

|                                                                                 |                                                |                                                    |                 |                        |
|---------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------|-----------------|------------------------|
|  | <b>Confederación Hidrográfica del Guadiana</b> | <b>Gestión de laboratorios</b>                     | <b>Informes</b> | <b>Report: R030412</b> |
|                                                                                 | <b>Fecha: 31-01-2013</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 1</b>       |

|                                          |                                                             |                                                            |
|------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|
| <b>Código:</b> GN00000077                | <b>Nombre del punto:</b> RIO ESTENA - Navas de Estena       | <b>Cauce:</b> RIO ESTENA                                   |
| <b>Código de la masa de agua:</b> 999999 | <b>Nombre de la masa de agua:</b> SIN ASIGNAR - PROVISIONAL |                                                            |
| <b>Localidad:</b> Navas de Estena        | <b>Provincia:</b> Ciudad Real                               | <b>UTM X:</b> 368284 <b>UTM Y:</b> 4376316 <b>Huso:</b> 30 |

|                                          |       | ENERO | FEBRERO | MARZO | ABRIL | MAYO<br>21-05-2012 | JUNIO | JULIO | AGOSTO | SEPTIEMBRE | OCTUBRE | NOVIEMBRE | DICIEMBRE |
|------------------------------------------|-------|-------|---------|-------|-------|--------------------|-------|-------|--------|------------|---------|-----------|-----------|
| % Oxígeno (in situ)                      | % SAT | ---   | ---     | ---   | ---   | 72,0               | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Cloro residual total (in situ)           | mg/L  | ---   | ---     | ---   | ---   | ---                | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Color aparente (in situ)                 | ----- | ---   | ---     | ---   | ---   | ---                | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Conductividad (in situ)                  | µS/cm | ---   | ---     | ---   | ---   | 40                 | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Nitritos (in situ)                       | mg/L  | ---   | ---     | ---   | ---   | 0,00               | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Olor (in situ)                           | ----- | ---   | ---     | ---   | ---   | ---                | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Oxígeno disuelto (in situ)               | mg/L  | ---   | ---     | ---   | ---   | 6,1                | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| pH (in situ)                             | pH    | ---   | ---     | ---   | ---   | 7,7                | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Temperatura del agua "in situ" (in situ) | °C    | ---   | ---     | ---   | ---   | 19,9               | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Acenafeno                                | µg/L  | ---   | ---     | ---   | ---   | < 0,010            | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Agentes tensoactivos (aniónicos)         | mg/L  | ---   | ---     | ---   | ---   | < 0,1              | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Alcalinidad total                        | mg/L  | ---   | ---     | ---   | ---   | < 15,0             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Aluminio                                 | mg/L  | ---   | ---     | ---   | ---   | 0,1147             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Amonio total                             | mg/L  | ---   | ---     | ---   | ---   | 0,05               | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Antraceno                                | µg/L  | ---   | ---     | ---   | ---   | < 0,010            | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Arsénico                                 | mg/L  | ---   | ---     | ---   | ---   | < 0,025000         | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Bario                                    | mg/L  | ---   | ---     | ---   | ---   | < 0,0500           | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Benceno                                  | µg/L  | ---   | ---     | ---   | ---   | < 1,00             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Benzo(a)Antraceno                        | µg/L  | ---   | ---     | ---   | ---   | < 0,010            | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Benzo(a,h)Antraceno                      | µg/L  | ---   | ---     | ---   | ---   | < 0,020            | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Benzo(a)Pireno                           | µg/L  | ---   | ---     | ---   | ---   | < 0,020            | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Benzo(b)Fluoranteno                      | µg/L  | ---   | ---     | ---   | ---   | < 0,020            | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Benzo(g,h,i)Perileno                     | µg/L  | ---   | ---     | ---   | ---   | < 0,040            | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Benzo(k)Fluoranteno                      | µg/L  | ---   | ---     | ---   | ---   | < 0,010            | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Bicarbonatos                             | mg/L  | ---   | ---     | ---   | ---   | 11,7               | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Boro                                     | mg/L  | ---   | ---     | ---   | ---   | < 0,1000           | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Bromodiclorometano                       | µg/L  | ---   | ---     | ---   | ---   | < 1,00             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Bromoformo                               | µg/L  | ---   | ---     | ---   | ---   | < 1,00             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |

