



**Cauce:** RIO RUECAS

**Nombre de la masa de agua:** EMBALSE DEL RIO RUECAS

**Huso:** 30

[illegible]

|                                                                                 |                                                |                                                    |                 |                        |
|---------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------|-----------------|------------------------|
|  | <b>Confederación Hidrográfica del Guadiana</b> | <b>Gestión de laboratorios</b>                     | <b>Informes</b> | <b>Report: R030412</b> |
|                                                                                 | <b>Fecha: 15-12-2017</b>                       | <b>Resultados de análisis por punto de control</b> |                 | <b>Página: 2</b>       |

|                                         |                                                                 |                                                            |
|-----------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------|
| <b>Código:</b> GN00000180               | <b>Nombre del punto:</b> RIO RUECAS - E. Rucas. Centro de presa | <b>Cauce:</b> RIO RUECAS                                   |
| <b>Código de la masa de agua:</b> 20621 | <b>Nombre de la masa de agua:</b> EMBALSE DEL RIO RUECAS        |                                                            |
| <b>Localidad:</b> Logrosán              | <b>Provincia:</b> Cáceres                                       | <b>UTM X:</b> 284647 <b>UTM Y:</b> 4349966 <b>Huso:</b> 30 |

|                                       |       | ENERO<br>10-01-2017 | FEBRERO<br>06-02-2017 | MARZO<br>06-03-2017 | ABRIL<br>24-04-2017 | MAYO<br>15-05-2017 | JUNIO<br>07-06-2017 | JULIO<br>03-07-2017 | AGOSTO<br>22-08-2017 | SEPTIEMBRE<br>05-09-2017 | OCTUBRE<br>02-10-2017 | NOVIEMBRE<br>14-11-2017 | DICIEMBRE |
|---------------------------------------|-------|---------------------|-----------------------|---------------------|---------------------|--------------------|---------------------|---------------------|----------------------|--------------------------|-----------------------|-------------------------|-----------|
| Color                                 | mg/L  | 7,2                 | 6,2                   | 6,2                 | 5,4                 | 6,2                | 5,3                 | 6,5                 | 8,6                  | 5,9                      | 10,7                  | 6,4                     | ---       |
| Conductividad a 20 °C                 | µS/cm | 62                  | 74                    | 65                  | 66                  | 67                 | 69                  | 77                  | 71                   | 79                       | 71                    | 78                      | ---       |
| Cromo                                 | µg/L  | < 5,000             | ---                   | < 5,000             | < 5,000             | < 5,000            | < 5,000             | < 5,000             | < 5,000              | < 5,000                  | < 5,000               | ---                     | ---       |
| Cromo                                 | mg/L  | ---                 | 0,033200              | ---                 | ---                 | ---                | ---                 | ---                 | ---                  | ---                      | ---                   | ---                     | ---       |
| D.B.O. 5d                             | mg/L  | 1,6                 | 2,1                   | 1,6                 | 0,9                 | 1,2                | 0,7                 | 1,0                 | 0,7                  | 0,5                      | 0,6                   | 1,0                     | ---       |
| D.Q.O. 10min (Índice de Permanganato) | mg/L  | 2,8                 | 2,1                   | 2,2                 | 2,8                 | 3,1                | 2,3                 | 1,7                 | 2,2                  | 2,7                      | 3,4                   | 2,9                     | ---       |
| Dureza total                          | mg/L  | 17,2                | 18,9                  | 20,3                | 20,0                | 19,4               | 19,0                | 23,9                | 25,4                 | 21,1                     | 24,4                  | 24,4                    | ---       |
| Estaño                                | mg/L  | < 0,1000            | < 0,1000              | < 0,1000            | < 0,1000            | < 0,1000           | < 0,1000            | < 0,1000            | < 0,1000             | < 0,1000                 | < 0,1000              | < 0,1000                | ---       |
| Estroncio                             | mg/L  | < 0,5000            | < 0,5000              | < 0,5000            | < 0,5000            | < 0,5000           | < 0,5000            | < 0,5000            | < 0,5000             | < 0,5000                 | < 0,5000              | < 0,5000                | ---       |
| Fenoles                               | mg/L  | < 0,050             | < 0,050               | < 0,050             | < 0,050             | < 0,050            | < 0,050             | < 0,050             | < 0,050              | < 0,050                  | < 0,050               | < 0,050                 | ---       |
| Fluoruros                             | mg/L  | < 0,10              | < 0,10                | < 0,10              | < 0,10              | < 0,10             | < 0,10              | < 0,10              | < 0,10               | < 0,10                   | < 0,10                | < 0,10                  | ---       |
| Fosfatos                              | mg/L  | < 0,05              | < 0,05                | < 0,05              | < 0,05              | < 0,05             | < 0,05              | < 0,05              | < 0,05               | < 0,05                   | < 0,05                | < 0,05                  | ---       |
| Fósforo total                         | mg/L  | < 0,1000            | < 0,1000              | < 0,1000            | < 0,1000            | < 0,1000           | < 0,1000            | < 0,1000            | < 0,1000             | < 0,1000                 | < 0,1000              | < 0,1000                | ---       |
| Hidróxidos                            | mg/L  | < 0,1               | < 0,1                 | < 0,1               | < 0,1               | < 0,1              | < 0,1               | < 0,1               | < 0,1                | < 0,1                    | < 0,1                 | < 0,1                   | ---       |
| Hierro                                | mg/L  | < 0,1000            | < 0,1000              | < 0,1000            | < 0,1000            | < 0,1000           | < 0,1000            | < 0,1000            | < 0,1000             | < 0,1000                 | < 0,1000              | 0,1113                  | ---       |
| Magnesio                              | mg/L  | 2,0190              | 2,3160                | 2,5820              | 2,5090              | 2,2980             | 2,3580              | 2,6710              | 2,8360               | 2,6110                   | 2,7480                | 2,8250                  | ---       |
| Manganeso                             | µg/L  | 6,617               | ---                   | 4,239               | 3,536               | 4,850              | 3,082               | 5,935               | 8,816                | 11,250                   | 7,742                 | ---                     | ---       |
| Manganeso                             | mg/L  | ---                 | < 0,1000              | ---                 | ---                 | ---                | ---                 | ---                 | ---                  | ---                      | ---                   | < 0,1000                | ---       |
| Mercurio                              | µg/L  | ---                 | ---                   | < 0,050             | < 0,050             | < 0,020            | < 0,020             | < 0,020             | < 0,020              | < 0,020                  | < 0,020               | < 0,020                 | ---       |
| Mercurio                              | mg/L  | < 0,000050          | < 0,000050            | ---                 | ---                 | ---                | ---                 | ---                 | ---                  | ---                      | ---                   | ---                     | ---       |
| Níquel                                | µg/L  | < 5,000             | ---                   | < 5,000             | < 5,000             | < 5,000            | < 5,000             | < 5,000             | < 5,000              | < 5,000                  | < 5,000               | ---                     | ---       |
| Níquel                                | mg/L  | ---                 | < 0,0500              | ---                 | ---                 | ---                | ---                 | ---                 | ---                  | ---                      | ---                   | < 0,0500                | ---       |
| Nitratos                              | mg/L  | 1,7                 | 1,4                   | 1,7                 | 1,2                 | 1,0                | 1,1                 | < 1,0               | < 1,0                | < 1,0                    | < 1,0                 | < 1,0                   | ---       |
| Oxígeno disuelto                      | mg/L  | 10,3                | 11,1                  | 10,5                | 9,2                 | 9,7                | 8,4                 | 8,7                 | 8,4                  | 8,4                      | 8,2                   | 8,8                     | ---       |
| pH                                    | pH    | 7,2                 | 7,5                   | 7,2                 | 7,2                 | 7,4                | 7,3                 | 8,1                 | 7,7                  | 7,7                      | 7,5                   | 7,5                     | ---       |
| Plomo                                 | µg/L  | < 1,000             | ---                   | < 1,000             | < 1,000             | < 1,000            | < 1,000             | < 1,000             | 1,805                | < 1,000                  | < 1,000               | ---                     | ---       |
| Plomo                                 | mg/L  | ---                 | < 0,025000            | ---                 | ---                 | ---                | ---                 | ---                 | ---                  | ---                      | ---                   | ---                     | ---       |
| Potasio                               | mg/L  | < 1,0000            | < 1,0000              | 1,0200              | 1,0390              | 1,0470             | 1,0180              | 1,0580              | 1,1080               | < 1,0000                 | 1,1620                | < 1,0000                | ---       |

