/s | T°eau<br>°C | pH  | Cond.25°<br>µS/cm | O2 dis.<br>mg/l | Sat. O2<br>% | MES<br>mg/l | DBO5<br>mg/l | DCO<br>mg/l | COD<br>mg/l | N Kj<br>mg/l | NH4+<br>mg/l | NO2-<br>mg/l | NO3-<br>mg/l | PO4---<br>mg/l | P Total<br>mg/l | Chloro. a<br>µg/l | Phéopig.<br>µg/l |
|------------|-------|---------------|-------------|-----|-------------------|-----------------|--------------|-------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|----------------|-----------------|-------------------|------------------|
| 18/12/2008 | 11:30 |               | 4.4         | 7.8 | 299               | 13.5            | 103          | 66          | 2.6          |             | 7.8         | 1.9          | 0.06         | 0.07         | 21.5         | < .1           | 0.181           |                   |                  |
| 27/11/2008 | 11:30 |               | 6.1         | 8.6 | 344               | 12.2            | 98           | 10          | < 2          |             | 5.3         | 0.8          | 0.06         | 0.06         | 21           | 0.17           | 0.084           |                   |                  |
| 30/10/2008 | 12:00 |               | 9.4         | 7.7 | 457               | 11.8            | 107          | < 2         | < 2          |             | 4.4         | 0.6          | 0.05         | 0.03         | 14.4         | < .03          | < .02           | 2                 | 4                |
| 25/09/2008 | 13:20 |               | 16.7        | 8.4 | 415               | 7.9             | 80           | < 2         | < 2          |             | 3.3         | < .5         | < .03        | 0.05         | 14.8         | < .03          | 0.023           | < .5              | 2                |
| 28/08/2008 | 12:20 |               | 21.2        | 8.4 | 765               | 9.3             | 107          | 2           | < 2          |             | 3.3         | 0.5          | < .03        | 0.05         | 17.3         | < .03          | 0.03            | < .5              | 2                |
| 31/07/2008 | 11:35 |               | 24.4        | 7.8 | 451               | 9.0             | 108          | < 2         | < 2          |             | 3.6         | 0.7          | 0.06         | 0.08         | 19.6         | < .03          | < .02           | 4                 | 3                |
| 26/06/2008 | 11:15 |               | 22.6        | 8.1 | 420               | 8.4             | 97           | 6           | < 2          |             | 4.4         | < .5         | 0.03         | 0.03         | 21.8         | 0.15           | 0.067           | < .5              | 1                |
| 22/05/2008 | 15:30 |               | 18.8        | 8.2 | 395               | 9.1             | 98           | 10          | < 2          |             | 5.4         | 0.9          | < .03        | 0.03         | 20.6         | 0.1            | 0.056           | 2                 | 2                |
| 24/04/2008 | 11:30 |               | 12.7        | 7.9 | 276               | 9.5             | 88           | 76          | 2.4          |             | 13.2        | 1.9          | < .03        | 0.06         | 11.7         | 0.1            | 0.188           | 9                 | 2                |
| 28/03/2008 | 11:00 |               | 7.9         | 7.6 | 326               | 11.5            | 98           | 54          | < 2          |             | 8.2         | 1.2          | 0.06         | 0.07         | 17.3         | < .1           | 0.144           | 2                 | 9                |
| 28/02/2008 | 12:30 |               | 10.1        | 6.9 | 486               | 11.4            | 101          | 1           | < 2          |             | 3.8         | 0.7          | 0.07         | 0.05         | 29.1         | 0.13           | 0.06            |                   |                  |
| 24/01/2008 | 13:10 |               | 8.4         | 7.1 | 428               | 12.0            | 101          | 20          | < 2          |             | 5.4         | 0.6          | 0.05         | 0.08         | 25           | 0.15           | 0.094           |                   |                  |

| Date prél. | Heure | Débit<br>m3/s | T°eau<br>°C | pH  | Cond.25°<br>µS/cm | O2 dis.<br>mg/l | Sat. O2<br>% | MES<br>mg/l | DBO5<br>mg/l | DCO<br>mg/l | COD<br>mg/l | N Kj<br>mg/l | NH4+<br>mg/l | NO2-<br>mg/l | NO3-<br>mg/l | PO4---<br>mg/l | P Total<br>mg/l | Chloro. a<br>µg/l | Phéopig.<br>µg/l |
|------------|-------|---------------|-------------|-----|-------------------|-----------------|--------------|-------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|----------------|-----------------|-------------------|------------------|
| 11/12/2007 | 08:40 |               | 5.1         | 6.5 | 233               | 10.5            | 80           | 28          | 1.5          |             | 5.2         | < 1          | 0.09         | 0.07         | 19           | 0.189          | 0.12            |                   |                  |
| 20/11/2007 | 08:20 |               | 6.9         | 7.0 | 484               | 9.2             | 73           | < 2         | 0.8          |             | 3.8         | < 1          | < .05        | 0.04         | 21.9         | < .01          | < .02           |                   |                  |
| 02/10/2007 | 08:00 |               | 23.1        | 7.7 | 408               | 10.3            | 114          | 2.4         | < .5         |             | 3.6         | < 1          | < .05        | 0.03         | 20.6         | 0.065          | 0.02            | < 1               | < 1              |
| 11/09/2007 | 10:20 |               | 18.9        | 8.1 | 406               | 10.1            | 103          | 6.8         | 0.7          |             | 4.8         | < 1          | < .05        | 0.04         | 17.6         | 0.171          | 0.08            | 1                 | 1                |
| 07/08/2007 | 18:00 |               | 22.1        | 8.3 | 390               | 9.5             | 103          | 4.2         | 0.9          |             | 4.4         | < 1          | < .05        | 0.05         | 13.1         | 0.133          | 0.06            | 1                 | 4                |
| 04/07/2007 | 08:20 |               | 18.5        | 8.3 | 370               | 8.7             | 88           | 6.2         | 0.8          |             | 6.0         | < 1          | < .05        | 0.03         | 13.6         | 0.189          | 0.09            | < 1               | 1                |
| 11/06/2007 | 20:30 |               | 22.4        | 8.0 | 384               | 9.9             | 108          | 8.2         | 0.7          |             | 4.7         | < 1          | 0.06         | 0.07         | 18.7         | 0.173          | 0.09            | < 1               | 3                |
| 02/05/2007 | 18:40 |               | 20.7        | 7.3 | 480               | 10.7            | 113          | 2           | 1.9          |             | 3.4         | < 1          | 0.09         | 0.1          | 25.8         | 0.039          | 0.03            | 0.57              | 0.67             |