|                                                                                 |                                                |                                                    |                 |                        |
|---------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------|-----------------|------------------------|
|  | <b>Confederación Hidrográfica del Guadiana</b> | <b>Gestión de laboratorios</b>                     | <b>Informes</b> | <b>Report: R030412</b> |
|                                                                                 | <b>Fecha: 31-01-2013</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 2</b>       |

|                                          |                                                             |                                                            |
|------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|
| <b>Código:</b> GN00000077                | <b>Nombre del punto:</b> RIO ESTENA - Navas de Estena       | <b>Cauce:</b> RIO ESTENA                                   |
| <b>Código de la masa de agua:</b> 999999 | <b>Nombre de la masa de agua:</b> SIN ASIGNAR - PROVISIONAL |                                                            |
| <b>Localidad:</b> Navas de Estena        | <b>Provincia:</b> Ciudad Real                               | <b>UTM X:</b> 368284 <b>UTM Y:</b> 4376316 <b>Huso:</b> 30 |

|                    |       | ENERO | FEBRERO | MARZO | ABRIL | MAYO<br>21-05-2012 | JUNIO | JULIO | AGOSTO | SEPTIEMBRE | OCTUBRE | NOVIEMBRE | DICIEMBRE |
|--------------------|-------|-------|---------|-------|-------|--------------------|-------|-------|--------|------------|---------|-----------|-----------|
| Cadmio             | mg/L  | ---   | ---     | ---   | ---   | < 0,025000         | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Calcio             | mg/L  | ---   | ---     | ---   | ---   | 2,7890             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Carbonatos         | mg/L  | ---   | ---     | ---   | ---   | < 0,1              | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Cianuro Total      | mg/L  | ---   | ---     | ---   | ---   | < 0,010            | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Cinc               | mg/L  | ---   | ---     | ---   | ---   | < 0,1000           | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Clorobenceno       | µg/L  | ---   | ---     | ---   | ---   | < 1,00             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Cloroformo         | µg/L  | ---   | ---     | ---   | ---   | < 2,50             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Cloruros           | mg/L  | ---   | ---     | ---   | ---   | < 5,0              | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Cobalto            | mg/L  | ---   | ---     | ---   | ---   | < 0,0500           | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Cobre              | mg/L  | ---   | ---     | ---   | ---   | < 0,1000           | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Color              | mg/L  | ---   | ---     | ---   | ---   | 20,3               | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Conductividad      | µS/cm | ---   | ---     | ---   | ---   | 40                 | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Cromo              | mg/L  | ---   | ---     | ---   | ---   | < 0,025000         | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Criseno            | µg/L  | ---   | ---     | ---   | ---   | < 0,010            | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| D.B.O. 5d          | mg/L  | ---   | ---     | ---   | ---   | 2,0                | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Dibromoclorometano | µg/L  | ---   | ---     | ---   | ---   | < 2,50             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Diclorometano      | µg/L  | ---   | ---     | ---   | ---   | < 2,50             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| D.Q.O. 10min       | mg/L  | ---   | ---     | ---   | ---   | 2,8                | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| D.Q.O. 2h          | mg/L  | ---   | ---     | ---   | ---   | < 20               | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Dureza permanente  | mg/L  | ---   | ---     | ---   | ---   | ---                | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Dureza temporal    | mg/L  | ---   | ---     | ---   | ---   | < 0,1              | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Dureza total       | mg/L  | ---   | ---     | ---   | ---   | 7,0                | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Estaño             | mg/L  | ---   | ---     | ---   | ---   | < 0,1000           | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Estireno           | µg/L  | ---   | ---     | ---   | ---   | < 1,00             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Estroncio          | mg/L  | ---   | ---     | ---   | ---   | < 0,5000           | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Etilbenceno        | µg/L  | ---   | ---     | ---   | ---   | < 2,50             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Fenantreno         | µg/L  | ---   | ---     | ---   | ---   | < 0,010            | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Fenoles            | mg/L  | ---   | ---     | ---   | ---   | < 0,050            | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Fluoranteno        | µg/L  | ---   | ---     | ---   | ---   | < 0,010            | ---   | ---   | ---    | ---        | ---     | ---       | ---       |

