

























**RED INTEGRAL CALIDAD DE LAS AGUAS**

(Subred COCA)

Red ICA: 17

Subred: 17

Coordenadas X: 392078

Río: RIO BULLAQUE

Y: 4358425

Situación: E. Torre de Abraham. Centro de presa

Z:

- Año 1970 -

| PARAMETROS                                | ENE   | FEB   | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT   | NOV   | DIC   | UNIDADES   |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
| Temp.Agua                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | °C         |
| Temp.Ambiente                             | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | °C         |
| V. embalsado                              | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | Hm³        |
| <b>CARACTERISTICAS ORGANOLEPTICAS</b>     |       |       |       |       |       |       |       |       |       |       |       |       |            |
| Color                                     | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |            |
| Aspecto                                   | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |            |
| <b>CARACTERISTICAS FISICO-QUIMICAS</b>    |       |       |       |       |       |       |       |       |       |       |       |       |            |
| Conductividad 20°C                        | 80    | 80    | 85    | 160   | 180   | 260   | 162   | ----- | 133   |       |       |       | µS/cm      |
| pH  | 6,4   | 6,6   | 6,6   | 6,8   | 6,8   | 6,6   | 6,9   | ----- | 6,5   |       |       |       | pH         |
| Mats.Suspensión                           | ----- | 34    | 3     | 2     | 9     | 13    | 2     | ----- | 29    |       |       |       | mg/L       |
| Dureza Total                              | 56,0  | 58,0  | 38,0  | 38,0  | 40,0  | 50,0  | 46,0  | ----- | 40,0  |       |       |       | mg/L CO3Ca |
| Dza.Perman.                               | 14,0  | 52,0  | 36,0  | 8,0   | 12,0  | 18,0  | 22,0  | ----- | 20,0  |       |       |       | mg/L CO3Ca |
| <b>CARACTERISTICAS QUIMICAS</b>           |       |       |       |       |       |       |       |       |       |       |       |       |            |
| Cloruros                                  | 7,0   | 5,0   | 9,0   | 10,0  | 10,0  | 14,0  | 15,0  | ----- | 12,0  | N     | N     | N     | mg/L Cl-   |
| Sulfatos                                  | < 4,0 | < 4,0 | < 4,0 | < 4,0 | < 4,0 | 12,0  | 4,0   | ----- | 7,0   | O     | O     | O     | mg/L SO4=  |
| Nitratos                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Carbonatos                                | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | ----- | < 0,1 | S     | S     | S     | mg/L CO3Ca |
| Bicarbonatos                              | 42,0  | 6,0   | 2,0   | 30,0  | 28,0  | 32,0  | 24,0  | ----- | 20,0  | E     | E     | E     | mg/L CO3Ca |
| Fosfatos                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | T     | T     | T     |            |
| Fluoruros                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | O     | O     | O     |            |
| Cianuros                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | M     | M     | M     |            |
| Sílice                                    | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | Ó     | Ó     | Ó     |            |
| Calcio                                    | 17,0  | 12,0  | 8,0   | 8,0   | 9,0   | 10,0  | 10,0  | ----- | 10,0  |       |       |       | mg/L Ca    |
| Magnesio                                  | 6,0   | 7,0   | 4,0   | 4,0   | 4,0   | 5,0   | 5,0   | ----- | 4,0   | M     | M     | M     | mg/L Mg    |
| Sodio                                     | ----- | 3,0   | ----- | ----- | 14,0  | 4,0   | 2,0   | ----- | 3,0   | E     | E     | E     | mg/L Na    |
| Potasio                                   | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | S     | S     | S     |            |
| Cromo                                     | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | T     | T     | T     |            |
| Manganeso                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | R     | R     | R     |            |
| Hierro                                    | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | A     | A     | A     |            |
| Cobre                                     | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Cinc                                      | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Arsénico                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Cadmio                                    | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Mercurio                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Plomo                                     | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| <b>CARACTERISTICAS QUIMICO-BIOLÓGICAS</b> |       |       |       |       |       |       |       |       |       |       |       |       |            |
| Ox.Dto                                    | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Ox.Dto %                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| D.B.O. 5d                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| D.Q.O. 10min                              | 1,8   | 1,6   | 4,4   | 1,6   | 1,8   | 1,6   | 3,0   | ----- | 1,0   |       |       |       | mg/L O2    |
| Nitritos                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Fenoles                                   | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Detergentes                               | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Amonio                                    | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Alcalinidad                               | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| <b>CARACTERISTICAS BACTERIOLÓGICAS</b>    |       |       |       |       |       |       |       |       |       |       |       |       |            |
| Coliformes totales                        | 24    | 60    | 20    | 50    | 20    | 2     | 40    | ----- | 150   |       |       |       | UFC/100mL  |
| <b>INDICE GENERAL DE POLUCION</b>         |       |       |       |       |       |       |       |       |       |       |       |       |            |
| Indice U.V.                               | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |





