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|-----------------------|------|---------------------|-----------------------|---------------------|---------------------|--------------------|---------------------|---------------------|----------------------|--------------------------|-----------------------|-------------------------|-----------|
| Selenio               | µg/L | < 1,000             | ---                   | < 1,000             | < 1,000             | < 1,000            | < 1,000             | < 1,000             | < 1,000              | 1,575                    | < 1,000               | ---                     | ---       |
| Selenio               | mg/L | ---                 | < 0,025000            | ---                 | ---                 | ---                | ---                 | ---                 | ---                  | ---                      | ---                   | ---                     | ---       |
| Sílice                | mg/L | 4,9130              | 3,7120                | 3,8200              | 3,0930              | 2,8650             | 2,3680              | 2,1650              | 2,0610               | 2,3270                   | 2,2260                | < 0,8560                | ---       |
| Sodio                 | mg/L | 4,4790              | 4,9850                | 4,9120              | 4,9130              | 5,2080             | 4,9630              | 5,3850              | 5,7660               | 5,5130                   | 5,9350                | 5,9010                  | ---       |
| Sólidos en Suspensión | mg/L | < 10                | < 10                  | < 10,0              | < 10,0              | < 10,0             | < 10,0              | < 10,0              | < 10,0               | < 10,0                   | < 10,0                | < 10,0                  | ---       |
| Sulfatos              | mg/L | < 5,0               | < 5,0                 | < 5,0               | < 5,0               | < 5,0              | 5,2                 | 5,0                 | < 5,0                | < 5,0                    | < 5,0                 | < 5,0                   | ---       |