|                                                                                 |                                                |                                                    |                 |                        |
|---------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------|-----------------|------------------------|
|  | <b>Confederación Hidrográfica del Guadiana</b> | <b>Gestión de laboratorios</b>                     | <b>Informes</b> | <b>Report: R030412</b> |
|                                                                                 | <b>Fecha: 31-01-2013</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 3</b>       |

|                                          |                                                             |                                                            |
|------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|
| <b>Código:</b> GN00000077                | <b>Nombre del punto:</b> RIO ESTENA - Navas de Estena       | <b>Cauce:</b> RIO ESTENA                                   |
| <b>Código de la masa de agua:</b> 999999 | <b>Nombre de la masa de agua:</b> SIN ASIGNAR - PROVISIONAL |                                                            |
| <b>Localidad:</b> Navas de Estena        | <b>Provincia:</b> Ciudad Real                               | <b>UTM X:</b> 368284 <b>UTM Y:</b> 4376316 <b>Huso:</b> 30 |

|                                   |         | ENERO | FEBRERO | MARZO | ABRIL | MAYO<br>21-05-2012   | JUNIO | JULIO | AGOSTO | SEPTIEMBRE | OCTUBRE | NOVIEMBRE | DICIEMBRE |
|-----------------------------------|---------|-------|---------|-------|-------|----------------------|-------|-------|--------|------------|---------|-----------|-----------|
| Fluoreno                          | µg/L    | ---   | ---     | ---   | ---   | < 0,020              | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Fluoruros                         | mg/L    | ---   | ---     | ---   | ---   | < 0,10               | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Fosfatos                          | mg/L    | ---   | ---     | ---   | ---   | < 0,05               | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Fósforo total                     | mg/L    | ---   | ---     | ---   | ---   | < 0,1000             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Hexaclorobutadieno                | µg/L    | ---   | ---     | ---   | ---   | < 2,50               | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Hidróxidos                        | mg/L    | ---   | ---     | ---   | ---   | < 0,1                | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Hierro                            | mg/L    | ---   | ---     | ---   | ---   | 0,3131               | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Indeno(1,2,3-cd)Pireno            | µg/L    | ---   | ---     | ---   | ---   | < 0,050              | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Investigación de Salmonella sp.   | -----   | ---   | ---     | ---   | ---   | Salmonella no Detect | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Magnesio                          | mg/L    | ---   | ---     | ---   | ---   | < 2,0000             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Manganeso                         | mg/L    | ---   | ---     | ---   | ---   | < 0,1000             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Mercurio                          | mg/L    | ---   | ---     | ---   | ---   | < 0,000050           | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| m,p-xileno                        | µg/L    | ---   | ---     | ---   | ---   | < 2,00               | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| MTBE                              | µg/L    | ---   | ---     | ---   | ---   | < 2,50               | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Naftaleno                         | µg/L    | ---   | ---     | ---   | ---   | < 2,50               | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Níquel                            | mg/L    | ---   | ---     | ---   | ---   | < 0,0500             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Nitratos                          | mg/L    | ---   | ---     | ---   | ---   | < 1,0                | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Olor                              | -----   | ---   | ---     | ---   | ---   | 0                    | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| o-xileno                          | µg/L    | ---   | ---     | ---   | ---   | < 1,00               | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| PAH                               | mg/L    | ---   | ---     | ---   | ---   | < 0,00020            | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| pH                                | pH      | ---   | ---     | ---   | ---   | 7,1                  | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Pireno                            | µg/L    | ---   | ---     | ---   | ---   | < 0,010              | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Plomo                             | mg/L    | ---   | ---     | ---   | ---   | < 0,025000           | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Potasio                           | mg/L    | ---   | ---     | ---   | ---   | < 1,0000             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Recuento de Coliformes fecales    | UFC/100 | ---   | ---     | ---   | ---   | 150                  | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Recuento de Coliformes totales    | UFC/100 | ---   | ---     | ---   | ---   | 250000               | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Recuento de Estreptococos fecales | UFC/100 | ---   | ---     | ---   | ---   | < 10                 | ---   | ---   | ---    | ---        | ---     | ---       | ---       |