| 02/04/2007 | 20:30 |               | 11.9        | 7.8 | 372               | 10.8            | 96           | 22          | 1            |             | 5.9         | < 1          | < .05        | 0.04         | 21.5         | 0.085          | 0.07            | 3.4               | 3.4              |
| 05/03/2007 | 16:00 |               | 10.7        | 7.5 | 258               | 10.0            | 86           | 111         | 1.8          |             | 10.0        | 1.1          | 0.08         | 0.05         | 11           | 0.207          | 0.25            | 11.34             | 8.13             |
| 06/02/2007 | 08:00 |               | 6.5         | 8.0 | 393               | 12.4            | 98           | 23          | 1.6          |             | 5.4         | < 1          | < .05        | 0.05         | 38           | 0.114          | 0.1             |                   |                  |
| 11/01/2007 | 18:30 |               | 9.4         | 7.8 | 412               | 11.8            | 99           | 39          | 1            |             | 7.0         | < 1          | < .05        | 0.08         | 34.1         | 0.179          | 0.15            |                   |                  |
| 19/12/2006 | 10:45 |               | 7.7         | 7.4 | 480               | 10.5            | 85           | 8.4         |              | 14          | 4.9         | < 1          | < .05        | 0.05         | 22.6         | 0.116          | 0.07            |                   |                  |
| 05/12/2006 | 18:00 |               | 10.6        | 8.0 | 415               | 9.5             | 82           | 24          |              | 20          | 6.5         | < 1          | < .05        | 0.07         | 23.2         | 0.147          | 0.09            |                   |                  |
| 22/11/2006 | 11:15 |               | 10.1        | 8.5 | 507               | 11.8            | 100          | 4           |              | 8.9         | 3.6         | < 1          | < .05        | 0.04         | 25.4         | 0.059          | 0.04            | 1.2               | 1.67             |
| 08/11/2006 | 15:00 |               | 9.0         | 8.0 | 498               | 9.9             | 83           | 4.2         |              | 12          | 4.2         | < 1          | < .05        | 0.04         | 24.8         | 0.09           | 0.047           | 0.59              | 1.11             |
| 25/10/2006 | 16:40 |               | 15.4        | 7.9 | 503               | 9.6             | 91           | 9.8         | 0.6          | 11          | 4.5         | < 1          | 0.06         | 0.08         | 35.1         | 0.125          | 0.05            | 1.62              | 2.33             |
| 10/10/2006 | 09:00 |               | 14.5        | 8.3 | 444               | 9.6             | 90           | 17          | 0.8          |             |             |              | 0.11         | 0.11         | 41.5         | 0.212          | 0.08            | 3.78              | 4.69             |
| 18/09/2006 | 11:00 |               | 21.0        | 7.6 | 368               | 8.0             | 85           | 3           | 0.7          |             |             |              | 0.18         | 0.1          | 7.1          | 0.07           | 0.03            | 0.65              | 4.04             |
| 11/09/2006 | 17:00 |               | 22.9        | 8.1 | 373               | 10.3            | 114          | < 2         | 0.8          | 5.2         | 3.3         | < 1          | < .05        | 0.05         | 6.2          | 0.024          | 0.02            | 1.03              | 4.1              |
| 30/08/2006 | 17:30 |               | 19.2        | 8.7 | 352               | 10.3            | 106          | 2           | 0.5          | 10          | 3.3         | < 1          | 0.09         | 0.05         | 8.1          | 0.018          | < .02           | 1.76              | 1.72             |
| 09/08/2006 | 16:45 |               | 23.4        | 8.5 | 360               | 9.5             | 107          | 4.8         | 0.6          |             |             |              | < .05        | 0.05         | 6.6          | 0.023          | < .02           | 7.83              | 2.94             |
| 25/07/2006 | 17:00 |               | 30.0        | 9.3 | 253               | 10.9            | 135          | 12          | 0.5          | 18          | 5.0         | 1.4          | 0.22         | 0.05         | 1.5          | 0.016          | 0.03            | 21.65             | 24.5             |
| 11/07/2006 | 15:30 |               | 25.2        | 8.1 | 407               | 7.9             | 91           | 3.6         | 0.5          |             |             |              | < .05        | 0.07         | 13.8         | 0.118          | 0.06            | 3.73              | 1.41             |
| 27/06/2006 | 06:30 |               | 22.3        | 7.8 | 447               | 9.6             | 105          | 4           | 0.9          | 8.7         | 3.5         | < 1          | 0.07         | 0.09         | 2.9          | 0.138          | 0.05            | 1.67              | 1.56             |
| 06/06/2006 | 14:15 |               | 20.8        | 8.3 | 455               | 12.1            | 128          | 2.2         | 1.1          |             |             |              | < .05        | 0.05         | 22.2         | 0.075          | 0.03            | 1.59              | 0.33             |
| 30/05/2006 | 07:15 |               | 16.3        | 8.1 | 576               | 9.0             | 87           | 6           | < .5         | 13          | 5.2         | < 1          | 0.05         | 0.07         | 18.3         | 0.191          | 0.05            | 0.46              | 1.53             |
| 11/05/2006 | 09:00 |               | 15.4        | 7.9 | 537               | 9.8             | 93           | 7.4         | < .5         |             |             |              | < .05        | 0.07         | 23.3         | 0.091          | 0.04            | 1.11              | 3.73             |
| 25/04/2006 | 08:15 |               | 16.9        | 8.1 | 386               | 9.2             | 90           | 9.9         | 0.6          | 9.1         | 4.5         | < 1          | < .05        | 0.04         | 22.6         | 0.106          | 0.03            | 2.16              | 3.56             |

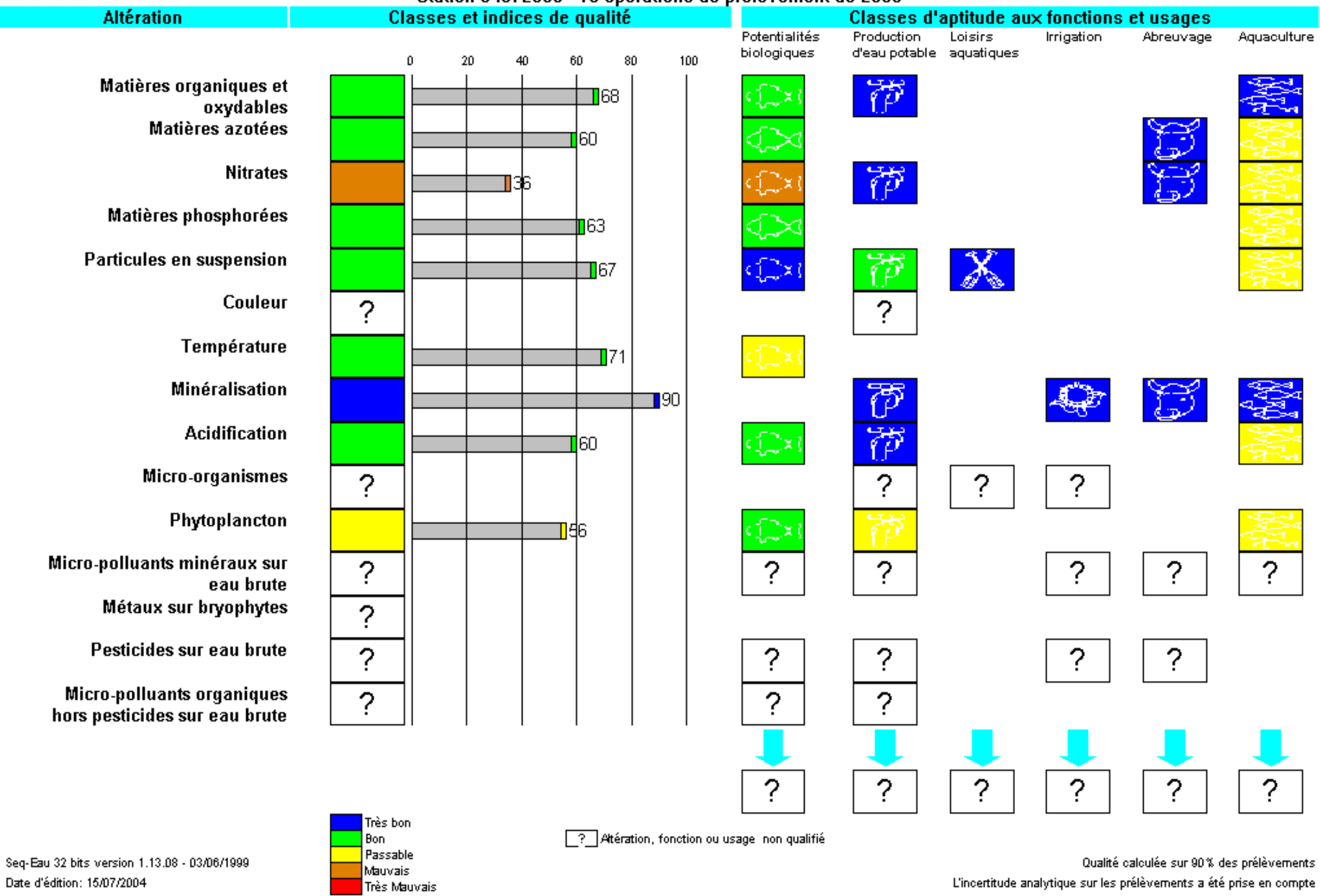
| Date prél. | Heure | Débit<br>m3/s | T°eau<br>°C | pH  | Cond.25°<br>µS/cm | O2 dis.<br>mg/l | Sat. O2<br>% | MES<br>mg/l | DBO5<br>mg/l | DCO<br>mg/l | COD<br>mg/l | N Kj<br>mg/l | NH4+<br>mg/l | NO2-<br>mg/l | NO3-<br>mg/l | PO4---<br>mg/l | P Total<br>mg/l | Chloro. a<br>µg/l | Phéopig.<br>µg/l |
|------------|-------|---------------|-------------|-----|-------------------|-----------------|--------------|-------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|----------------|-----------------|-------------------|------------------|
| 10/04/2006 | 09:00 |               | 9.3         | 7.9 | 618               | 10.8            | 90           | 29          | 0.6          | 20          | 7.5         | < 1          | < .05        | 0.05         | 19.8         | 0.133          | 0.08            | 4.05              | 3.7              |
