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|---------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------|-----------------|------------------------|
|  | <b>Confederación Hidrográfica del Guadiana</b> | <b>Gestión de laboratorios</b>                     | <b>Informes</b> | <b>Report: R030412</b> |
|                                                                                 | <b>Fecha: 22-09-2011</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 1</b>       |

|                                         |                                                       |                                                            |
|-----------------------------------------|-------------------------------------------------------|------------------------------------------------------------|
| <b>Código:</b> GN00000217               | <b>Nombre del punto:</b> 04.04 - Carrión de Calatrava | <b>Cauce:</b>                                              |
| <b>Código de la masa de agua:</b> 30606 | <b>Nombre de la masa de agua:</b> MANCHA OCCIDENTAL I |                                                            |
| <b>Localidad:</b> Carrión de Calatrava  | <b>Provincia:</b> Ciudad Real                         | <b>UTM X:</b> 430425 <b>UTM Y:</b> 4319213 <b>Huso:</b> 30 |

|                   |       | ENERO<br>13-01-2010 | FEBRERO | MARZO | ABRIL | MAYO | JUNIO<br>28-06-2010 | JULIO | AGOSTO | SEPTIEMBRE | OCTUBRE<br>04-10-2010 | NOVIEMBRE | DICIEMBRE |
|-------------------|-------|---------------------|---------|-------|-------|------|---------------------|-------|--------|------------|-----------------------|-----------|-----------|
| Alcalinidad total | mg/L  | 280,1               | ---     | ---   | ---   | ---  | 495,4               | ---   | ---    | ---        | 913,7                 | ---       | ---       |
| Aluminio          | mg/L  | 0,1285              | ---     | ---   | ---   | ---  | < 0,1000            | ---   | ---    | ---        | < 0,1000              | ---       | ---       |
| Amonio total      | mg/L  | 0,18                | ---     | ---   | ---   | ---  | 0,18                | ---   | ---    | ---        | 0,40                  | ---       | ---       |
| Arsénico          | µg/L  | 3,73                | ---     | ---   | ---   | ---  | 3,478               | ---   | ---    | ---        | 2,724                 | ---       | ---       |
| Bario             | mg/L  | < 0,0500            | ---     | ---   | ---   | ---  | < 0,0500            | ---   | ---    | ---        | < 0,0500              | ---       | ---       |
| Bicarbonatos      | mg/L  | 280,1               | ---     | ---   | ---   | ---  | 495,4               | ---   | ---    | ---        | 913,7                 | ---       | ---       |
| Boro              | mg/L  | 0,3058              | ---     | ---   | ---   | ---  | 0,3232              | ---   | ---    | ---        | 0,3387                | ---       | ---       |
| Cadmio            | µg/L  | < 0,50              | ---     | ---   | ---   | ---  | < 1,000             | ---   | ---    | ---        | < 1,000               | ---       | ---       |
| Calcio            | mg/L  | 560,0000            | ---     | ---   | ---   | ---  | 666,6000            | ---   | ---    | ---        | 632,4000              | ---       | ---       |
| Carbonatos        | mg/L  | < 0,1               | ---     | ---   | ---   | ---  | < 0,1               | ---   | ---    | ---        | < 0,1                 | ---       | ---       |
| Cinc              | mg/L  | < 0,1000            | ---     | ---   | ---   | ---  | < 0,1000            | ---   | ---    | ---        | < 0,1000              | ---       | ---       |
| Cloruros          | mg/L  | 348,5               | ---     | ---   | ---   | ---  | 336,0               | ---   | ---    | ---        | 197,0                 | ---       | ---       |
| Cobalto           | mg/L  | < 0,0500            | ---     | ---   | ---   | ---  | < 0,0500            | ---   | ---    | ---        | < 0,0500              | ---       | ---       |
| Cobre             | mg/L  | < 0,1000            | ---     | ---   | ---   | ---  | < 0,1000            | ---   | ---    | ---        | < 0,1000              | ---       | ---       |
| Conductividad     | µS/cm | 4122                | ---     | ---   | ---   | ---  | 4132                | ---   | ---    | ---        | 4000                  | ---       | ---       |
| Cromo             | µg/L  | < 5,00              | ---     | ---   | ---   | ---  | ---                 | ---   | ---    | ---        | < 2,000               | ---       | ---       |
| Cromo             | mg/L  | ---                 | ---     | ---   | ---   | ---  | < 0,025000          | ---   | ---    | ---        | ---                   | ---       | ---       |
| Dureza total      | mg/L  | 2623,9              | ---     | ---   | ---   | ---  | 2957,1              | ---   | ---    | ---        | 2685,1                | ---       | ---       |
| Estaño            | mg/L  | < 0,1000            | ---     | ---   | ---   | ---  | < 0,1000            | ---   | ---    | ---        | < 0,1000              | ---       | ---       |
| Estroncio         | mg/L  | 12,0800             | ---     | ---   | ---   | ---  | 12,6020             | ---   | ---    | ---        | 8,4320                | ---       | ---       |
| Fosfatos          | mg/L  | ---                 | ---     | ---   | ---   | ---  | 0,07                | ---   | ---    | ---        | ---                   | ---       | ---       |
| Fósforo total     | mg/L  | < 0,1000            | ---     | ---   | ---   | ---  | < 0,1000            | ---   | ---    | ---        | < 0,1000              | ---       | ---       |
| Hidróxidos        | mg/L  | < 0,1               | ---     | ---   | ---   | ---  | < 0,1               | ---   | ---    | ---        | < 0,1                 | ---       | ---       |
| Hierro            | mg/L  | < 0,1000            | ---     | ---   | ---   | ---  | < 0,1000            | ---   | ---    | ---        | 0,1316                | ---       | ---       |
| Magnesio          | mg/L  | 297,4000            | ---     | ---   | ---   | ---  | 313,6000            | ---   | ---    | ---        | 268,3000              | ---       | ---       |
| Manganeso         | mg/L  | < 0,1000            | ---     | ---   | ---   | ---  | 0,2791              | ---   | ---    | ---        | 1,7360                | ---       | ---       |
| Mercurio          | mg/L  | < 0,000050          | ---     | ---   | ---   | ---  | 0,000058            | ---   | ---    | ---        | < 0,000050            | ---       | ---       |
| Níquel            | mg/L  | < 0,0500            | ---     | ---   | ---   | ---  | < 0,0500            | ---   | ---    | ---        | < 0,0500              | ---       | ---       |
| Nitratos          | mg/L  | 100,0               | ---     | ---   | ---   | ---  | 111,0               | ---   | ---    | ---        | 44,0                  | ---       | ---       |

