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|---------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------|-----------------|------------------------|
|  | <b>Confederación Hidrográfica del Guadiana</b> | <b>Gestión de laboratorios</b>                     | <b>Informes</b> | <b>Report: R030412</b> |
|                                                                                 | <b>Fecha: 02-02-2016</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 1</b>       |

|                                         |                                                                       |                                                            |
|-----------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|
| <b>Código:</b> GN00000333               | <b>Nombre del punto:</b> ARROYO DE BUENAS HIERBAS - E. Buenas Hierbas | <b>Cauce:</b> ARROYO DE BUENAS HIERBAS                     |
| <b>Código de la masa de agua:</b> 20647 | <b>Nombre de la masa de agua:</b> EMBALSE DE BUENAS HIERBAS           |                                                            |
| <b>Localidad:</b> Cardeña               | <b>Provincia:</b> Córdoba                                             | <b>UTM X:</b> 377257 <b>UTM Y:</b> 4247075 <b>Huso:</b> 30 |

|                                             |       | ENERO | FEBRERO | MARZO<br>24-03-2015 | ABRIL | MAYO | JUNIO<br>24-06-2015 | JULIO | AGOSTO | SEPTIEMBRE<br>21-09-2015 | OCTUBRE | NOVIEMBRE | DICIEMBRE<br>21-12-2015 |
|---------------------------------------------|-------|-------|---------|---------------------|-------|------|---------------------|-------|--------|--------------------------|---------|-----------|-------------------------|
| % Oxígeno (in situ)                         | % SAT | ---   | ---     | 86,3                | ---   | ---  | 108                 | ---   | ---    | 105,6                    | ---     | ---       | 129                     |
| Cloro residual total (in situ)              | mg/L  | ---   | ---     | ---                 | ---   | ---  | ---                 | ---   | ---    | ---                      | ---     | ---       | ---                     |
| Conductividad a 20 °C (in situ)             | µS/cm | ---   | ---     | 209                 | ---   | ---  | 171                 | ---   | ---    | 165                      | ---     | ---       | 293                     |
| Nitritos (in situ)                          | mg/L  | ---   | ---     | ---                 | ---   | ---  | ---                 | ---   | ---    | ---                      | ---     | ---       | ---                     |
| Oxígeno disuelto (in situ)                  | mg/L  | ---   | ---     | 8,5                 | ---   | ---  | 8                   | ---   | ---    | 8,5                      | ---     | ---       | 13,2                    |
| pH (in situ)                                | pH    | ---   | ---     | 7,4                 | ---   | ---  | 8,5                 | ---   | ---    | 8,4                      | ---     | ---       | 8,8                     |
| Temperatura del agua "in situ" (in situ)    | °C    | ---   | ---     | 12,5                | ---   | ---  | 27                  | ---   | ---    | 22,6                     | ---     | ---       | 11,6                    |
| Acenafeno                                   | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Agentes tensoactivos (aniónicos)            | mg/L  | ---   | ---     | < 0,1               | ---   | ---  | < 0,1               | ---   | ---    | < 0,1                    | ---     | ---       | < 0,1                   |
| a-hch                                       | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Alaclor                                     | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Alcalinidad total                           | mg/L  | ---   | ---     | 51,1                | ---   | ---  | 61,0                | ---   | ---    | 71,8                     | ---     | ---       | 73,0                    |
| Aldrín                                      | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Aluminio                                    | mg/L  | ---   | ---     | < 0,1000            | ---   | ---  | 0,1069              | ---   | ---    | < 0,1000                 | ---     | ---       | < 0,1000                |
| Ametrin                                     | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Amonio total                                | mg/L  | ---   | ---     | 0,31                | ---   | ---  | < 0,05              | ---   | ---    | < 0,05                   | ---     | ---       | 0,33                    |
| Antraceno                                   | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Arsénico                                    | µg/L  | ---   | ---     | 1,325               | ---   | ---  | 2,350               | ---   | ---    | 2,510                    | ---     | ---       | 2,015                   |
| Atraton                                     | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| atrazina                                    | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Bario                                       | mg/L  | ---   | ---     | < 0,0500            | ---   | ---  | < 0,0500            | ---   | ---    | < 0,0500                 | ---     | ---       | < 0,0500                |
| Benceno                                     | µg/L  | ---   | ---     | < 1,00              | ---   | ---  | < 1,00              | ---   | ---    | < 1,00                   | ---     | ---       | < 1,00                  |
| Benzo(a)Antraceno                           | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Benzo(a,h)Antraceno (Dibenzo(a,h)antraceno) | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Benzo(a)Pireno                              | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Benzo(b)Fluoranteno                         | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |

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|  | <b>Confederación Hidrográfica del Guadiana</b> | <b>Gestión de laboratorios</b>                     | <b>Informes</b> | <b>Report: R030412</b> |
|                                                                                 | <b>Fecha: 02-02-2016</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 2</b>       |

|                                         |                                                                       |                                                            |
|-----------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|
| <b>Código:</b> GN00000333               | <b>Nombre del punto:</b> ARROYO DE BUENAS HIERBAS - E. Buenas Hierbas | <b>Cauce:</b> ARROYO DE BUENAS HIERBAS                     |
| <b>Código de la masa de agua:</b> 20647 | <b>Nombre de la masa de agua:</b> EMBALSE DE BUENAS HIERBAS           |                                                            |
| <b>Localidad:</b> Cardeña               | <b>Provincia:</b> Córdoba                                             | <b>UTM X:</b> 377257 <b>UTM Y:</b> 4247075 <b>Huso:</b> 30 |

|                       |       | ENERO | FEBRERO | MARZO<br>24-03-2015 | ABRIL | MAYO | JUNIO<br>24-06-2015 | JULIO | AGOSTO | SEPTIEMBRE<br>21-09-2015 | OCTUBRE | NOVIEMBRE | DICIEMBRE<br>21-12-2015 |
|-----------------------|-------|-------|---------|---------------------|-------|------|---------------------|-------|--------|--------------------------|---------|-----------|-------------------------|
| Benzo(g,h,i)Perileno  | µg/L  | ---   | ---     | < 0,040             | ---   | ---  | < 0,040             | ---   | ---    | < 0,040                  | ---     | ---       | < 0,040                 |
| Benzo(k)Fluoranteno   | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| b-hch                 | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Bicarbonatos          | mg/L  | ---   | ---     | 51,1                | ---   | ---  | < 0,1               | ---   | ---    | 71,8                     | ---     | ---       | 73,0                    |
| Boro                  | mg/L  | ---   | ---     | < 0,1000            | ---   | ---  | < 0,1000            | ---   | ---    | < 0,1000                 | ---     | ---       | < 0,1000                |
| Bromodichlorometano   | µg/L  | ---   | ---     | < 1,00              | ---   | ---  | < 1,00              | ---   | ---    | < 1,00                   | ---     | ---       | < 1,00                  |
| Bromofenol            | µg/L  | ---   | ---     | < 1,00              | ---   | ---  | < 1,00              | ---   | ---    | < 1,00                   | ---     | ---       | < 1,00                  |
| Cadmio                | µg/L  | ---   | ---     | < 0,100             | ---   | ---  | < 0,100             | ---   | ---    | < 0,100                  | ---     | ---       | < 0,100                 |
| Calcio                | mg/L  | ---   | ---     | 14,0800             | ---   | ---  | 13,7100             | ---   | ---    | 16,2000                  | ---     | ---       | 16,0400                 |
| Carbonatos            | mg/L  | ---   | ---     | < 0,1               | ---   | ---  | < 0,1               | ---   | ---    | < 0,1                    | ---     | ---       | < 0,1                   |
| Cianuro Total         | mg/L  | ---   | ---     | < 0,010             | ---   | ---  | < 0,010             | ---   | ---    | < 0,010                  | ---     | ---       | < 0,010                 |
| Cinc                  | mg/L  | ---   | ---     | < 0,1000            | ---   | ---  | < 0,1000            | ---   | ---    | < 0,1000                 | ---     | ---       | < 0,1000                |
| Clorfenoxifos         | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Clorobenceno          | µg/L  | ---   | ---     | < 1,00              | ---   | ---  | < 1,00              | ---   | ---    | < 1,00                   | ---     | ---       | < 1,00                  |
| Clorofenol            | µg/L  | ---   | ---     | < 2,50              | ---   | ---  | < 2,50              | ---   | ---    | < 2,50                   | ---     | ---       | < 2,50                  |
| Clorpirifos           | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Cloruros              | mg/L  | ---   | ---     | 12,8                | ---   | ---  | 9,9                 | ---   | ---    | 11,3                     | ---     | ---       | 11,5                    |
| Cobalto               | mg/L  | ---   | ---     | < 0,0500            | ---   | ---  | < 0,0500            | ---   | ---    | < 0,0500                 | ---     | ---       | < 0,0500                |
| Cobre                 | mg/L  | ---   | ---     | < 0,1000            | ---   | ---  | < 0,1000            | ---   | ---    | < 0,1000                 | ---     | ---       | < 0,1000                |
| Color                 | mg/L  | ---   | ---     | 11,8                | ---   | ---  | 7,3                 | ---   | ---    | 8,5                      | ---     | ---       | 11,8                    |
| Conductividad a 20 °C | µS/cm | ---   | ---     | 152                 | ---   | ---  | 157                 | ---   | ---    | 173                      | ---     | ---       | 168                     |
| Cromo                 | µg/L  | ---   | ---     | < 5,000             | ---   | ---  | < 5,000             | ---   | ---    | < 5,000                  | ---     | ---       | < 5,000                 |
| Criseno               | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| D.B.O. 5d             | mg/L  | ---   | ---     | 1,3                 | ---   | ---  | 1,6                 | ---   | ---    | 1,2                      | ---     | ---       | 2,9                     |
| Desetilatrazina       | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Desisopropilatrazina  | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| d-hch                 | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Diazinon              | µg/L  | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |

|                                                                                 |                                                |                                                    |                 |                        |
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|                                                                                 | <b>Fecha: 02-02-2016</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 3</b>       |

|                                         |                                                                       |                                                            |
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| <b>Código:</b> GN00000333               | <b>Nombre del punto:</b> ARROYO DE BUENAS HIERBAS - E. Buenas Hierbas | <b>Cauce:</b> ARROYO DE BUENAS HIERBAS                     |
| <b>Código de la masa de agua:</b> 20647 | <b>Nombre de la masa de agua:</b> EMBALSE DE BUENAS HIERBAS           |                                                            |
| <b>Localidad:</b> Cardeña               | <b>Provincia:</b> Córdoba                                             | <b>UTM X:</b> 377257 <b>UTM Y:</b> 4247075 <b>Huso:</b> 30 |

|                                       |      | ENERO | FEBRERO | MARZO<br>24-03-2015 | ABRIL | MAYO | JUNIO<br>24-06-2015 | JULIO | AGOSTO | SEPTIEMBRE<br>21-09-2015 | OCTUBRE | NOVIEMBRE | DICIEMBRE<br>21-12-2015 |
|---------------------------------------|------|-------|---------|---------------------|-------|------|---------------------|-------|--------|--------------------------|---------|-----------|-------------------------|
| Dibromoclorometano                    | µg/L | ---   | ---     | < 2,50              | ---   | ---  | < 2,50              | ---   | ---    | < 2,50                   | ---     | ---       | < 2,50                  |
| Diclorometano                         | µg/L | ---   | ---     | < 2,50              | ---   | ---  | < 2,50              | ---   | ---    | < 2,50                   | ---     | ---       | < 2,50                  |
| Dieldrín                              | µg/L | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Diuron                                | µg/L | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| D.Q.O. 10min (Índice de Permanganato) | mg/L | ---   | ---     | 4,2                 | ---   | ---  | 4,6                 | ---   | ---    | 6,1                      | ---     | ---       | 5,8                     |
| D.Q.O. 2h                             | mg/L | ---   | ---     | < 20                | ---   | ---  | < 20                | ---   | ---    | 23                       | ---     | ---       | < 20                    |
| Dureza total                          | mg/L | ---   | ---     | 50,9                | ---   | ---  | 49,8                | ---   | ---    | 59,0                     | ---     | ---       | 57,9                    |
| Endosulfán I                          | µg/L | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Endosulfán II                         | µg/L | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Endosulfán Sulfato                    | µg/L | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Endrín                                | µg/L | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Endrín Aldehído                       | µg/L | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Estaño                                | mg/L | ---   | ---     | < 0,1000            | ---   | ---  | < 0,1000            | ---   | ---    | < 0,1000                 | ---     | ---       | < 0,1000                |
| Estireno                              | µg/L | ---   | ---     | < 1,00              | ---   | ---  | < 1,00              | ---   | ---    | < 1,00                   | ---     | ---       | < 1,00                  |
| Estroncio                             | mg/L | ---   | ---     | < 0,5000            | ---   | ---  | < 0,5000            | ---   | ---    | < 0,5000                 | ---     | ---       | < 0,5000                |
| Etilbenceno                           | µg/L | ---   | ---     | < 2,50              | ---   | ---  | < 2,50              | ---   | ---    | < 2,50                   | ---     | ---       | < 2,50                  |
| Etil-Paratión                         | µg/L | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Fenantreno                            | µg/L | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Fenoles                               | mg/L | ---   | ---     | < 0,050             | ---   | ---  | < 0,050             | ---   | ---    | < 0,050                  | ---     | ---       | < 0,050                 |
| Fluoranteno                           | µg/L | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Fluoreno                              | µg/L | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Fluoruros                             | mg/L | ---   | ---     | 0,15                | ---   | ---  | 0,15                | ---   | ---    | 0,18                     | ---     | ---       | 0,16                    |
| Fosfatos                              | mg/L | ---   | ---     | < 0,05              | ---   | ---  | < 0,05              | ---   | ---    | < 0,05                   | ---     | ---       | < 0,05                  |
| Fósforo total                         | mg/L | ---   | ---     | < 0,1000            | ---   | ---  | < 0,1000            | ---   | ---    | < 0,1000                 | ---     | ---       | < 0,1000                |
| Glifosato                             | µg/L | ---   | ---     | < 0,050             | ---   | ---  | < 0,050             | ---   | ---    | < 0,050                  | ---     | ---       | < 0,050                 |
| Heptacloro                            | µg/L | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Heptacloro epóxido                    | µg/L | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Hexaclorobenceno                      | µg/L | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |

|                                                                                 |                                                |                                                    |                 |                        |
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|                                                                                 | <b>Fecha: 02-02-2016</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 4</b>       |

|                                         |                                                                       |                                                            |
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| <b>Código:</b> GN00000333               | <b>Nombre del punto:</b> ARROYO DE BUENAS HIERBAS - E. Buenas Hierbas | <b>Cauce:</b> ARROYO DE BUENAS HIERBAS                     |
| <b>Código de la masa de agua:</b> 20647 | <b>Nombre de la masa de agua:</b> EMBALSE DE BUENAS HIERBAS           |                                                            |
| <b>Localidad:</b> Cardeña               | <b>Provincia:</b> Córdoba                                             | <b>UTM X:</b> 377257 <b>UTM Y:</b> 4247075 <b>Huso:</b> 30 |

