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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> GN00000150                 | <b>Nombre del punto:</b> RIO ARDILA - R. Ardila - E.A. Jerez de los Caballeros | <b>Cauce:</b> RIO ARDILA                                   |
| <b>Código de la masa de agua:</b> 13359   | <b>Nombre de la masa de agua:</b> RIO ARDILA II                                |                                                            |
| <b>Localidad:</b> Jerez de los Caballeros | <b>Provincia:</b> Badajoz                                                      | <b>UTM X:</b> 685207 <b>UTM Y:</b> 4237317 <b>Huso:</b> 29 |

|                                          |       | ENERO<br>26-01-2015 | FEBRERO<br>23-02-2015 | MARZO<br>09-03-2015 | ABRIL<br>21-04-2015 | MAYO<br>11-05-2015 | JUNIO<br>23-06-2015 | JULIO<br>07-07-2015 | AGOSTO<br>03-08-2015 | SEPTIEMBRE<br>07-09-2015 | OCTUBRE<br>14-10-2015 | NOVIEMBRE<br>23-11-2015 | DICIEMBRE<br>21-12-2015 |
|------------------------------------------|-------|---------------------|-----------------------|---------------------|---------------------|--------------------|---------------------|---------------------|----------------------|--------------------------|-----------------------|-------------------------|-------------------------|
| % Oxígeno (in situ)                      | % SAT | 105,4               | 101,2                 | 107,7               | 164,3               | 117,4              | 93,4                | 117,6               | 109,5                | 120,4                    | 102,4                 | 88,4                    | 84,2                    |
| Cloro residual total (in situ)           | mg/L  | ---                 | ---                   | ---                 | ---                 | ---                | ---                 | ---                 | ---                  | ---                      | ---                   | ---                     | ---                     |
| Color aparente (in situ)                 | ----- | ---                 | ---                   | ---                 | ---                 | ---                | ---                 | ---                 | ---                  | ---                      | ---                   | ---                     | ---                     |
| Conductividad a 20 °C (in situ)          | µS/cm | 399                 | 429                   | 602                 | 459                 | 650                | 660                 | 678                 | 587                  | 600                      | 735                   | 803                     | 869                     |
| Nitritos (in situ)                       | mg/L  | ---                 | ---                   | ---                 | ---                 | ---                | ---                 | ---                 | ---                  | ---                      | ---                   | ---                     | ---                     |
| Olor (in situ)                           | ----- | ---                 | ---                   | ---                 | ---                 | ---                | ---                 | ---                 | ---                  | ---                      | ---                   | ---                     | ---                     |
| Oxígeno disuelto (in situ)               | mg/L  | 11,9                | 10,5                  | 11,0                | 14,2                | 9,9                | 7,6                 | 9                   | 8,6                  | 9,6                      | 8,8                   | 9,1                     | 9,1                     |
| pH (in situ)                             | pH    | 8,3                 | 8,3                   | 8,5                 | 8,8                 | 8,4                | 8,3                 | 8,5                 | 8,4                  | 8,8                      | 8,2                   | 7,8                     | 8,1                     |
| Temperatura del agua "in situ" (in situ) | °C    | 8,8                 | 13,2                  | 13,6                | 21,2                | 22,7               | 25,1                | 27,6                | 26,4                 | 25,9                     | 21,5                  | 13,3                    | 11,6                    |
| Aluminio                                 | mg/L  | ---                 | ---                   | ---                 | ---                 | ---                | < 0,1000            | < 0,1000            | ---                  | < 0,1000                 | < 0,1000              | < 0,1000                | 0,1205                  |
| Amonio no ionizado                       | mg/L  | < 0,001             | 0,002                 | 0,005               | 0,005               | 0,003              | 0,002               | 0,004               | 0,020                | 0,004                    | 0,003                 | 0,003                   | 0,006                   |
| Amonio total                             | mg/L  | < 0,05              | < 0,05                | < 0,05              | < 0,05              | < 0,05             | < 0,05              | < 0,05              | 0,09                 | < 0,05                   | < 0,05                | 0,06                    | 0,06                    |
| Bario                                    | mg/L  | ---                 | ---                   | ---                 | ---                 | ---                | 0,0563              | 0,0554              | ---                  | 0,0505                   | 0,0572                | 0,0549                  | 0,0560                  |
| Boro                                     | mg/L  | ---                 | ---                   | ---                 | ---                 | ---                | < 0,1000            | < 0,1000            | ---                  | < 0,1000                 | < 0,1000              | 0,1114                  | 0,1347                  |
