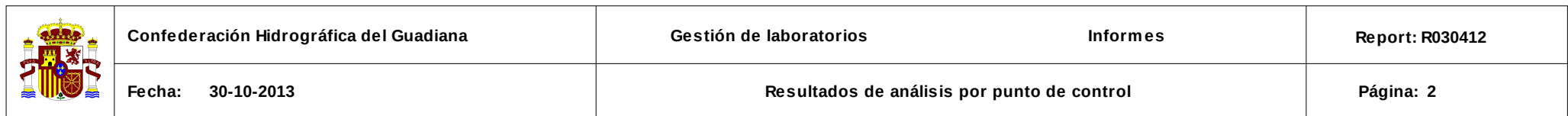


|                                                                                 |                                                |                                                    |                 |                        |
|---------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------|-----------------|------------------------|
|  | <b>Confederación Hidrográfica del Guadiana</b> | <b>Gestión de laboratorios</b>                     | <b>Informes</b> | <b>Report: R030412</b> |
|                                                                                 | <b>Fecha: 30-10-2013</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 1</b>       |

|                                         |                                                      |                                                            |
|-----------------------------------------|------------------------------------------------------|------------------------------------------------------------|
| <b>Código:</b> GN00000286               | <b>Nombre del punto:</b> 04.11 - Valverde de Leganés | <b>Cauce:</b>                                              |
| <b>Código de la masa de agua:</b> 30613 | <b>Nombre de la masa de agua:</b> ZAFRA - OLIVENZA   |                                                            |
| <b>Localidad:</b> Valverde de Leganés   | <b>Provincia:</b> Badajoz                            | <b>UTM X:</b> 153892 <b>UTM Y:</b> 4287866 <b>Huso:</b> 30 |

|                                             |       | ENERO | FEBRERO | MARZO<br>12-03-2013 | ABRIL | MAYO | JUNIO | JULIO | AGOSTO | SEPTIEMBRE<br>24-09-2013 | OCTUBRE | NOVIEMBRE | DICIEMBRE |
|---------------------------------------------|-------|-------|---------|---------------------|-------|------|-------|-------|--------|--------------------------|---------|-----------|-----------|
| % Oxígeno (in situ)                         | % SAT | ---   | ---     | ---                 | ---   | ---  | ---   | ---   | ---    | 55,0                     | ---     | ---       | ---       |
| Cloro residual total (in situ)              | mg/L  | ---   | ---     | ---                 | ---   | ---  | ---   | ---   | ---    | ---                      | ---     | ---       | ---       |
| Color aparente (in situ)                    | ----- | ---   | ---     | ---                 | ---   | ---  | ---   | ---   | ---    | CLARA                    | ---     | ---       | ---       |
| Conductividad a 20 °C (in situ)             | µS/cm | ---   | ---     | 870                 | ---   | ---  | ---   | ---   | ---    | 777                      | ---     | ---       | ---       |
| Nitritos (in situ)                          | mg/L  | ---   | ---     | 0,04                | ---   | ---  | ---   | ---   | ---    | 0,08                     | ---     | ---       | ---       |
| Olor (in situ)                              | ----- | ---   | ---     | ---                 | ---   | ---  | ---   | ---   | ---    | 0                        | ---     | ---       | ---       |
| Oxígeno disuelto (in situ)                  | mg/L  | ---   | ---     | ---                 | ---   | ---  | ---   | ---   | ---    | 5,3                      | ---     | ---       | ---       |
| pH (in situ)                                | pH    | ---   | ---     | 7,3                 | ---   | ---  | ---   | ---   | ---    | 6,8                      | ---     | ---       | ---       |
| Temperatura del agua "in situ" (in situ)    | °C    | ---   | ---     | 16,5                | ---   | ---  | ---   | ---   | ---    | 20,6                     | ---     | ---       | ---       |
| Acenafeno                                   | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Agentes tensoactivos (aniónicos)            | mg/L  | ---   | ---     | < 0,1               | ---   | ---  | ---   | ---   | ---    | 0,1                      | ---     | ---       | ---       |
| a-hch                                       | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Alaclor                                     | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Alcalinidad total                           | mg/L  | ---   | ---     | 332,3               | ---   | ---  | ---   | ---   | ---    | 331,2                    | ---     | ---       | ---       |
| Aldrin                                      | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Aluminio                                    | mg/L  | ---   | ---     | < 0,1000            | ---   | ---  | ---   | ---   | ---    | < 0,1000                 | ---     | ---       | ---       |
| Ametrin                                     | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Amonio total                                | mg/L  | ---   | ---     | < 0,05              | ---   | ---  | ---   | ---   | ---    | < 0,05                   | ---     | ---       | ---       |
| Antraceno                                   | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Arsénico                                    | mg/L  | ---   | ---     | < 0,025000          | ---   | ---  | ---   | ---   | ---    | < 0,025000               | ---     | ---       | ---       |
| Atraton                                     | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| atrazina                                    | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Bario                                       | mg/L  | ---   | ---     | 0,1504              | ---   | ---  | ---   | ---   | ---    | 0,1333                   | ---     | ---       | ---       |
| Benzo(a)Antraceno                           | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Benzo(a,h)Antraceno (Dibenzo(a,h)antraceno) | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Benzo(a)Pireno                              | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Benzo(b)Fluoranteno                         | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Benzo(g,h,i)Perileno                        | µg/L  | ---   | ---     | < 0,040             | ---   | ---  | ---   | ---   | ---    | < 0,040                  | ---     | ---       | ---       |