|                                 |       | ENERO | FEBRERO | MARZO<br>24-03-2015  | ABRIL | MAYO | JUNIO<br>24-06-2015  | JULIO | AGOSTO | SEPTIEMBRE<br>21-09-2015 | OCTUBRE | NOVIEMBRE | DICIEMBRE<br>21-12-2015 |
|---------------------------------|-------|-------|---------|----------------------|-------|------|----------------------|-------|--------|--------------------------|---------|-----------|-------------------------|
| Hexaclorobutadieno              | µg/L  | ---   | ---     | < 2,50               | ---   | ---  | < 2,50               | ---   | ---    | < 2,50                   | ---     | ---       | < 2,50                  |
| Hidróxidos                      | mg/L  | ---   | ---     | < 0,1                | ---   | ---  | < 0,1                | ---   | ---    | < 0,1                    | ---     | ---       | < 0,1                   |
| Hierro                          | mg/L  | ---   | ---     | 0,1155               | ---   | ---  | 0,1462               | ---   | ---    | < 0,1000                 | ---     | ---       | < 0,1000                |
| Imazalil                        | µg/L  | ---   | ---     | < 0,050              | ---   | ---  | < 0,050              | ---   | ---    | < 0,050                  | ---     | ---       | < 0,050                 |
| Indeno(1,2,3-cd)Pireno          | µg/L  | ---   | ---     | < 0,050              | ---   | ---  | < 0,050              | ---   | ---    | < 0,050                  | ---     | ---       | < 0,050                 |
| Investigación de Salmonella sp. | ----- | ---   | ---     | Salmonella no Detect | ---   | ---  | Salmonella no Detect | ---   | ---    | Salmonella no Detect     | ---     | ---       | ---                     |
| Isodrin                         | µg/L  | ---   | ---     | < 0,020              | ---   | ---  | < 0,020              | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Isoproturon                     | µg/L  | ---   | ---     | < 0,020              | ---   | ---  | < 0,020              | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Lindano (g-HCH)                 | µg/L  | ---   | ---     | < 0,020              | ---   | ---  | < 0,020              | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Magnesio                        | mg/L  | ---   | ---     | 3,8180               | ---   | ---  | 3,7760               | ---   | ---    | 4,5020                   | ---     | ---       | 4,3140                  |
| Malatión                        | µg/L  | ---   | ---     | < 0,050              | ---   | ---  | < 0,050              | ---   | ---    | < 0,050                  | ---     | ---       | < 0,050                 |
| Manganeso                       | mg/L  | ---   | ---     | < 0,1000             | ---   | ---  | < 0,1000             | ---   | ---    | < 0,1000                 | ---     | ---       | 0,4341                  |
| MCPA                            | µg/L  | ---   | ---     | < 0,020              | ---   | ---  | < 0,020              | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Mercurio                        | mg/L  | ---   | ---     | < 0,000050           | ---   | ---  | < 0,000050           | ---   | ---    | < 0,000050               | ---     | ---       | < 0,000050              |