| Calcio                                   | mg/L  | ---                 | ---                   | ---                 | ---                 | ---                | ---                 | ---                 | ---                  | 44,6000                  | ---                   | ---                     | ---                     |
| Cianuro Total                            | mg/L  | ---                 | ---                   | ---                 | ---                 | ---                | ---                 | ---                 | ---                  | ---                      | ---                   | ---                     | < 0,010                 |
| Cinc                                     | mg/L  | < 0,1000            | < 0,1000              | < 0,1000            | < 0,1000            | < 0,1000           | < 0,1000            | < 0,1000            | < 0,1000             | < 0,1000                 | < 0,1000              | < 0,1000                | < 0,1000                |
| Cloro residual total                     | mg/L  | < 0,05              | 0,07                  | 0,10                | 0,34                | 0,19               | 0,13                | 0,09                | 0,13                 | 0,19                     | 0,09                  | 0,12                    | 0,18                    |
| Cobalto                                  | mg/L  | ---                 | ---                   | ---                 | ---                 | ---                | < 0,0500            | < 0,0500            | ---                  | < 0,0500                 | < 0,0500              | < 0,0500                | < 0,0500                |
| Cobre                                    | mg/L  | < 0,1000            | < 0,1000              | < 0,1000            | < 0,1000            | < 0,1000           | < 0,1000            | < 0,1000            | < 0,1000             | < 0,1000                 | < 0,1000              | < 0,1000                | < 0,1000                |
| Compuestos fenólicos                     | mg/L  | < 0,050             | < 0,050               | < 0,050             | < 0,050             | < 0,050            | < 0,050             | < 0,050             | < 0,050              | < 0,050                  | < 0,050               | < 0,050                 | < 0,050                 |
| Conductividad a 20 °C                    | µS/cm | 379                 | 404                   | ---                 | 422                 | 582                | ---                 | 595                 | 524                  | ---                      | 673                   | 718                     | ---                     |
| D.B.O. 5d                                | mg/L  | 2,0                 | 3,0                   | 2,7                 | 5,6                 | 2,5                | 2,3                 | 3,4                 | 5,6                  | 3,8                      | 1,1                   | 2,9                     | 3,6                     |
| Estaño                                   | mg/L  | ---                 | ---                   | ---                 | ---                 | ---                | < 0,1000            | < 0,1000            | ---                  | < 0,1000                 | < 0,1000              | < 0,1000                | < 0,1000                |
| Estroncio                                | mg/L  | ---                 | ---                   | ---                 | ---                 | ---                | ---                 | ---                 | ---                  | < 0,5000                 | ---                   | ---                     | ---                     |
| Fenoles                                  | mg/L  | ---                 | ---                   | ---                 | ---                 | ---                | ---                 | ---                 | ---                  | ---                      | ---                   | ---                     | < 0,050                 |
| Fósforo total                            | mg/L  | 0,1763              | 0,1066                | 0,1342              | 0,1535              | 0,3530             | 0,3851              | 0,4474              | 0,2720               | 0,2387                   | 0,1271                | 0,1621                  | 0,2100                  |

|                                                                                 |                                                |                                                    |                 |                        |
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|                                                                                 | <b>Fecha: 02-02-2016</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 2</b>       |

|                                           |                                                                                |                                                            |
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| <b>Código:</b> GN00000150                 | <b>Nombre del punto:</b> RIO ARDILA - R. Ardila - E.A. Jerez de los Caballeros | <b>Cauce:</b> RIO ARDILA                                   |
| <b>Código de la masa de agua:</b> 13359   | <b>Nombre de la masa de agua:</b> RIO ARDILA II                                |                                                            |
| <b>Localidad:</b> Jerez de los Caballeros | <b>Provincia:</b> Badajoz                                                      | <b>UTM X:</b> 685207 <b>UTM Y:</b> 4237317 <b>Huso:</b> 29 |

|                                   |       | <b>ENERO</b><br><b>26-01-2015</b> | <b>FEBRERO</b><br><b>23-02-2015</b> | <b>MARZO</b><br><b>09-03-2015</b> | <b>ABRIL</b><br><b>21-04-2015</b> | <b>MAYO</b><br><b>11-05-2015</b> | <b>JUNIO</b><br><b>23-06-2015</b> | <b>JULIO</b><br><b>07-07-2015</b> | <b>AGOSTO</b><br><b>03-08-2015</b> | <b>SEPTIEMBRE</b><br><b>07-09-2015</b> | <b>OCTUBRE</b><br><b>14-10-2015</b> | <b>NOVIEMBRE</b><br><b>23-11-2015</b> | <b>DICIEMBRE</b><br><b>21-12-2015</b> |