| 27/03/2006 | 18:30 |               | 12.5        | 7.8 | 376               | 10.2            | 92           | 52          | 1.2          | 23          | 7.4         | < 1          | < .05        | 0.08         | 23.3         | 0.114          | 0.05            | 10.89             | 4.92             |
| 15/03/2006 | 14:50 |               | 6.6         | 7.8 | 390               | 16.9            | 133          | 33          | 0.7          | 17          | 5.8         | < 1          | < .05        | 0.04         | 26.1         | 0.11           | 0.03            | 6.48              | 4.73             |
| 27/02/2006 | 19:00 |               | 7.1         | 7.7 | 383               | 11.3            | 90           | 42          |              | 22          | 6.0         | < 1          | 0.06         | 0.07         | 28.7         | 0.097          | 0.05            | 6.62              | 4.96             |
| 14/02/2006 | 12:00 |               | 4.2         | 7.9 | 473               | 10.9            | 81           | 5           |              | 13          | 4.0         | < 1          | 0.24         | 0.14         | 26           | 0.051          | 0.02            | 7.9               | 2.37             |
| 24/01/2006 | 07:45 |               | 6.6         | 8.2 | 370               | 9.7             | 78           | 17          |              | 16          | 5.2         | < 1          | 0.13         | 0.11         | 26.2         | 0.125          | 0.03            |                   |                  |
| 10/01/2006 | 15:45 |               | 5.2         | 7.8 | 363               | 10.1            | 79           | 23          |              | 17          | 5.5         | < 1          | 0.17         | 0.11         | 22.7         | 0.116          | 0.04            |                   |                  |
| 28/12/2005 | 15:10 |               | 4.4         | 8.2 | 471               | 10.7            | 82           | 4.2         |              | 12          | 4.2         | < 1          | < .05        | 0.08         | 21.5         | 0.032          | 0.02            |                   |                  |
| 13/12/2005 | 08:00 |               | 6.1         | 8.2 | 689               | 13.4            | 107          | 12          |              | 18          | 5.0         | < 1          | 0.15         | 0.13         | 20.7         | 0.021          | 0.04            |                   |                  |
| 28/11/2005 | 16:50 |               | 6.5         | 8.6 | 423               | 14.8            | 117          | 27          |              | 27          | 3.7         | 1.6          | 0.08         | 0.1          | 12.7         | < .01          | 0.02            | 219.8             | 15.43            |
| 14/11/2005 | 14:30 |               | 10.5        | 8.2 | 420               | 10.0            | 86           | < 2         |              | 7.9         | 3.3         | 1.4          | 0.19         | 0.13         | 10.6         | 0.075          | 0.04            | 0.59              | 0.73             |
| 24/10/2005 | 08:00 |               | 16.1        | 8.5 | 390               | 9.4             | 90           | 3           | < .5         |             |             |              | 0.15         | 0.15         | 14.2         | 0.065          | 0.02            | 0.11              | 0.61             |
| 11/10/2005 | 07:30 |               | 16.8        | 8.1 | 378               | 9.7             | 95           | 4.4         | < .5         | 7.8         | 3.2         | < 1          | 0.22         | 0.1          | 9.1          | 0.02           | < .02           | 0.11              | 2.08             |
| 28/09/2005 | 17:30 |               | 17.7        | 8.2 | 396               | 10.0            | 100          | 2.2         | < .5         |             |             |              | 0.23         | 0.09         | 9.9          | 0.089          | < .02           | 0.11              | 1.84             |
| 13/09/2005 | 08:30 |               | 20.9        | 8.1 | 379               | 7.1             | 76           | 3           | 0.7          | 15          | 4.1         | < 1          | 0.13         | 0.09         | 4.1          | 0.086          | 0.03            | 0.11              | 4.43             |
| 22/08/2005 | 16:00 |               | 22.6        | 8.4 | 353               | 9.2             | 100          | 2.6         | 1.3          |             |             |              | 0.07         | 0.05         | 3.5          | 0.065          | 0.02            | 2.27              | 1.66             |
| 09/08/2005 | 08:00 |               | 21.0        | 8.1 | 390               | 10.8            | 100          | 3           | 0.5          | 14          | 4.5         | < 1          | 0.08         | 0.06         | 7.1          | 0.01           | 0.04            | 1.62              | 2.39             |
| 27/07/2005 | 16:30 |               | 25.2        | 7.7 | 383               | 8.9             | 100          | 2           | < .5         | 6.3         | 3.5         | < 1          | 0.08         | 0.1          | 8.8          | 0.127          | 0.05            | 0.43              | 3.65             |
| 12/07/2005 | 08:00 |               | 21.3        | 8.2 | 440               | 7.7             | 82           | 2.6         | 0.9          | 8.2         | 3.6         | < 1          | 0.07         | 0.1          | 12.1         | 0.176          | 0.06            | 0.97              | 2.32             |
| 27/06/2005 | 12:30 |               | 26.5        | 8.1 | 383               | 7.5             | 88           | 2.2         | < .5         | 8.2         | 3.5         | < 1          | 0.1          | 0.19         | 14.4         | 0.11           | 0.05            | 0.86              | 1.48             |
| 14/06/2005 | 08:30 |               | 20.8        | 8.0 | 475               | 9.4             | 99           | 3.8         | 2            | 10          | 3.7         | < 1          | 0.1          | 0.08         | 16.5         | 0.06           | 0.04            | 0.94              | 2.59             |
| 23/05/2005 | 14:30 |               | 17.9        | 8.0 | 403               | 9.4             | 94           | 5.2         | < .5         |             |             |              | 0.05         | 0.06         | 18.4         | 0.15           | 0.09            | 0.65              | 1.7              |
| 10/05/2005 | 08:30 |               | 14.5        | 8.0 | 371               | 8.9             | 83           | 9.2         | 1.1          | 15          | 5.2         | < 1          | 0.08         | 0.06         | 16.8         | 0.14           | 0.07            | 0.76              | 2.72             |
| 26/04/2005 | 14:30 |               | 14.1        | 7.7 | 311               | 10.1            | 94           | 21          | 0.7          | 17          | 5.4         | < 1          | 0.28         | 0.11         | 15.1         | 0.13           | 0.06            | 1.35              | 4.09             |