| Metil Paratión                  | µg/L  | ---   | ---     | < 0,020              | ---   | ---  | < 0,020              | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Metilclorpirifos                | µg/L  | ---   | ---     | < 0,020              | ---   | ---  | < 0,020              | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Metolaclor                      | µg/L  | ---   | ---     | < 0,020              | ---   | ---  | < 0,020              | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Molinate                        | µg/L  | ---   | ---     | < 0,020              | ---   | ---  | < 0,020              | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| m,p-xileno                      | µg/L  | ---   | ---     | < 2,00               | ---   | ---  | < 2,00               | ---   | ---    | < 2,00                   | ---     | ---       | < 2,00                  |
| MTBE                            | µg/L  | ---   | ---     | < 2,50               | ---   | ---  | < 2,50               | ---   | ---    | < 2,50                   | ---     | ---       | < 2,50                  |
| Naftaleno                       | µg/L  | ---   | ---     | < 2,50               | ---   | ---  | < 2,50               | ---   | ---    | < 2,50                   | ---     | ---       | < 2,50                  |
| Níquel                          | mg/L  | ---   | ---     | < 0,0500             | ---   | ---  | < 0,0500             | ---   | ---    | < 0,0500                 | ---     | ---       | < 0,0500                |
| Nitratos                        | mg/L  | ---   | ---     | 1,5                  | ---   | ---  | < 1,0                | ---   | ---    | < 1,0                    | ---     | ---       | < 1,0                   |
| Olor                            | ----- | ---   | ---     | 0                    | ---   | ---  | 0                    | ---   | ---    | 0                        | ---     | ---       | 0                       |
| Oxifluorfen                     | µg/L  | ---   | ---     | < 0,020              | ---   | ---  | < 0,020              | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| o-xileno                        | µg/L  | ---   | ---     | < 1,00               | ---   | ---  | < 1,00               | ---   | ---    | < 1,00                   | ---     | ---       | < 1,00                  |
| PCB 101                         | µg/L  | ---   | ---     | < 0,020              | ---   | ---  | < 0,020              | ---   | ---    | 0,020                    | ---     | ---       | < 0,020                 |

|                                                                                 |                                                |                                                    |                 |                        |
|---------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------|-----------------|------------------------|
|  | <b>Confederación Hidrográfica del Guadiana</b> | <b>Gestión de laboratorios</b>                     | <b>Informes</b> | <b>Report: R030412</b> |
|                                                                                 | <b>Fecha: 02-02-2016</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 5</b>       |