**RED INTEGRAL CALIDAD DE LAS AGUAS**

(Subred COCA)

Red ICA: 37

Subred: 37

Coordenadas X: 202899

Río: RIO GUADIANA

Y: 4313893

Situación: E. Montijo. Centro de presa

Z:

- Año 1970 -

| PARAMETROS                                | ENE   | FEB   | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT   | NOV   | DIC   | UNIDADES   |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
| Temp.Agua                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | °C         |
| Temp.Ambiente                             | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | °C         |
| V. embalsado                              | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | Hm³        |
| <b>CARACTERISTICAS ORGANOLEPTICAS</b>     |       |       |       |       |       |       |       |       |       |       |       |       |            |
| Color                                     | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |            |
| Aspecto                                   | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |            |
| <b>CARACTERISTICAS FISICO-QUIMICAS</b>    |       |       |       |       |       |       |       |       |       |       |       |       |            |
| Conductividad 20°C                        | 225   | 220   | 280   | 300   | 370   | 535   | 540   | ----- | 694   |       |       |       | µS/cm      |
| pH  | 7,4   | 7,3   | 7,7   | 7,5   | 7,4   | 7,5   | 7,5   | ----- | 7,3   |       |       |       | pH         |
| Mats.Suspensión                           | 63    | 68    | 4     | 8     | 18    | 29    | 20    | ----- | 40    |       |       |       | mg/L       |
| Dureza Total                              | 120,0 | 116,0 | 154,0 | 154,0 | 190,0 | 210,0 | 228,0 | ----- | 320,0 |       |       |       | mg/L CO3Ca |
| Dza.Perman.                               | 54,0  | 104,0 | 88,0  | 84,0  | 114,0 | 140,0 | 158,0 | ----- | 260,0 |       |       |       | mg/L CO3Ca |
| <b>CARACTERISTICAS QUIMICAS</b>           |       |       |       |       |       |       |       |       |       |       |       |       |            |
| Cloruros                                  | 14,0  | 16,0  | 23,0  | 22,0  | 28,0  | 34,0  | 34,0  | ----- | 45,0  | N     | N     | N     | mg/L Cl-   |
| Sulfatos                                  | 49,0  | 32,0  | 71,0  | 51,0  | 64,0  | 112,0 | 132,0 | ----- | 132,0 | O     | O     | O     | mg/L SO4=  |
| Nitratos                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Carbonatos                                | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | ----- | < 0,1 | S     | S     | S     | mg/L CO3Ca |
| Bicarbonatos                              | 66,0  | 12,0  | 66,0  | 70,0  | 76,0  | 70,0  | 70,0  | ----- | 60,0  | E     | E     | E     | mg/L CO3Ca |
| Fosfatos                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | T     | T     | T     |            |
| Fluoruros                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | O     | O     | O     |            |
| Cianuros                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | M     | M     | M     |            |
| Sílice                                    | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | Ó     | Ó     | Ó     |            |
| Calcio                                    | 26,0  | 29,0  | 33,0  | 33,0  | 42,0  | 49,0  | 54,0  | ----- | 73,0  |       |       |       | mg/L Ca    |
| Magnesio                                  | 13,0  | 11,0  | 17,0  | 17,0  | 20,0  | 21,0  | 22,0  | ----- | 32,0  | M     | M     | M     | mg/L Mg    |
| Sodio                                     | ----- | 11,0  | ----- | ----- | 11,0  | 19,0  | 15,0  | ----- | 21,0  | E     | E     | E     | mg/L Na    |
| Potasio                                   | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | S     | S     | S     |            |
| Cromo                                     | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | T     | T     | T     |            |
| Manganeso                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | R     | R     | R     |            |
| Hierro                                    | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | A     | A     | A     |            |
| Cobre                                     | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Cinc                                      | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Arsénico                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Cadmio                                    | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Mercurio                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Plomo                                     | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| <b>CARACTERISTICAS QUIMICO-BIOLÓGICAS</b> |       |       |       |       |       |       |       |       |       |       |       |       |            |
| Ox.Dto                                    | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Ox.Dto %                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| D.B.O. 5d                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| D.Q.O. 10min                              | 6,0   | 8,0   | 4,0   | 5,0   | 5,0   | 3,0   | 3,0   | ----- | 3,0   |       |       |       | mg/L O2    |
| Nitritos                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Fenoles                                   | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Detergentes                               | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Amonio                                    | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| Alcalinidad                               | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |
| <b>CARACTERISTICAS BACTERIOLÓGICAS</b>    |       |       |       |       |       |       |       |       |       |       |       |       |            |
| Coliformes totales                        | 0     | 50    | 200   | 106   | 600   | 300   | 40    | ----- | 20    |       |       |       | UFC/100mL  |
| <b>INDICE GENERAL DE POLUCION</b>         |       |       |       |       |       |       |       |       |       |       |       |       |            |
| Indice U.V.                               | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |       |       |            |