| 12/04/2005 | 08:40 |               | 10.8        | 8.0 | 363               | 10.2            | 88           | 21          | 0.7          | 17          | 5.4         | < 1          | 0.28         | 0.11         | 15.1         | 0.13           | 0.06            | 4.09              | 1.35             |
| 21/03/2005 | 10:45 |               | 11.9        | 7.6 | 349               | 12.2            | 113          | 18          | 1            | 14          | 4.4         | 0.6          | 0.06         | 0.05         | 21           | 0.1            | 0.1             | 7                 | 4                |
| 01/03/2005 | 11:00 |               | 1.7         | 7.6 | 392               | 14.6            | 105          | 12          | 1.9          | 14          | 4.5         | 0.5          | 0.05         | 0.05         | 25           | 0.07           | 0.09            | 5                 | 2                |
| 23/02/2005 | 11:00 |               | 3.5         | 7.7 | 404               | 13.7            | 103          | 13          |              | 21          | 5.1         | 0.6          | 0.07         | 0.05         | 25           | 0.14           | 0.09            | 5                 | 2                |
| 01/02/2005 | 10:50 |               | 3.8         | 7.6 | 369               | 13.2            | 100          | 27          |              | 20          | 5.5         | 0.8          | 0.12         | 0.05         | 24           | 0.14           | 0.13            | 5                 | 2                |

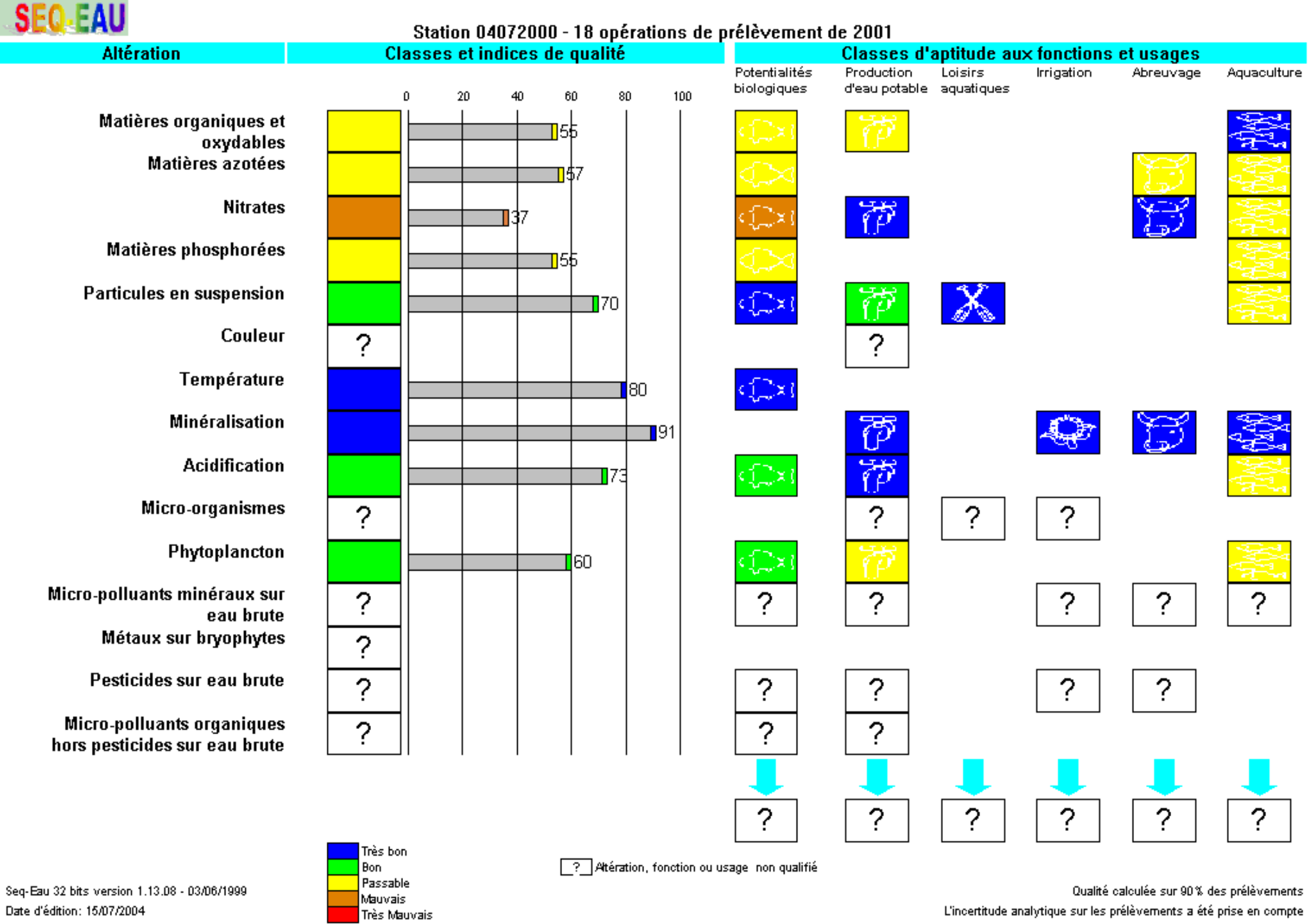
| Date prél. | Heure | Débit<br>m3/s | T°eau<br>°C | pH  | Cond.25°<br>µS/cm | O2 dis.<br>mg/l | Sat. O2<br>% | MES<br>mg/l | DBO5<br>mg/l | DCO<br>mg/l | COD<br>mg/l | N Kj<br>mg/l | NH4+<br>mg/l | NO2-<br>mg/l | NO3-<br>mg/l | PO4---<br>mg/l | P Total<br>mg/l | Chloro. a<br>µg/l | Phéopig.<br>µg/l |
|------------|-------|---------------|-------------|-----|-------------------|-----------------|--------------|-------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|----------------|-----------------|-------------------|------------------|
| 26/01/2005 | 10:50 |               | 3.7         | 7.5 | 287               | 12.6            | 95           | 250         |              | 63          | 13.0        | 2.4          | 0.1          | 0.03         | 17           | 0.15           | 0.48            |                   |                  |
| 04/01/2005 | 10:50 |               | 5.8         | 7.7 | 367               | 12.7            | 102          | 19          |              | 19          | 5.7         | 1            | 0.11         | 0.08         | 22           | 0.16           | 0.13            |                   |                  |
| 28/12/2004 | 11:30 |               | 5.1         | 7.6 | 375               | 12.5            | 98           | 26          |              | 24          | 6.2         | 0.9          | 0.13         | 0.08         | 21           | 0.15           | 0.14            |                   |                  |
| 14/12/2004 | 13:10 |               | 3.5         | 8.4 | 430               | 13.5            | 102          | 2           |              | 15          | 5.2         | 0.6          | 0.16         | 0.07         | 20           | 0.17           | 0.1             |                   |                  |
| 22/11/2004 | 12:50 |               | 8.5         | 8.2 | 489               | 11.8            | 101          | < 2         |              | 10          | 4.2         | 0.5          | 0.07         | 0.05         | 23           | 0.12           | 0.07            | < 2               | < 2              |
| 03/11/2004 | 12:30 |               | 11.8        | 8.0 | 476               | 10.2            | 94           | 4           |              | 11          | 4.5         | 0.5          | 0.14         | 0.09         | 22           | 0.16           | 0.09            | 2                 | < 2              |
| 26/10/2004 | 14:15 |               | 14.1        | 7.9 | 470               | 9.7             | 95           |             | < 1          |             |             |              | 0.1          | 0.07         | 22           | 0.15           | 0.08            | 4                 | 2                |
| 05/10/2004 | 12:45 |               | 17.4        | 8.1 | 453               | 9.8             | 102          | 2           | < 1          | 14          | 3.6         | < .5         | 0.12         | 0.1          | 21           | 0.07           | 0.05            | 3                 | < 2              |
| 30/09/2004 | 12:00 |               | 16.7        | 8.0 | 439               | 9.4             | 97           |             | < 1          |             |             |              | 0.2          | 0.09         | 20           | 0.07           | 0.05            | < 2               | < 2              |
| 01/09/2004 | 11:45 |               | 19.5        | 7.7 | 370               | 8.8             | 96           | 7           | < 1          | 19          | 6.4         | 0.8          | 0.08         | 0.07         | 18           | 0.22           | 0.12            | 4                 | 2                |
| 24/08/2004 | 12:15 |               | 20.0        | 7.8 | 378               | 9.1             | 100          |             | < 1          |             |             |              | < .05        | 0.06         | 19           | 0.18           | 0.14            | 18                | 10               |
| 11/08/2004 | 12:00 |               | 24.4        | 7.9 | 370               | 8.7             | 104          | 10          | < 1          | 20          | 4.1         | 0.7          | < .05        | 0.1          | 9.5          | < .01          | 0.07            | 28                | 13               |
| 12/07/2004 | 12:45 |               | 19.6        | 7.9 | 458               | 7.6             | 83           |             | < 1          |             |             |              | < .05        | 0.06         | 21           | 0.08           | 0.07            | < 2               | < 2              |
| 01/07/2004 | 11:30 |               | 22.2        | 8.1 | 476               | 6.2             | 71           | 3           | < 1          | < 10        | 3.1         | < .5         | < .05        | 0.06         | 22           | 0.11           | 0.08            | 3                 | < 2              |
| 22/06/2004 | 13:05 |               | 21.3        | 7.8 | 485               | 7.3             | 82           |             | < 1          |             |             |              | 0.09         | 0.07         | 23           | 0.18           | 0.1             | 3                 | < 2              |
| 01/06/2004 | 12:30 |               | 19.6        | 8.1 | 428               | 8.6             | 94           | 13          | 1            | 14          | 4.1         | 0.8          | 0.2          | 0.13         | 20           | < .01          | 0.1             | 31                | 16               |
| 25/05/2004 | 12:40 |               | 18.5        | 8.4 | 415               | 9.9             | 106          |             | 1            |             |             |              | 0.05         | 0.09         | 21           | < .01          | 0.07            | 24                | 15               |