|                                         |                                                                       |                                                            |
|-----------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|
| <b>Código:</b> GN00000333               | <b>Nombre del punto:</b> ARROYO DE BUENAS HIERBAS - E. Buenas Hierbas | <b>Cauce:</b> ARROYO DE BUENAS HIERBAS                     |
| <b>Código de la masa de agua:</b> 20647 | <b>Nombre de la masa de agua:</b> EMBALSE DE BUENAS HIERBAS           |                                                            |
| <b>Localidad:</b> Cardeña               | <b>Provincia:</b> Córdoba                                             | <b>UTM X:</b> 377257 <b>UTM Y:</b> 4247075 <b>Huso:</b> 30 |

|                                   |         | ENERO | FEBRERO | MARZO<br>24-03-2015 | ABRIL | MAYO | JUNIO<br>24-06-2015 | JULIO | AGOSTO | SEPTIEMBRE<br>21-09-2015 | OCTUBRE | NOVIEMBRE | DICIEMBRE<br>21-12-2015 |
|-----------------------------------|---------|-------|---------|---------------------|-------|------|---------------------|-------|--------|--------------------------|---------|-----------|-------------------------|
| PCB 118                           | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | 0,031                    | ---     | ---       | < 0,020                 |
| PCB 138                           | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | 0,029                    | ---     | ---       | < 0,020                 |
| PCB 153                           | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | 0,036                    | ---     | ---       | < 0,020                 |
| PCB 180                           | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | 0,035                    | ---     | ---       | < 0,020                 |
| PCB 28                            | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| PCB 52                            | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Pentaclorobenceno                 | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| pH                                | pH      | ---   | ---     | 7,5                 | ---   | ---  | 8,3                 | ---   | ---    | 7,8                      | ---     | ---       | 7,6                     |
| Pireno                            | µg/L    | ---   | ---     | < 0,010             | ---   | ---  | < 0,010             | ---   | ---    | < 0,010                  | ---     | ---       | < 0,010                 |
| Plomo                             | µg/L    | ---   | ---     | 1,993               | ---   | ---  | 1,234               | ---   | ---    | < 1,000                  | ---     | ---       | 1,013                   |
| Potasio                           | mg/L    | ---   | ---     | 2,7070              | ---   | ---  | 3,0320              | ---   | ---    | 3,2390                   | ---     | ---       | 3,1050                  |
| PP-DDD (4,4-DDD)                  | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| PP-DDE (4,4-DDE)                  | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| PP-DDT (4,4-DDT)                  | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Prometon                          | µg/L    | ---   | ---     | < 0,050             | ---   | ---  | < 0,050             | ---   | ---    | < 0,050                  | ---     | ---       | < 0,050                 |
| Prometrin                         | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Propazina                         | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Recuento de Coliformes fecales    | UFC/100 | ---   | ---     | < 10                | ---   | ---  | < 10                | ---   | ---    | 21                       | ---     | ---       | ---                     |
| Recuento de Coliformes totales    | UFC/100 | ---   | ---     | 480                 | ---   | ---  | 16000               | ---   | ---    | 45500                    | ---     | ---       | ---                     |
| Recuento de Estreptococos fecales | UFC/100 | ---   | ---     | 26                  | ---   | ---  | 27                  | ---   | ---    | 38                       | ---     | ---       | ---                     |
| Selenio                           | µg/L    | ---   | ---     | < 2,000             | ---   | ---  | < 2,000             | ---   | ---    | < 2,000                  | ---     | ---       | < 1,000                 |
| Sílice                            | mg/L    | ---   | ---     | < 0,8560            | ---   | ---  | 1,9330              | ---   | ---    | < 0,8560                 | ---     | ---       | < 0,8560                |
| Simazina                          | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Simetrin                          | µg/L    | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Sodio                             | mg/L    | ---   | ---     | 11,5300             | ---   | ---  | 11,6800             | ---   | ---    | 14,1900                  | ---     | ---       | 12,1400                 |
| Sólidos en Suspensión             | mg/L    | ---   | ---     | < 10                | ---   | ---  | < 10                | ---   | ---    | < 10                     | ---     | ---       | 11                      |
| Sulfatos                          | mg/L    | ---   | ---     | 8,1                 | ---   | ---  | 5,9                 | ---   | ---    | 7,1                      | ---     | ---       | 6,9                     |

