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|  | <b>Confederación Hidrográfica del Guadiana</b> | <b>Gestión de laboratorios</b>                     | <b>Informes</b> | <b>Report: R030412</b> |
|                                                                                 | <b>Fecha: 07-01-2015</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 1</b>       |

|                                         |                                                                     |                                                            |
|-----------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------|
| <b>Código:</b> GN00000832               | <b>Nombre del punto:</b> 04.07 - Piedrabuena - La Vega -Expte 15336 | <b>Cauce:</b>                                              |
| <b>Código de la masa de agua:</b> 30601 | <b>Nombre de la masa de agua:</b> BULLAQUE                          |                                                            |
| <b>Localidad:</b> Piedrabuena           | <b>Provincia:</b> Ciudad Real                                       | <b>UTM X:</b> 395435 <b>UTM Y:</b> 4320017 <b>Huso:</b> 30 |

|                                          |       | ENERO | FEBRERO | MARZO | ABRIL | MAYO | JUNIO | JULIO | AGOSTO | SEPTIEMBRE | OCTUBRE<br>20-10-2014 | NOVIEMBRE<br>24-11-2014 | DICIEMBRE |
|------------------------------------------|-------|-------|---------|-------|-------|------|-------|-------|--------|------------|-----------------------|-------------------------|-----------|
| % Oxígeno (in situ)                      | % SAT | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 48,7                  | 70,2                    | ---       |
| Cloro residual total (in situ)           | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | ---                   | ---                     | ---       |
| Color aparente (in situ)                 | ----- | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | ---                   | ---                     | ---       |
| Conductividad a 20 °C (in situ)          | µS/cm | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 725                   | 761                     | ---       |
| Nitritos (in situ)                       | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 0,03                  | 0,02                    | ---       |
| Olor (in situ)                           | ----- | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | ---                   | ---                     | ---       |
| Oxígeno disuelto (in situ)               | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 4,1                   | 6,2                     | ---       |
| pH (in situ)                             | pH    | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 6,5                   | 6,7                     | ---       |
| Temperatura del agua "in situ" (in situ) | °C    | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 20,6                  | 18,8                    | ---       |
| Alcalinidad total                        | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 294,1                 | 300,3                   | ---       |
| Aluminio                                 | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | < 0,1000              | < 0,1000                | ---       |
| Amonio total                             | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 0,22                  | 0,16                    | ---       |
| Arsénico                                 | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | < 0,025000            | < 0,025000              | ---       |
| Bario                                    | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 0,1079                | 0,1093                  | ---       |
| Bicarbonatos                             | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 294,1                 | 300,3                   | ---       |
| Boro                                     | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | < 0,1000              | < 0,1000                | ---       |
| Cadmio                                   | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | < 0,025000            | < 0,025000              | ---       |
| Calcio                                   | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 51,4100               | 55,0600                 | ---       |
| Carbonatos                               | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | < 0,1                 | < 0,1                   | ---       |
| Cinc                                     | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | < 0,1000              | < 0,1000                | ---       |
| Cloruros                                 | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 45,5                  | 48,1                    | ---       |
| Cobalto                                  | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | < 0,0500              | < 0,0500                | ---       |
| Cobre                                    | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | < 0,1000              | < 0,1000                | ---       |
| Conductividad a 20 °C                    | µS/cm | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 716                   | 702                     | ---       |
| Cromo                                    | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | < 0,025000            | < 0,025000              | ---       |
| Dureza total                             | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 284,3                 | 299,3                   | ---       |
| Estaño                                   | mg/L  | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | < 0,1000              | < 0,1000                | ---       |

|                                                                                 |                                                |                                                    |                 |                        |
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|                                                                                 | <b>Fecha: 07-01-2015</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 2</b>       |

|                                         |                                                                     |                                                            |
|-----------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------|
| <b>Código:</b> GN00000832               | <b>Nombre del punto:</b> 04.07 - Piedrabuena - La Vega -Expte 15336 | <b>Cauce:</b>                                              |
| <b>Código de la masa de agua:</b> 30601 | <b>Nombre de la masa de agua:</b> BULLAQUE                          |                                                            |
| <b>Localidad:</b> Piedrabuena           | <b>Provincia:</b> Ciudad Real                                       | <b>UTM X:</b> 395435 <b>UTM Y:</b> 4320017 <b>Huso:</b> 30 |

|               |      | ENERO | FEBRERO | MARZO | ABRIL | MAYO | JUNIO | JULIO | AGOSTO | SEPTIEMBRE | OCTUBRE<br>20-10-2014 | NOVIEMBRE<br>24-11-2014 | DICIEMBRE |
|---------------|------|-------|---------|-------|-------|------|-------|-------|--------|------------|-----------------------|-------------------------|-----------|
| Estroncio     | mg/L | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | < 0,5000              | < 0,5000                | ---       |
| Fósforo total | mg/L | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 0,2552                | 0,2314                  | ---       |
| Hidróxidos    | mg/L | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | < 0,1                 | < 0,1                   | ---       |
| Hierro        | mg/L | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | < 0,1000              | < 0,1000                | ---       |
| Magnesio      | mg/L | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 37,8100               | 39,2400                 | ---       |
| Manganeso     | mg/L | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | < 0,1000              | < 0,1000                | ---       |
| Mercurio      | mg/L | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | < 0,000050            | < 0,000050              | ---       |
| Níquel        | mg/L | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | < 0,0500              | < 0,0500                | ---       |
| Nitratos      | mg/L | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 22,5                  | 7,1                     | ---       |
| pH            | pH   | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 7,9                   | 7,9                     | ---       |
| Plomo         | mg/L | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | < 0,025000            | < 0,025000              | ---       |
| Potasio       | mg/L | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 7,0120                | 6,1930                  | ---       |
| Selenio       | mg/L | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | < 0,025000            | < 0,025000              | ---       |
| Sílice        | mg/L | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 25,7300               | 24,2200                 | ---       |
| Sodio         | mg/L | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 41,9200               | 44,5000                 | ---       |
| Sulfatos      | mg/L | ---   | ---     | ---   | ---   | ---  | ---   | ---   | ---    | ---        | 41,5                  | 38,7                    | ---       |