| 03/05/2004 | 12:00 |               | 14.6        | 7.9 | 295               | 9.5             | 94           | 87          | < 1          | 34          | 9.1         | 1.5          | 0.08         | 0.05         | 14           | 0.13           | 0.22            | 27                | 15               |
| 20/04/2004 | 12:30 |               | 12.0        | 8.3 | 371               | 11.2            | 104          | 10          | < 1          | 16          | 4.4         | 0.6          | < .05        | 0.03         | 21           | 0.05           | 0.06            | 22                | 6                |
| 05/04/2004 | 12:40 |               | 13.0        | 8.4 | 428               | 11.2            | 107          | 32          | < 1          | 17          | 4.4         | 0.8          | < .05        | 0.03         | 26           | 0.02           | 0.09            | 28                | 11               |
| 16/03/2004 | 14:50 |               | 9.8         | 8.1 | 330               | 11.8            | 104          | 56          | 1.4          | 22          | 6.7         | 1            | 0.09         | 0.08         | 23           | 0.09           | 0.2             | 14                | 9                |
| 02/03/2004 | 12:00 |               | 4.4         | 8.2 | 404               | 13.1            | 101          | 11          | 1.3          | 12          | 4.5         | 0.5          | < .05        | 0.04         | 29           | 0.07           | 0.08            | 6                 | 3                |
| 17/02/2004 | 12:15 |               | 7.2         | 8.2 | 465               | 12.4            | 103          | 12          |              | 11          | 4.3         | 0.6          | 0.06         | 0.06         | 34           | 0.1            | 0.08            |                   |                  |
| 04/02/2004 | 13:45 |               | 8.0         | 7.9 | 403               | 11.7            | 99           | 29          |              | 14          | 5.8         | < .5         | 0.05         | 0.05         | 31           | 0.13           | 0.1             |                   |                  |
| 20/01/2004 | 11:45 |               | 6.2         | 7.8 | 283               | 11.4            | 92           | 69          |              | 32          | 8.9         | 1.1          | 0.06         | 0.04         | 22           | 0.19           | 0.25            |                   |                  |
| 05/01/2004 | 13:45 |               | 3.8         | 8.2 | 449               | 13.3            | 101          | 22          |              | 19          | 4.7         | 0.8          | 0.09         | 0.09         | 33           | 0.18           | 0.14            |                   |                  |
| 17/12/2003 | 13:00 |               | 6.0         | 8.1 | 439               | 12.3            | 99           | 18          |              | 24          | 5.6         | 0.8          | 0.11         | 0.11         | 30           | 0.15           | 0.12            |                   |                  |
| 02/12/2003 | 16:00 |               | 8.8         | 7.9 | 387               | 10.9            | 94           | 160         |              | 48          | 7.4         | 1.8          | 0.19         | 0.1          | 16           | 0.3            | 0.52            |                   |                  |
| 18/11/2003 | 10:45 |               | 8.8         | 8.3 | 454               | 12.9            | 111          | 19          |              | 30          | 4.8         | 1.2          | 0.14         | 0.11         | 20           | 0.04           | 0.12            | 110               | 32               |

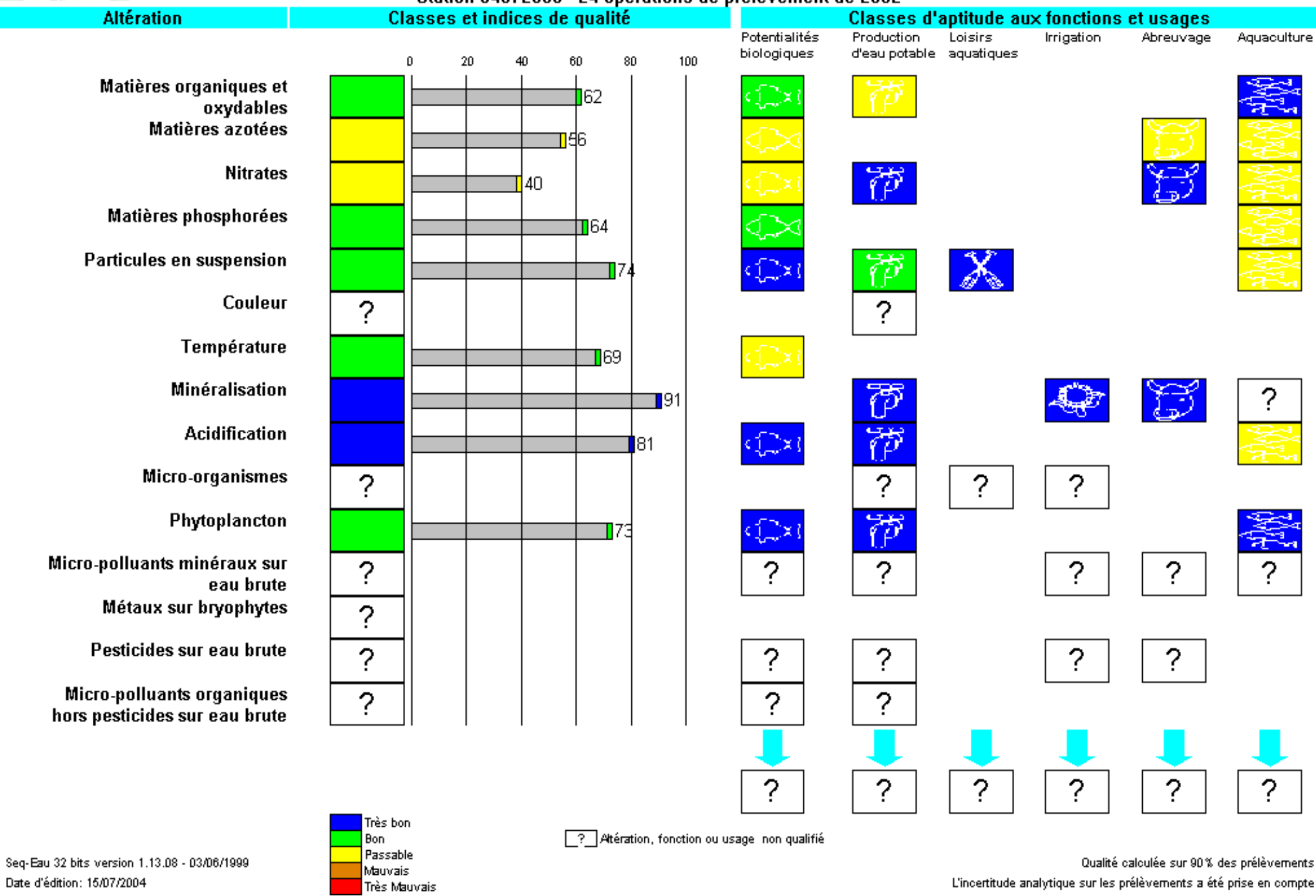
| Date prél. | Heure | Débit<br>m3/s | T°eau<br>°C | pH  | Cond.25°<br>µS/cm | O2 dis.<br>mg/l | Sat. O2<br>% | MES<br>mg/l | DBO5<br>mg/l | DCO<br>mg/l | COD<br>mg/l | N Kj<br>mg/l | NH4+<br>mg/l | NO2-<br>mg/l | NO3-<br>mg/l | PO4---<br>mg/l | P Total<br>mg/l | Chloro. a<br>µg/l | Phéopig.<br>µg/l |
|------------|-------|---------------|-------------|-----|-------------------|-----------------|--------------|-------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|----------------|-----------------|-------------------|------------------|
| 04/11/2003 | 13:35 |               | 10.1        | 8.6 | 492               | 12.6            | 112          | 30          |              | 23          | 4.5         | 1.2          | < .05        | 0.07         | 16           | < .01          | 0.12            | 118               | 39               |
| 26/10/2003 | 19:45 |               |             |     |                   |                 |              |             | 1.4          |             |             |              | 0.16         | 0.09         | 13           | < .01          | 0.09            | 37                | 10               |
| 07/10/2003 | 12:00 |               | 13.9        | 8.1 | 443               | 9.9             | 96           | 6           | < 1          | 11          | 3.2         | 0.5          | 0.11         | 0.08         | 12           | 0.06           | 0.05            | 8                 | 5                |
| 22/09/2003 | 18:45 |               |             |     |                   |                 |              |             | 1            |             |             |              | 0.08         | 0.06         | 10           | < .01          | 0.1             | 35                | 18               |
| 02/09/2003 | 12:30 |               | 21.6        | 8.3 | 358               | 9.9             | 112          | 14          | 1.2          | 18          | 4.0         | 0.8          | < .05        | 0.07         | 2.9          | < .01          | 0.09            | 39                | 20               |
| 27/08/2003 | 18:00 |               |             |     |                   |                 |              |             | 1.7          |             |             |              | 0.14         | 0.12         | 3.6          | < .01          | 0.09            | 49                | 31               |
| 05/08/2003 | 12:30 |               | 28.0        | 8.4 | 380               | 10.4            | 133          | 14          | < 1          | 17          | 3.5         | 0.9          | < .05        | 0.12         | 5.5          | 0.02           | 0.1             | 46                | 25               |
| 21/07/2003 | 19:00 |               |             |     |                   |                 |              |             | 2.5          |             |             |              | 0.19         | 0.14         | 5.2          | 0.09           | 0.14            | 130               | 56               |
| 02/07/2003 | 15:00 |               | 22.9        | 8.0 | 450               | 8.7             | 101          | 6           | < 1          | 17          | 3.2         | < .5         | 0.19         | 0.13         | 20           | 0.24           | 0.12            | 3                 | 2                |