|                                                                                 |                                                |                                                    |                 |                        |
|---------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------|-----------------|------------------------|
|  | <b>Confederación Hidrográfica del Guadiana</b> | <b>Gestión de laboratorios</b>                     | <b>Informes</b> | <b>Report: R030412</b> |
|                                                                                 | <b>Fecha: 02-02-2016</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 6</b>       |

|                                         |                                                                       |                                                            |
|-----------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|
| <b>Código:</b> GN00000333               | <b>Nombre del punto:</b> ARROYO DE BUENAS HIERBAS - E. Buenas Hierbas | <b>Cauce:</b> ARROYO DE BUENAS HIERBAS                     |
| <b>Código de la masa de agua:</b> 20647 | <b>Nombre de la masa de agua:</b> EMBALSE DE BUENAS HIERBAS           |                                                            |
| <b>Localidad:</b> Cardeña               | <b>Provincia:</b> Córdoba                                             | <b>UTM X:</b> 377257 <b>UTM Y:</b> 4247075 <b>Huso:</b> 30 |

|                                        |      | ENERO | FEBRERO | MARZO<br>24-03-2015 | ABRIL | MAYO | JUNIO<br>24-06-2015 | JULIO | AGOSTO | SEPTIEMBRE<br>21-09-2015 | OCTUBRE | NOVIEMBRE | DICIEMBRE<br>21-12-2015 |
|----------------------------------------|------|-------|---------|---------------------|-------|------|---------------------|-------|--------|--------------------------|---------|-----------|-------------------------|
| Terbutilazina                          | µg/L | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Terbutrín                              | µg/L | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| Tetracloroetileno<br>(Percloroetileno) | µg/L | ---   | ---     | < 2,50              | ---   | ---  | < 2,50              | ---   | ---    | < 2,50                   | ---     | ---       | < 2,50                  |
| Tetracloruro de Carbono                | µg/L | ---   | ---     | < 2,50              | ---   | ---  | < 2,50              | ---   | ---    | < 2,50                   | ---     | ---       | < 2,50                  |
| Tolueno                                | µg/L | ---   | ---     | < 2,50              | ---   | ---  | < 2,50              | ---   | ---    | < 2,50                   | ---     | ---       | < 2,50                  |
| Tricloroetileno                        | µg/L | ---   | ---     | < 2,50              | ---   | ---  | < 2,50              | ---   | ---    | < 2,50                   | ---     | ---       | < 2,50                  |
| Trifluralín                            | µg/L | ---   | ---     | < 0,020             | ---   | ---  | < 0,020             | ---   | ---    | < 0,020                  | ---     | ---       | < 0,020                 |
| 1,1,1-tricloroetano                    | µg/L | ---   | ---     | < 1,00              | ---   | ---  | < 1,00              | ---   | ---    | < 1,00                   | ---     | ---       | < 1,00                  |
| 1,2-diclorobenceno                     | µg/L | ---   | ---     | < 1,00              | ---   | ---  | < 1,00              | ---   | ---    | < 1,00                   | ---     | ---       | < 1,00                  |
| 1,2-Dicloroetano                       | µg/L | ---   | ---     | < 2,50              | ---   | ---  | < 2,50              | ---   | ---    | < 2,50                   | ---     | ---       | < 2,50                  |
| 1,2,3-triclorobenceno                  | µg/L | ---   | ---     | < 1,00              | ---   | ---  | < 1,00              | ---   | ---    | < 1,00                   | ---     | ---       | < 1,00                  |
| 1,2,4-triclorobenceno                  | µg/L | ---   | ---     | < 1,00              | ---   | ---  | < 1,00              | ---   | ---    | < 1,00                   | ---     | ---       | < 1,00                  |
| 1,3-diclorobenceno                     | µg/L | ---   | ---     | < 1,00              | ---   | ---  | < 1,00              | ---   | ---    | < 1,00                   | ---     | ---       | < 1,00                  |
| 1,3,5-triclorobenceno                  | µg/L | ---   | ---     | < 1,00              | ---   | ---  | < 1,00              | ---   | ---    | < 1,00                   | ---     | ---       | < 1,00                  |
| 1,4-diclorobenceno                     | µg/L | ---   | ---     | < 1,00              | ---   | ---  | < 1,00              | ---   | ---    | < 1,00                   | ---     | ---       | < 1,00                  |