|-----------------------------------|-------|-----------------------------------|-------------------------------------|-----------------------------------|-----------------------------------|----------------------------------|-----------------------------------|-----------------------------------|------------------------------------|----------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|
| Hidrocarburos de origen petrolero | ----- | No                                | No                                  | No                                | No                                | No                               | No                                | No                                | No                                 | No                                     | No                                  | No                                    | No                                    |
| Hierro                            | mg/L  | ---                               | ---                                 | ---                               | ---                               | ---                              | 0,1504                            | < 0,1000                          | ---                                | 0,1199                                 | 0,1114                              | 0,1388                                | 0,4549                                |
| Magnesio                          | mg/L  | ---                               | ---                                 | ---                               | ---                               | ---                              | ---                               | ---                               | ---                                | 22,3100                                | ---                                 | ---                                   | ---                                   |
| Manganeso                         | mg/L  | ---                               | ---                                 | ---                               | ---                               | ---                              | < 0,1000                          | < 0,1000                          | ---                                | < 0,1000                               | < 0,1000                            | < 0,1000                              | 0,1623                                |
| Níquel                            | mg/L  | ---                               | ---                                 | ---                               | ---                               | ---                              | < 0,0500                          | < 0,0500                          | ---                                | < 0,0500                               | < 0,0500                            | < 0,0500                              | < 0,0500                              |
| Nitritos                          | mg/L  | < 0,05                            | < 0,05                              | 0,016                             | < 0,010                           | < 0,010                          | < 0,010                           | < 0,010                           | 0,021                              | < 0,010                                | 0,014                               | 0,012                                 | 0,016                                 |
| Oxígeno disuelto                  | mg/L  | 12,0                              | 10,7                                | 10,5                              | 11,0                              | 8,2                              | 6,6                               | 8,1                               | 7,4                                | 9,0                                    | 7,9                                 | 9,5                                   | 9,3                                   |
| pH                                | pH    | 8,6                               | 8,6                                 | 8,8                               | 9,2                               | 8,8                              | 8,7                               | 9,1                               | 8,7                                | 8,6                                    | 8,5                                 | 8,0                                   | 8,3                                   |
| Potasio                           | mg/L  | ---                               | ---                                 | ---                               | ---                               | ---                              | ---                               | ---                               | ---                                | 5,4470                                 | ---                                 | ---                                   | ---                                   |
| Sílice                            | mg/L  | ---                               | ---                                 | ---                               | ---                               | ---                              | 10,1900                           | 12,1000                           | ---                                | 10,0400                                | < 0,8560                            | < 0,8560                              | < 0,8560                              |
| Sodio                             | mg/L  | ---                               | ---                                 | ---                               | ---                               | ---                              | ---                               | ---                               | ---                                | 41,0000                                | ---                                 | ---                                   | ---                                   |
| Sólidos en Suspensión             | mg/L  | < 10                              | < 10                                | 14                                | 16                                | 10                               | 13                                | < 10                              | 22                                 | 19                                     | 21                                  | < 10                                  | 26                                    |