**Cause:**

**Nombre de la masa de agua:** ZAFRA - OLIVENZA

**Provincia:** Badajoz

UTM X: 153892

UTM Y: 4287866

Huso: 30

[illegible]

|                                                                                 |                                                |                                                    |                 |                        |
|---------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------|-----------------|------------------------|
|  | <b>Confederación Hidrográfica del Guadiana</b> | <b>Gestión de laboratorios</b>                     | <b>Informes</b> | <b>Report: R030412</b> |
|                                                                                 | <b>Fecha: 30-10-2013</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 3</b>       |

|                                         |                                                      |                                                            |
|-----------------------------------------|------------------------------------------------------|------------------------------------------------------------|
| <b>Código:</b> GN00000286               | <b>Nombre del punto:</b> 04.11 - Valverde de Leganés | <b>Cauce:</b>                                              |
| <b>Código de la masa de agua:</b> 30613 | <b>Nombre de la masa de agua:</b> ZAFRA - OLIVENZA   |                                                            |
| <b>Localidad:</b> Valverde de Leganés   | <b>Provincia:</b> Badajoz                            | <b>UTM X:</b> 153892 <b>UTM Y:</b> 4287866 <b>Huso:</b> 30 |

|                                 |       | ENERO | FEBRERO | MARZO<br>12-03-2013     | ABRIL | MAYO | JUNIO | JULIO | AGOSTO | SEPTIEMBRE<br>24-09-2013 | OCTUBRE | NOVIEMBRE | DICIEMBRE |
|---------------------------------|-------|-------|---------|-------------------------|-------|------|-------|-------|--------|--------------------------|---------|-----------|-----------|
| Dureza total                    | mg/L  | ---   | ---     | 398,5                   | ---   | ---  | ---   | ---   | ---    | 358,0                    | ---     | ---       | ---       |
| Endosulfán I                    | µg/L  | ---   | ---     | < 0,020                 | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Endosulfán II                   | µg/L  | ---   | ---     | < 0,020                 | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Endosulfán Sulfato              | µg/L  | ---   | ---     | < 0,020                 | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Endrín                          | µg/L  | ---   | ---     | < 0,020                 | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Endrín Aldehído                 | µg/L  | ---   | ---     | < 0,020                 | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Estaño                          | mg/L  | ---   | ---     | < 0,1000                | ---   | ---  | ---   | ---   | ---    | < 0,1000                 | ---     | ---       | ---       |
| Estroncio                       | mg/L  | ---   | ---     | < 0,5000                | ---   | ---  | ---   | ---   | ---    | < 0,5000                 | ---     | ---       | ---       |
| Etil-Paratión                   | µg/L  | ---   | ---     | < 0,020                 | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Fenantreno                      | µg/L  | ---   | ---     | < 0,020                 | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Fenoles                         | mg/L  | ---   | ---     | < 0,050                 | ---   | ---  | ---   | ---   | ---    | < 0,050                  | ---     | ---       | ---       |
| Fluoranteno                     | µg/L  | ---   | ---     | < 0,020                 | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Fluoreno                        | µg/L  | ---   | ---     | < 0,020                 | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Fluoruros                       | mg/L  | ---   | ---     | 0,38                    | ---   | ---  | ---   | ---   | ---    | 1,15                     | ---     | ---       | ---       |
| Fosfatos                        | mg/L  | ---   | ---     | < 0,05                  | ---   | ---  | ---   | ---   | ---    | < 0,05                   | ---     | ---       | ---       |
| Fósforo total                   | mg/L  | ---   | ---     | < 0,1000                | ---   | ---  | ---   | ---   | ---    | < 0,1000                 | ---     | ---       | ---       |
| Glifosato                       | µg/L  | ---   | ---     | ---                     | ---   | ---  | ---   | ---   | ---    | < 0,050                  | ---     | ---       | ---       |
| Heptacloro                      | µg/L  | ---   | ---     | < 0,020                 | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Heptacloro epóxido              | µg/L  | ---   | ---     | < 0,020                 | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Hexaclorobenceno                | µg/L  | ---   | ---     | < 0,020                 | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Hidróxidos                      | mg/L  | ---   | ---     | < 0,1                   | ---   | ---  | ---   | ---   | ---    | < 0,1                    | ---     | ---       | ---       |
| Hierro                          | mg/L  | ---   | ---     | < 0,1000                | ---   | ---  | ---   | ---   | ---    | < 0,1000                 | ---     | ---       | ---       |
| Imazalil                        | µg/L  | ---   | ---     | < 0,050                 | ---   | ---  | ---   | ---   | ---    | < 0,050                  | ---     | ---       | ---       |
| Indeno(1,2,3-cd)Pireno          | µg/L  | ---   | ---     | < 0,050                 | ---   | ---  | ---   | ---   | ---    | < 0,050                  | ---     | ---       | ---       |
| Investigación de Salmonella Sp. | ----- | ---   | ---     | Salmonella<br>no Detect | ---   | ---  | ---   | ---   | ---    | Salmonella<br>no detect  | ---     | ---       | ---       |
| Isodrín                         | µg/L  | ---   | ---     | < 0,020                 | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Isoproturon                     | µg/L  | ---   | ---     | < 0,020                 | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Lindano                         | µg/L  | ---   | ---     | < 0,020                 | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |

|                                                                                 |                                                |                                                    |                 |                        |
|---------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------|-----------------|------------------------|
|  | <b>Confederación Hidrográfica del Guadiana</b> | <b>Gestión de laboratorios</b>                     | <b>Informes</b> | <b>Report: R030412</b> |
|                                                                                 | <b>Fecha: 30-10-2013</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 4</b>       |

|                                         |                                                      |                                                            |
|-----------------------------------------|------------------------------------------------------|------------------------------------------------------------|
| <b>Código:</b> GN00000286               | <b>Nombre del punto:</b> 04.11 - Valverde de Leganés | <b>Cauce:</b>                                              |
| <b>Código de la masa de agua:</b> 30613 | <b>Nombre de la masa de agua:</b> ZAFRA - OLIVENZA   |                                                            |
| <b>Localidad:</b> Valverde de Leganés   | <b>Provincia:</b> Badajoz                            | <b>UTM X:</b> 153892 <b>UTM Y:</b> 4287866 <b>Huso:</b> 30 |

|                   |       | ENERO | FEBRERO | MARZO<br>12-03-2013 | ABRIL | MAYO | JUNIO | JULIO | AGOSTO | SEPTIEMBRE<br>24-09-2013 | OCTUBRE | NOVIEMBRE | DICIEMBRE |
|-------------------|-------|-------|---------|---------------------|-------|------|-------|-------|--------|--------------------------|---------|-----------|-----------|
| Magnesio          | mg/L  | ---   | ---     | 40,7600             | ---   | ---  | ---   | ---   | ---    | 37,8800                  | ---     | ---       | ---       |
| Malatión          | µg/L  | ---   | ---     | < 0,050             | ---   | ---  | ---   | ---   | ---    | < 0,050                  | ---     | ---       | ---       |
| Manganeso         | mg/L  | ---   | ---     | < 0,1000            | ---   | ---  | ---   | ---   | ---    | < 0,1000                 | ---     | ---       | ---       |
| MCPA              | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Mercurio          | mg/L  | ---   | ---     | < 0,000050          | ---   | ---  | ---   | ---   | ---    | < 0,000050               | ---     | ---       | ---       |
| Metil Paratión    | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Metilclorpirifos  | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Metolaclor        | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Molinate          | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Níquel            | mg/L  | ---   | ---     | < 0,0500            | ---   | ---  | ---   | ---   | ---    | < 0,0500                 | ---     | ---       | ---       |
| Nitratos          | mg/L  | ---   | ---     | 43,1                | ---   | ---  | ---   | ---   | ---    | 40,6                     | ---     | ---       | ---       |
| Olor              | ----- | ---   | ---     | 0                   | ---   | ---  | ---   | ---   | ---    | 0                        | ---     | ---       | ---       |
| Oxifluorfen       | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| PAH               | mg/L  | ---   | ---     | < 0,00020           | ---   | ---  | ---   | ---   | ---    | ---                      | ---     | ---       | ---       |
| PCB 101           | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| PCB 118           | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| PCB 138           | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| PCB 153           | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| PCB 180           | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| PCB 28            | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| PCB 52            | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| PCB's             | µg/L  | ---   | ---     | < 0,14              | ---   | ---  | ---   | ---   | ---    | ---                      | ---     | ---       | ---       |
| Pentaclorobenceno | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| pH                | pH    | ---   | ---     | 7,6                 | ---   | ---  | ---   | ---   | ---    | 7,6                      | ---     | ---       | ---       |
| Pireno            | µg/L  | ---   | ---     | < 0,010             | ---   | ---  | ---   | ---   | ---    | < 0,010                  | ---     | ---       | ---       |
| Plaguicidas total | mg/L  | ---   | ---     | < 0,00100           | ---   | ---  | ---   | ---   | ---    | ---                      | ---     | ---       | ---       |
| Plomo             | mg/L  | ---   | ---     | < 0,025000          | ---   | ---  | ---   | ---   | ---    | < 0,025000               | ---     | ---       | ---       |
| Potasio           | mg/L  | ---   | ---     | 1,7150              | ---   | ---  | ---   | ---   | ---    | 1,6060                   | ---     | ---       | ---       |
| PP-DDD            | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |

|                                                                                 |                                                |                                                    |                 |                        |
|---------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------|-----------------|------------------------|
|  | <b>Confederación Hidrográfica del Guadiana</b> | <b>Gestión de laboratorios</b>                     | <b>Informes</b> | <b>Report: R030412</b> |
|                                                                                 | <b>Fecha: 30-10-2013</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 5</b>       |

|                                         |                                                      |                                                            |
|-----------------------------------------|------------------------------------------------------|------------------------------------------------------------|
| <b>Código:</b> GN00000286               | <b>Nombre del punto:</b> 04.11 - Valverde de Leganés | <b>Cauce:</b>                                              |
| <b>Código de la masa de agua:</b> 30613 | <b>Nombre de la masa de agua:</b> ZAFRA - OLIVENZA   |                                                            |
| <b>Localidad:</b> Valverde de Leganés   | <b>Provincia:</b> Badajoz                            | <b>UTM X:</b> 153892 <b>UTM Y:</b> 4287866 <b>Huso:</b> 30 |

|                                   |         | ENERO | FEBRERO | MARZO<br>12-03-2013 | ABRIL | MAYO | JUNIO | JULIO | AGOSTO | SEPTIEMBRE<br>24-09-2013 | OCTUBRE | NOVIEMBRE | DICIEMBRE |
|-----------------------------------|---------|-------|---------|---------------------|-------|------|-------|-------|--------|--------------------------|---------|-----------|-----------|
| PP-DDE                            | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| PP-DDT                            | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Prometon                          | µg/L    | ---   | ---     | < 0,050             | ---   | ---  | ---   | ---   | ---    | < 0,050                  | ---     | ---       | ---       |
| Prometrín                         | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Propazina                         | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Recuento de Coliformes fecales    | UFC/100 | ---   | ---     | < 10                | ---   | ---  | ---   | ---   | ---    | < 10                     | ---     | ---       | ---       |
| Recuento de Coliformes totales    | UFC/100 | ---   | ---     | 42                  | ---   | ---  | ---   | ---   | ---    | < 10                     | ---     | ---       | ---       |
| Recuento de Estreptococos fecales | UFC/100 | ---   | ---     | 15                  | ---   | ---  | ---   | ---   | ---    | < 10                     | ---     | ---       | ---       |
| Selenio                           | mg/L    | ---   | ---     | < 0,025000          | ---   | ---  | ---   | ---   | ---    | < 0,025000               | ---     | ---       | ---       |
| Sílice                            | mg/L    | ---   | ---     | 19,3000             | ---   | ---  | ---   | ---   | ---    | 18,5100                  | ---     | ---       | ---       |
| Simazina                          | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Simetrín                          | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Sodio                             | mg/L    | ---   | ---     | 32,7600             | ---   | ---  | ---   | ---   | ---    | 21,2200                  | ---     | ---       | ---       |
| Sólidos en Suspensión             | mg/L    | ---   | ---     | < 10                | ---   | ---  | ---   | ---   | ---    | < 10                     | ---     | ---       | ---       |
| Sulfatos                          | mg/L    | ---   | ---     | 34,9                | ---   | ---  | ---   | ---   | ---    | 28,9                     | ---     | ---       | ---       |
| Terbutilazina                     | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Terbutrín                         | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |
| Trifluralín                       | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | ---   | ---   | ---    | < 0,020                  | ---     | ---       | ---       |