| 23/06/2003 | 07:40 |               |             |     |                   |                 |              |             | < 1          |             |             |              | 0.06         | 0.08         | 23           | 0.2            | 0.1             | 2                 | 3                |
| 03/06/2003 | 14:25 |               | 24.1        | 8.2 | 428               | 8.8             | 105          | 14          | < 1          | 19          | 4.7         | 0.8          | < .05        | 0.13         | 18           | < .01          | 0.1             | 38                | 21               |
| 19/05/2003 | 14:35 |               |             |     |                   |                 |              |             | 2.2          |             |             |              | 0.14         | 0.1          | 22           | 0.01           | 0.1             | 42                | 33               |
| 06/05/2003 | 15:30 |               | 16.3        | 8.0 | 379               | 9.5             | 97           | 18          | < 1          | 26          | 8.2         | 1            | 0.14         | 0.12         | 17           | 0.06           | 0.09            | 22                | 16               |
| 15/04/2003 | 12:30 |               | 12.8        | 8.4 | 486               | 11.7            | 111          | 8           | < 1          | 15          | 2.9         | 0.7          | < .05        | 0.08         | 28           | < .01          | 0.05            | 30                | 16               |
| 01/04/2003 | 15:15 |               | 15.2        | 8.7 | 473               | 11.7            | 117          | 15          | < 1          | 28          | 3.7         | 0.7          | < .05        | 0.06         | 28           | 0.06           | 0.06            | 42                | 19               |
| 18/03/2003 | 13:00 |               | 10.0        | 8.6 | 407               | 12.0            | 107          | 12          | < 1          | 16          | 4.5         | 0.6          | < .05        | 0.03         | 25           | 0.03           | 0.08            | 21                | 9                |
| 04/03/2003 | 12:30 |               | 9.4         | 8.2 | 412               | 11.4            | 100          | 43          | < 1          | 20          | 6.3         | 1            | 0.1          | 0.08         | 28           | 0.13           | 0.16            | 9                 | 5                |
| 18/02/2003 | 13:00 |               | 3.5         | 8.3 | 403               | 13.0            | 98           | 16          |              | 16          | 5.3         | 0.6          | 0.07         | 0.04         | 28           | 0.11           | 0.09            | 3                 | < 2              |
| 05/02/2003 | 12:30 |               | 5.1         | 8.0 | 300               | 11.9            | 94           | 100         |              | 35          | 8.6         | 1.4          | 0.07         | 0.05         | 16           | 0.18           | 0.3             | 6                 | 5                |
| 21/01/2003 | 14:20 |               | 6.6         | 8.2 | 479               | 12.3            | 100          | 20          |              | 15          | 4.6         | 0.6          | 0.07         | 0.06         | 32           | 0.08           | 0.11            |                   |                  |
| 07/01/2003 | 14:20 |               | 4.0         | 8.1 | 294               | 11.9            | 91           | 85          |              | 36          | 10.0        | 1.8          | 0.07         | 0.03         | 17           | 0.15           | 0.3             |                   |                  |
| 18/12/2002 | 11:15 |               | 7.5         | 8.1 | 414               | 11.9            | 99           | 35          |              | 20          | 6.0         | 0.7          | 0.06         | 0.09         | 25           | 0.19           | 0.16            |                   |                  |
| 03/12/2002 | 12:10 |               | 8.2         | 8.2 | 396               | 11.3            | 96           | 40          |              | 23          | 7.3         | 1            | 0.12         | 0.07         | 23           | 0.17           | 0.17            |                   |                  |
| 19/11/2002 | 12:15 |               | 10.0        | 8.1 | 434               | 11.4            | 101          | 23          |              | 20          | 6.7         | 0.9          | 0.06         | 0.07         | 25           | 0.18           | 0.14            | 4                 | < 2              |
| 06/11/2002 | 14:00 |               | 12.0        | 7.9 | 482               | 11.0            | 102          | 25          |              | 18          | 6.2         | 1            | 0.09         | 0.09         | 21           | 0.23           | 0.17            | 4                 | < 2              |
| 15/10/2002 | 14:45 |               |             |     |                   |                 |              |             | < 1          |             |             |              | 0.08         | 0.06         | 15           | 0.14           | 0.08            | < 2               | < 2              |
| 01/10/2002 | 11:40 |               | 15.0        | 8.1 | 447               | 9.5             | 94           | 4           | < 1          | 15          | 4.6         | 0.7          | 0.18         | 0.08         | 17           | 0.22           | 0.11            | < 2               | < 2              |
| 18/09/2002 | 17:30 |               |             |     |                   |                 |              |             | < 1          |             |             |              | 0.11         | 0.08         | 16           | 0.24           | 0.12            | < 2               | < 2              |
| 03/09/2002 | 11:45 |               | 20.2        | 7.9 | 369               | 8.3             | 92           | 16          | < 1          | 20          | 6.2         | 0.8          | 0.14         | 0.12         | 13           | 0.27           | 0.18            | 2                 | < 2              |

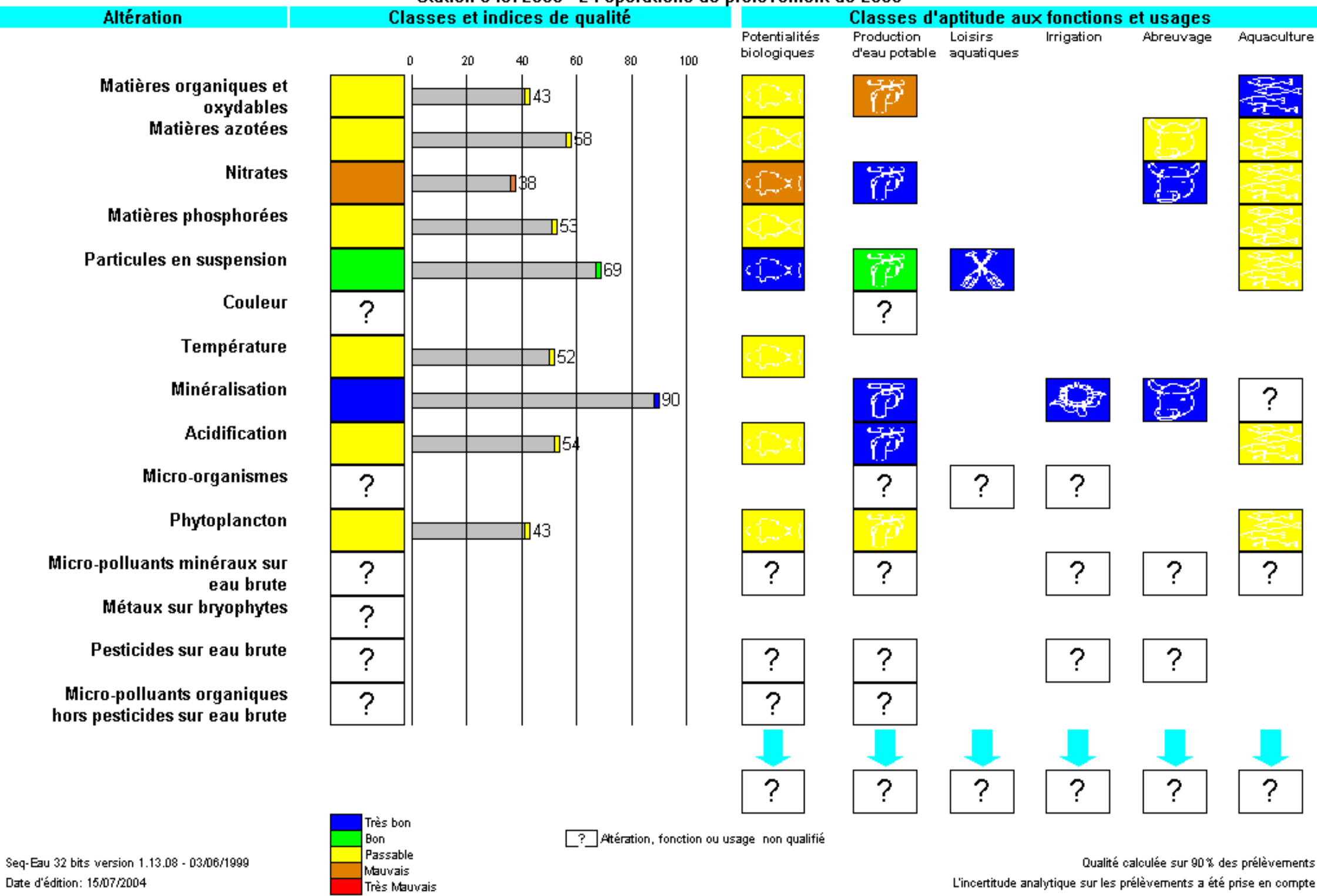
| Date prél. | Heure | Débit<br>m3/s | T°eau<br>°C | pH  | Cond.25°<br>µS/cm | O2 dis.<br>mg/l | Sat. O2<br>% | MES<br>mg/l | DBO5<br>mg/l | DCO<br>mg/l | COD<br>mg/l | N Kj<br>mg/l | NH4+<br>mg/l | NO2-<br>mg/l | NO3-<br>mg/l | PO4---<br>mg/l | P Total<br>mg/l | Chloro. a<br>µg/l | Phéopig.<br>µg/l |
|------------|-------|---------------|-------------|-----|-------------------|-----------------|--------------|-------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|----------------|-----------------|-------------------|------------------|
| 19/08/2002 | 19:00 |               |             |     |                   |                 |              |             | < 1          |             |             |              | 0.11         | 0.1          | 12           | 0.26           | 0.12            | 3                 | < 2              |
| 06/08/2002 | 17:50 |               |             |     |                   |                 |              |             | < 1          |             |             |              | 0.11         | 0.11         | 10           | 0.26           | 0.12            | 2                 | < 2              |