|                                                                                 |                                                |                                                    |                 |                        |
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|                                                                                 | <b>Fecha:</b> 22-09-2011                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 2</b>       |

**Código:** GN00000217  
**Código de la masa de agua:** 30606  
**Localidad:** Carrión de Calatrava

**Nombre del punto:** 04.04 - Carrión de Calatrava  
**Nombre de la masa de agua:** MANCHA OCCIDENTAL I  
**Provincia:** Ciudad Real

**Cauce:**  
**UTM X:** 430425    **UTM Y:** 4319213    **Huso:** 30

|          |      | ENERO<br>13-01-2010 | FEBRERO | MARZO | ABRIL | MAYO | JUNIO<br>28-06-2010 | JULIO | AGOSTO | SEPTIEMBRE | OCTUBRE<br>04-10-2010 | NOVIEMBRE | DICIEMBRE |
|----------|------|---------------------|---------|-------|-------|------|---------------------|-------|--------|------------|-----------------------|-----------|-----------|
| pH       | pH   | 8,2                 | ---     | ---   | ---   | ---  | 6,6                 | ---   | ---    | ---        | 6,7                   | ---       | ---       |
| Plomo    | µg/L | < 2,00              | ---     | ---   | ---   | ---  | < 1,000             | ---   | ---    | ---        | < 1,000               | ---       | ---       |
| Potasio  | mg/L | 16,9400             | ---     | ---   | ---   | ---  | 21,4200             | ---   | ---    | ---        | 29,6200               | ---       | ---       |
| Selenio  | µg/L | 10,20               | ---     | ---   | ---   | ---  | ---                 | ---   | ---    | ---        | 7,226                 | ---       | ---       |
| Selenio  | mg/L | ---                 | ---     | ---   | ---   | ---  | < 0,025000          | ---   | ---    | ---        | ---                   | ---       | ---       |
| Sílice   | mg/L | 66,1200             | ---     | ---   | ---   | ---  | 60,9800             | ---   | ---    | ---        | 46,4500               | ---       | ---       |
| Sodio    | mg/L | 214,5000            | ---     | ---   | ---   | ---  | 218,0500            | ---   | ---    | ---        | 166,2000              | ---       | ---       |
| Sulfatos | mg/L | 2515,0              | ---     | ---   | ---   | ---  | 2354,0              | ---   | ---    | ---        | 1905,0                | ---       | ---       |