|                                                                                 |                                                |                                                    |                 |                        |
|---------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------|-----------------|------------------------|
|  | <b>Confederación Hidrográfica del Guadiana</b> | <b>Gestión de laboratorios</b>                     | <b>Informes</b> | <b>Report: R030412</b> |
|                                                                                 | <b>Fecha: 31-01-2013</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 4</b>       |

|                                          |                                                             |                                                            |
|------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|
| <b>Código:</b> GN00000077                | <b>Nombre del punto:</b> RIO ESTENA - Navas de Estena       | <b>Cauce:</b> RIO ESTENA                                   |
| <b>Código de la masa de agua:</b> 999999 | <b>Nombre de la masa de agua:</b> SIN ASIGNAR - PROVISIONAL |                                                            |
| <b>Localidad:</b> Navas de Estena        | <b>Provincia:</b> Ciudad Real                               | <b>UTM X:</b> 368284 <b>UTM Y:</b> 4376316 <b>Huso:</b> 30 |

|                                        |      | ENERO | FEBRERO | MARZO | ABRIL | MAYO<br>21-05-2012 | JUNIO | JULIO | AGOSTO | SEPTIEMBRE | OCTUBRE | NOVIEMBRE | DICIEMBRE |
|----------------------------------------|------|-------|---------|-------|-------|--------------------|-------|-------|--------|------------|---------|-----------|-----------|
| Selenio                                | mg/L | ---   | ---     | ---   | ---   | < 0,025000         | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Sílice                                 | mg/L | ---   | ---     | ---   | ---   | 3,0140             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Sodio                                  | mg/L | ---   | ---     | ---   | ---   | 1,9960             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Sólidos en Suspensión                  | mg/L | ---   | ---     | ---   | ---   | 13                 | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Sulfatos                               | mg/L | ---   | ---     | ---   | ---   | < 5,0              | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Tetracloroetileno<br>(Percloroetileno) | µg/L | ---   | ---     | ---   | ---   | < 2,50             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Tetracloruro de Carbono                | µg/L | ---   | ---     | ---   | ---   | < 2,50             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Tolueno                                | µg/L | ---   | ---     | ---   | ---   | < 2,50             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| Tricloroetileno                        | µg/L | ---   | ---     | ---   | ---   | < 2,50             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| 1,1,1-tricloroetano                    | µg/L | ---   | ---     | ---   | ---   | < 1,00             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| 1,2-diclorobenceno                     | µg/L | ---   | ---     | ---   | ---   | < 2,50             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| 1,2-Dicloroetano                       | µg/L | ---   | ---     | ---   | ---   | < 2,50             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| 1,2,3-triclorobenceno                  | µg/L | ---   | ---     | ---   | ---   | < 1,00             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| 1,2,4-triclorobenceno                  | µg/L | ---   | ---     | ---   | ---   | < 1,00             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| 1,3-diclorobenceno                     | µg/L | ---   | ---     | ---   | ---   | < 2,50             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| 1,3,5-triclorobenceno                  | µg/L | ---   | ---     | ---   | ---   | < 1,00             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |
| 1,4-diclorobenceno                     | µg/L | ---   | ---     | ---   | ---   | < 2,50             | ---   | ---   | ---    | ---        | ---     | ---       | ---       |