| 06/08/2002 | 12:15 |               | 22.7        | 7.9 | 454               | 7.5             | 87           | 5           | < 1          | 13          | 3.9         | 0.7          | 0.14         | 0.12         | 10           | 0.25           | 0.12            | 3                 | < 2              |
| 16/07/2002 | 14:45 |               |             |     |                   |                 |              |             | < 1          |             |             |              | 0.13         | 0.1          | 18           | 0.19           | 0.12            | < 2               | < 2              |
| 02/07/2002 | 15:15 |               | 20.6        | 7.9 | 432               | 7.6             | 85           | 14          | < 1          | 11          | 2.8         | 0.6          | 0.06         | 0.05         | 21           | 0.18           | 0.13            | 14                | 8                |
| 17/06/2002 | 06:40 |               |             |     |                   |                 |              |             | < 1          |             |             |              | 0.24         | 0.22         | 19           | 0.37           | 0.18            | 4                 | < 2              |
| 05/06/2002 | 12:00 |               | 19.9        | 7.7 | 425               | 7.4             | 81           | 9           | < 1          | 14          | 4.3         | 0.6          | 0.29         | 0.18         | 20           | 0.31           | 0.16            | 4                 | < 2              |
| 21/05/2002 | 07:30 |               |             |     |                   |                 |              |             | < 1          |             |             |              | 0.29         | 0.2          | 18           | 0.25           | 0.14            | 4                 | < 2              |
| 15/05/2002 | 13:15 |               | 17.2        | 7.7 | 410               | 8.7             | 91           | 7           | < 1          | 11          | 4.4         | 0.7          | 0.23         | 0.14         | 19           | 0.12           | 0.09            | 3                 | 2                |
| 16/04/2002 | 14:00 |               | 12.3        | 8.2 | 474               | 10.9            | 102          | 6           | < 1          | 12          | 3.9         | 0.7          | 0.2          | 0.11         | 25           | < .05          | 0.06            | 13                | 8                |
| 03/04/2002 | 17:30 |               | 13.9        | 8.1 | 444               | 10.3            | 100          | 6           | < 1          | 15          | 4.6         | 0.7          | 0.09         | 0.06         | 25           | 0.09           | 0.07            | 2                 | < 2              |
| 19/03/2002 | 13:10 |               | 12.4        | 8.1 | 413               | 10.8            | 101          | 27          | < 1          | 17          | 4.6         | 0.8          | 0.12         | 0.07         | 25           | 0.16           | 0.14            | 7                 | 3                |
| 05/03/2002 | 15:40 |               | 8.0         | 8.0 | 358               | 12.2            | 103          | 37          | < 1          | 23          | 7.1         | 1            | 0.09         | 0.06         | 22           | 0.16           | 0.17            | 7                 | 4                |
| 19/02/2002 | 12:42 |               | 5.9         | 8.1 | 341               | 12.8            | 103          | 21          |              | 22          | 7.1         | 1.1          | 0.09         | 0.07         | 20           | 0.17           | 0.16            | 7                 | 4                |
| 05/02/2002 | 11:24 |               | 8.8         | 8.2 | 424               | 11.6            | 100          | 9           |              | 15          | 5.0         | 0.6          | 0.1          | 0.09         | 25           | 0.17           | 0.1             | 3                 | < 2              |
| 22/01/2002 | 12:20 |               | 7.1         | 8.2 | 460               | 12.3            | 102          | 9           |              | 14          | 4.7         | 0.7          | 0.11         | 0.08         | 27           | 0.16           | 0.1             |                   |                  |
| 09/01/2002 | 15:35 |               | 2.7         | 8.5 | 436               | 12.4            | 91           | 11          |              | 18          | 5.5         | 0.7          | 0.13         | 0.07         | 28           | 0.14           | 0.1             |                   |                  |
| 03/07/2001 | 10:15 |               | 25.3        | 7.6 | 359               | 5.8             | 71           | 4           | 2            |             | 3.7         | 0.7          | 0.17         | 0.22         | 21           | < .05          | 0.08            | 8                 | 5                |
| 05/06/2001 | 11:00 |               | 19.7        | 8.5 | 434               | 10.2            | 112          | 15          | 3.8          |             | 4.0         | 0.7          | 0.05         | 0.06         | 27           | < .05          | 0.07            | 39                | 23               |
| 02/05/2001 | 10:30 |               | 12.4        | 7.8 | 276               | 9.8             | 92           | 96          | 3.6          |             | 9.2         | 1.6          | 0.08         | 0.08         | 14           | 0.22           | 0.26            | 13                | 2                |
| 17/04/2001 | 12:00 |               | 10.8        | 8.1 | 317               | 11.4            | 103          | 18          | 2.1          |             |             | 0.7          | 0.05         | < .03        | 23           | 0.12           | 0.1             |                   |                  |
| 03/04/2001 | 15:20 |               | 13.6        | 8.0 | 352               | 10.7            | 103          | 30          | 2.9          |             | 7.5         | 1            | 0.09         | 0.05         | 21           | 0.14           | 0.13            | 11                | 2                |
| 20/03/2001 | 15:00 |               | 10.4        | 8.0 | 253               | 10.9            | 98           | 44          | 2.5          |             |             | 1.2          | 0.1          | 0.06         | 20           | 0.17           | 0.17            |                   |                  |
| 06/03/2001 | 15:00 |               | 7.5         | 8.1 | 400               | 12.4            | 104          | 83          | 4.3          |             | 6.7         | 1.6          | 0.15         | 0.09         | 27           | 0.21           | 0.27            | 16                | 6                |
| 21/02/2001 | 10:30 |               | 6.2         | 8.3 | 470               | 12.4            | 100          | 11          | 2.4          |             |             | 0.6          | 0.07         | 0.06         | 32           | 0.16           | 0.1             |                   |                  |
| 06/02/2001 | 10:30 |               | 8.4         | 8.1 | 394               | 11.6            | 99           | 34          | 2.1          |             | 6.5         | 0.9          | 0.11         | 0.07         | 26           | 0.18           | 0.18            |                   |                  |
| 23/01/2001 | 11:00 |               | 6.8         | 8.1 | 450               | 12.1            | 99           | 14          | 2.3          |             |             | 0.7          | 0.15         | 0.09         | 29           | 0.17           | 0.07            |                   |                  |
| 09/01/2001 | 15:00 |               | 7.2         | 8.0 | 362               | 12.0            | 100          | 53          | 2.3          |             | 7.7         | 1.1          | 0.13         | 0.07         | 21           | 0.23           | 0.22            |                   |                  |
| 19/12/2000 | 11:20 |               | 8.5         | 8.1 | 461               | 11.5            | 99           | 16          | 2.1          |             |             | 0.7          | 0.18         | 0.07         | 30           | 0.23           | 0.15            |                   |                  |

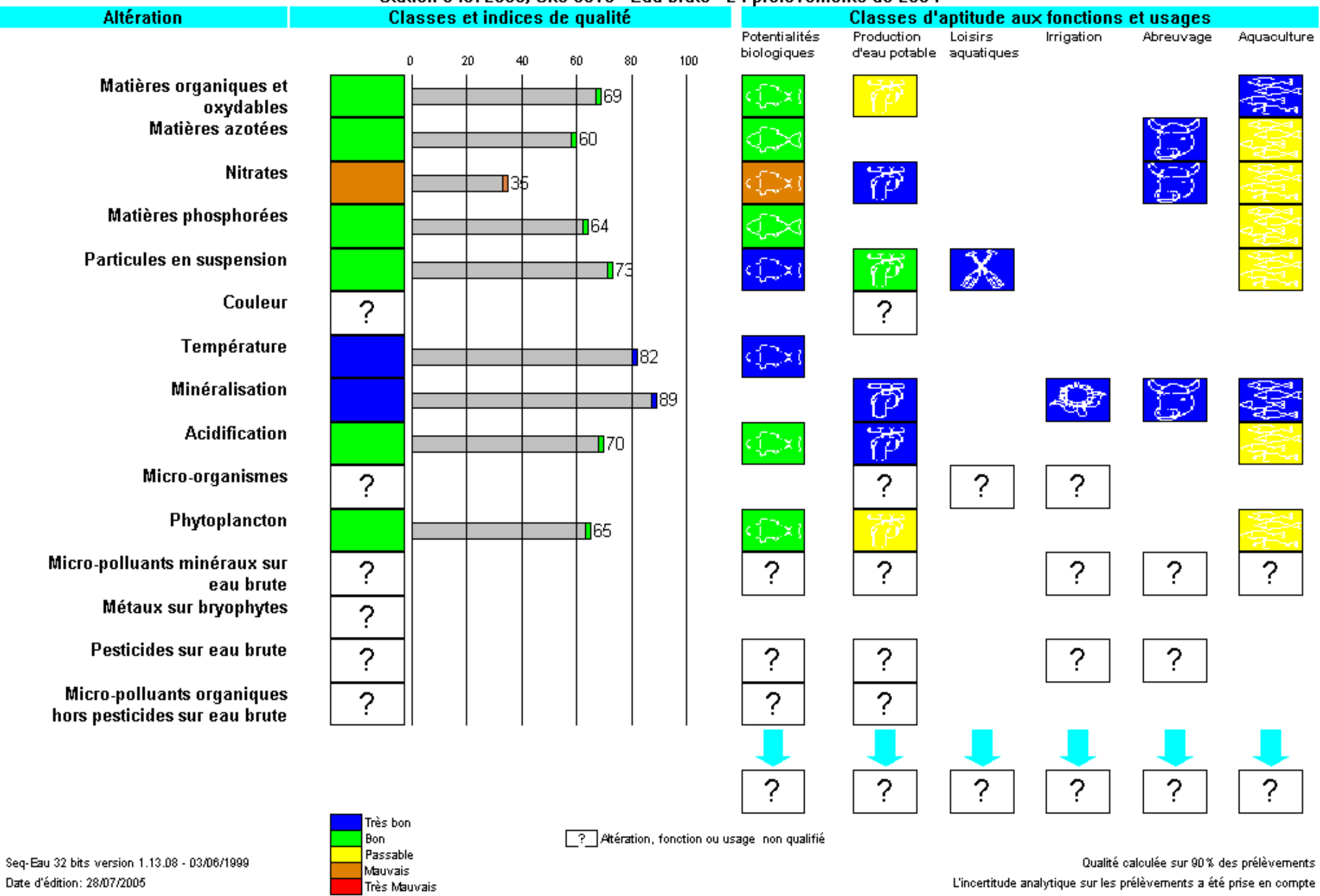
| Date prél. | Heure | Débit<br>m3/s | T°eau<br>°C | pH  | Cond.25°<br>µS/cm | O2 dis.<br>mg/l | Sat. O2<br>% | MES<br>mg/l | DBO5<br>mg/l | DCO<br>mg/l | COD<br>mg/l | N Kj<br>mg/l | NH4+<br>mg/l | NO2-<br>mg/l | NO3-<br>mg/l | PO4---<br>mg/l | P Total<br>mg/l | Chloro. a<br>µg/l | Phéopig.<br>µg/l |
|------------|-------|---------------|-------------|-----|-------------------|-----------------|--------------|-------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|----------------|-----------------|-------------------|------------------|
| 04/12/2000 | 11:30 |               | 9.8         | 8.0 | 389               | 11.0            | 97           | 84          | 3.1          |             | 8.1         | 1.3          | 0.13         | 0.11         | 24           | 0.26           | 0.33            |                   |                  |
| 20/11/2000 | 12:20 |               | 8.5         | 8.1 | 449               | 11.5            | 99           | 18          | 1.5          |             |             | 0.9          | 0.12         | 0.08         | 26           | 0.24           | 0.15            |                   |                  |
| 07/11/2000 | 15:30 |               | 10.0        | 8.2 | 464               | 11.2            | 99           | 14          | 2            |             | 5.1         | 0.6          | 0.13         | 0.06         | 20           | 0.3            | 0.15            |                   |                  |
| 02/10/2000 | 11:00 |               | 15.6        | 7.9 | 461               | 7.8             | 79           | 5           | 1.4          |             | 3.6         | 0.5          | 0.22         | 0.09         | 16           | 0.14           | 0.09            | 4                 | 3                |
| 04/09/2000 | 11:20 |               | 19.3        | 7.8 | 401               | 7.7             | 84           | 18          | 3.1          |             | 3.7         | 1.3          | 0.44         | 0.21         | 14           | < .05          | 0.17            | 68                | 22               |
| 01/08/2000 | 15:00 |               | 23.9        | 8.5 | 240               | 10.4            | 123          | 12          | 3.3          |             | 4.0         | 1.1          | < .05        | 0.06         | 19           | < .05          | 0.11            | 50                | 15               |
| 04/07/2000 | 11:00 |               | 22.4        | 7.8 | 436               | 6.8             | 78           | 8           | 1.1          |             | 4.0         | 0.6          | 0.12         | 0.09         | 19           | 0.21           | 0.13            | 9                 | < 2              |
| 06/06/2000 | 14:30 |               | 19.9        | 8.6 | 436               | 10.4            | 114          | 21          | 3.5          |             | 4.6         | 1            | 0.06         | 0.09         | 21           | < .05          | 0.11            | 39                | 33               |
| 02/05/2000 | 14:00 |               | 15.5        | 8.0 | 318               | 10.0            | 100          | 30          | 2.5          |             | 9.5         | 1.2          | 0.06         | 0.06         | 15           | 0.15           | 0.15            | 8                 | < 2              |
| 18/04/2000 | 12:00 |               | 11.7        | 8.0 | 308               | 11.0            | 102          | 50          | 3.4          |             |             | 1.5          | 0.05         | 0.05         | 15           | 0.16           | 0.21            |                   |                  |
| 03/04/2000 | 16:00 |               | 10.5        | 8.2 | 373               | 11.6            | 104          | 26          | 3.1          |             | 7.6         | 1.2          | 0.07         | 0.06         | 20           | 0.11           | 0.15            | 14                | 10               |
| 21/03/2000 | 10:20 |               | 10.4        | 8.4 | 475               | 12.4            | 110          | 11          | 2.9          |             |             | 0.8          | < .05        | < .05        | 29           | 0.05           | 0.08            |                   |                  |
| 07/03/2000 | 13:00 |               | 7.7         | 8.0 | 340               | 12.2            | 100          | 42          | 2.6          |             | 7.5         | 2            | 0.07         | 0.08         | 21           | 0.14           | 0.2             | 11                | 2                |
| 15/02/2000 | 14:00 |               | 8.0         | 8.0 | 400               | 12.3            | 103          | 27          | 2.2          |             |             | 1.3          | 0.07         | 0.07         | 24           | 0.14           | 0.16            |                   |                  |
| 02/02/2000 | 15:20 |               | 7.4         | 8.2 | 475               | 12.5            | 103          | 12          | 2.8          |             | 4.2         | 0.7          | 0.11         | 0.1          | 31           | 0.14           | 0.11            |                   |                  |
| 17/01/2000 | 15:15 |               | 4.9         | 8.1 | 435               | 12.9            | 98           | 16          | 2.1          |             |             | 0.7          | 0.07         | 0.06         | 30           | 0.16           | 0.11            |                   |                  |
| 06/01/2000 | 09:30 |               | 6.9         | 8.0 | 405               | 11.5            | 94           | 34          | 2.4          |             | 6.9         | 0.9          | 0.11         | 0.05         | 27           | 0.2            | 0.16            |                   |                  |

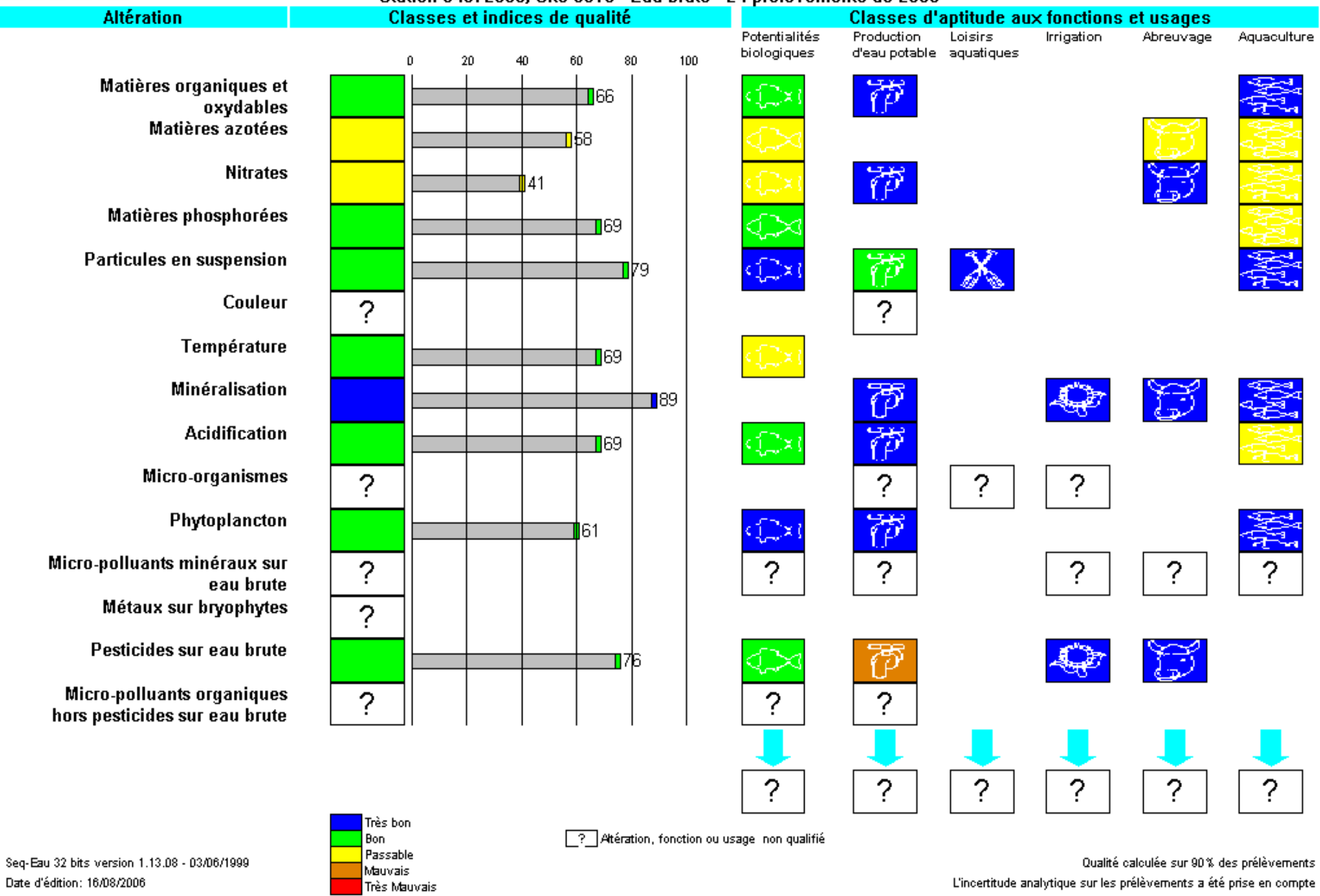


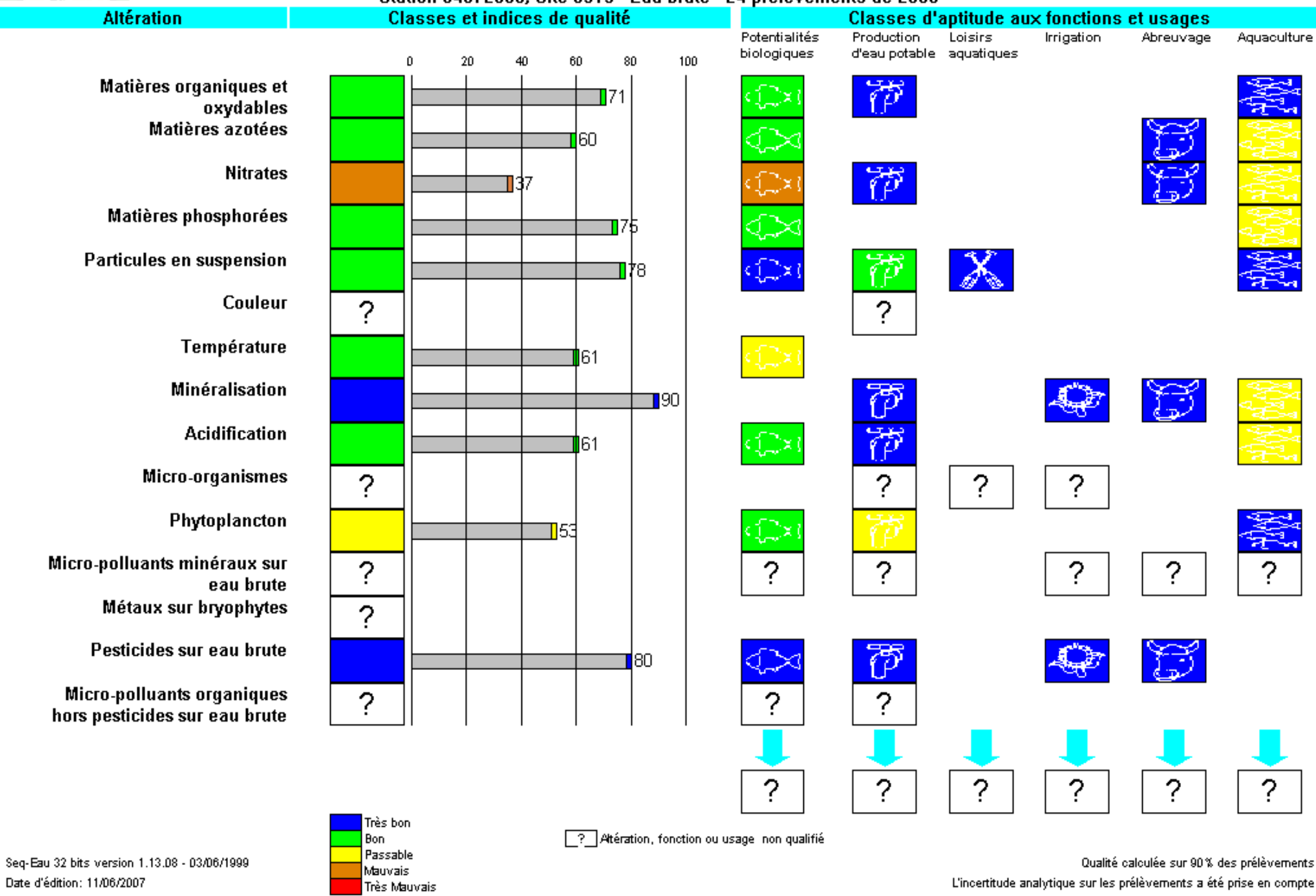


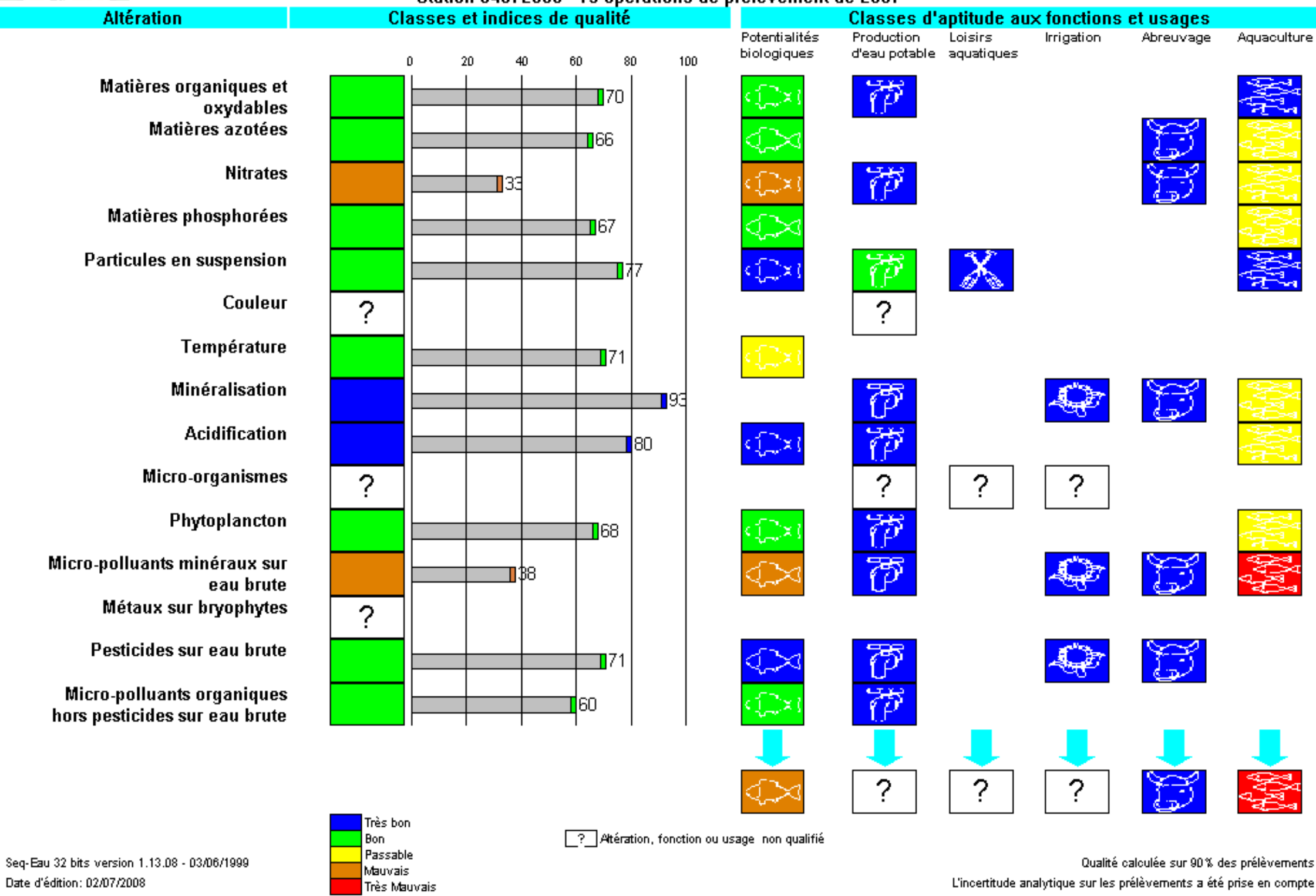


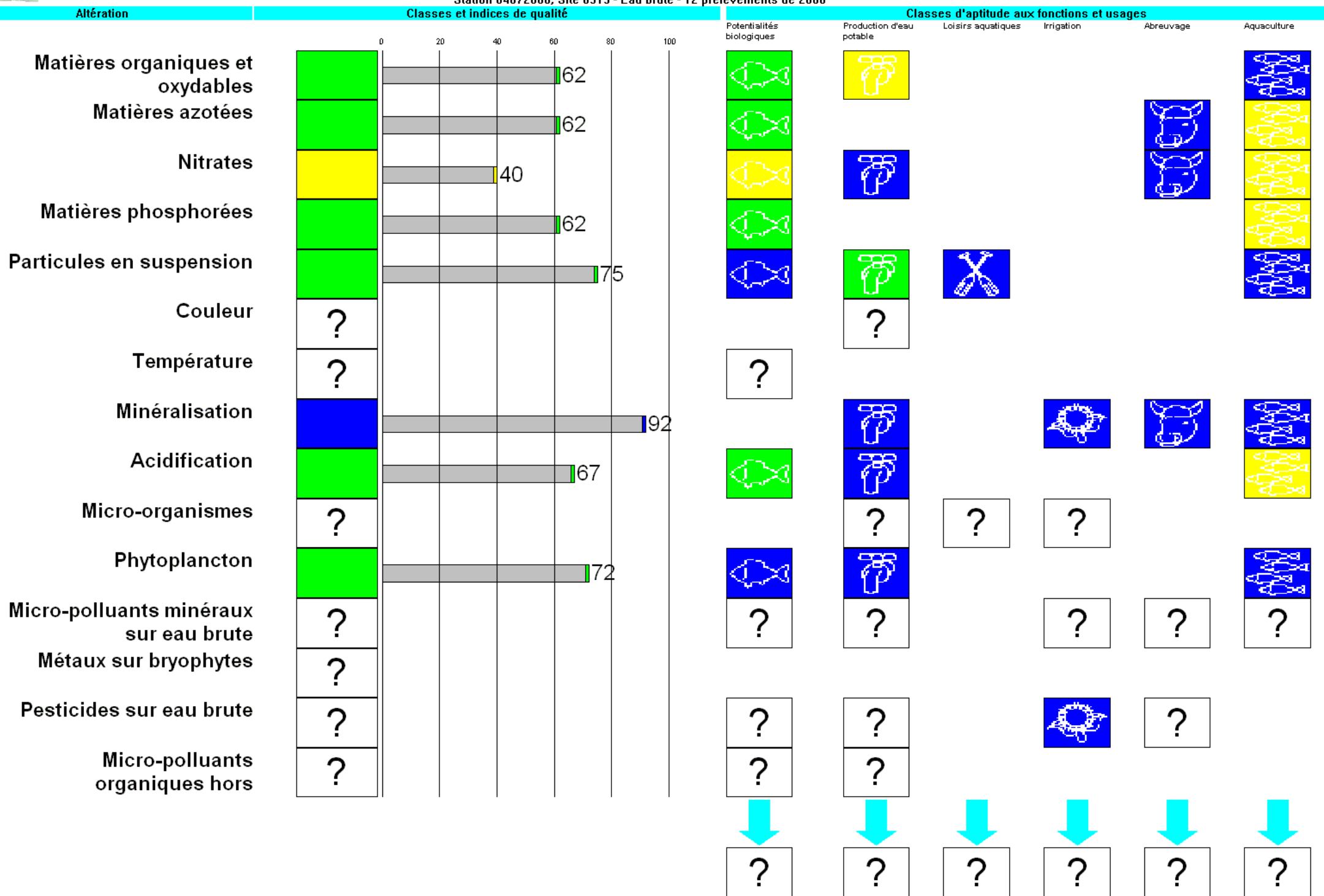












Altération, fonction ou usage non qualifié