



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 1

Subred: 1

Coordenadas X: 509269

Río: RIO GUADIANA

Y: 4314287

Situación: E.A. La Cubeta

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|--------|--------|-------|-------|--------|--------|--------|-------|--------|--------|--------|--------|------------|---------|
| Temp.Agua | 7,0 | 8,0 | 10,0 | 11,0 | 14,0 | 20,0 | 20,0 | 22,0 | 21,0 | 19,0 | 17,0 | 12,0 | °C | |
| Temp.Ambiente | 3,00 | 12,00 | 13,00 | 8,00 | 17,00 | 21,00 | 21,00 | 27,00 | 16,00 | 20,00 | 22,00 | 9,00 | °C | |
| Caudal | 3,34 | 2,70 | 2,70 | 2,70 | 2,64 | 2,78 | 3,10 | 3,10 | 2,78 | 2,70 | 2,70 | 1,75 | m³/s | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 10 | 10 | 20 | ----- | 20 | 20 | 20 | ----- | 20 | 20 | 20 | 20 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 550 | 570 | 600 | 560 | 560 | 600 | 550 | 600 | 600 | 560 | 550 | 490 | µS/cm | |
| pH | 7,8 | 7,8 | 8,0 | 7,6 | 8,1 | 7,8 | 8,0 | 7,9 | 6,5 | 8,0 | 8,0 | 7,9 | pH | |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 3 | 2 | 3 | 4 | 1 | 2 | 2 | 6 | mg/L | |
| Dureza Total | 270,0 | 260,0 | 278,0 | 270,0 | 256,0 | 256,0 | 244,0 | 252,0 | 250,0 | 236,0 | 240,0 | 260,0 | mg/L CO3Ca | |
| Dza.Perman. | 82,0 | 70,0 | 86,0 | 88,0 | 76,0 | 88,0 | 82,0 | 84,0 | 140,0 | 74,0 | 70,0 | 82,0 | mg/L CO3Ca | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 29,0 | 31,0 | 28,0 | ----- | 26,0 | 27,0 | 30,0 | ----- | 30,0 | 30,0 | 30,0 | 28,0 | mg/L Cl- | |
| Sulfatos | 50,0 | 73,0 | 84,0 | ----- | 78,0 | 76,0 | 85,0 | ----- | 125,0 | 78,0 | 75,0 | 80,0 | mg/L SO4= | |
| Nitratos | 62,0 | ----- | ----- | ----- | 15,0 | 20,0 | 19,0 | ----- | 28,0 | 19,0 | 18,0 | 24,5 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca | |
| Bicarbonatos | 188,0 | 190,0 | 192,0 | 182,0 | 180,0 | 168,0 | 162,0 | 168,0 | 110,0 | 162,0 | 170,0 | 178,0 | mg/L CO3Ca | |
| Fosfatos | < 0,01 | < 0,01 | 0,15 | ----- | < 0,01 | < 0,01 | 0,08 | ----- | 0,04 | < 0,01 | < 0,01 | < 0,01 | mg/L PO4-3 | |
| Fluoruros | 0,21 | 0,22 | 0,10 | ----- | 0,14 | 0,17 | 0,12 | ----- | 0,10 | 0,14 | 0,09 | 0,26 | mg/L F- | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | | |
| Calcio | 76,0 | 76,0 | 80,0 | ----- | 73,6 | 67,2 | 72,0 | ----- | 67,2 | 64,0 | 67,2 | 69,6 | mg/L Ca | |
| Magnesio | 19,4 | 17,0 | 18,9 | ----- | 17,5 | 21,4 | 15,5 | ----- | 19,9 | 18,4 | 17,5 | 20,9 | mg/L Mg | |
| Sodio | 23,0 | ----- | ----- | ----- | 20,0 | 19,0 | ----- | ----- | ----- | ----- | ----- | 19,0 | mg/L Na | |
| Potasio | ----- | ----- | ----- | ----- | ----- | ----- | 1,4 | ----- | 1,1 | 1,4 | 1,2 | ----- | ----- | |
| Cromo | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | < 0,02 | ----- | ----- | ----- | |
| Manganeso | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | < 0,05 | ----- | ----- | ----- | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | 0,10 | ----- | < 0,05 | < 0,05 | ----- | ----- | ----- | |
| Cobre | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | < 0,05 | ----- | ----- | ----- | |
| Cinc | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | |
| Arsénico | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | < 0,02 | ----- | ----- | ----- | |
| Cadmio | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | < 0,02 | ----- | ----- | ----- | |
| Mercurio | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | |
| Plomo | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | < 0,02 | ----- | ----- | ----- | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 2,0 | 0,6 | 0,4 | 1,9 | 0,4 | 0,6 | 0,7 | 1,0 | 0,6 | 0,8 | 1,2 | 1,3 | mg/L O2 | |
| D.Q.O. 10min | 0,6 | 0,4 | 0,6 | 0,4 | 1,8 | 0,4 | 0,9 | 1,0 | 0,8 | 1,9 | 0,8 | 1,1 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | |
| Amonio | 0,01 | ----- | ----- | ----- | < 0,01 | ----- | < 0,01 | ----- | < 0,01 | < 0,01 | < 0,01 | ----- | ----- | |
| Alcalinidad | 188,0 | 190,0 | 192,0 | 182,0 | 180,0 | 168,0 | 162,0 | 168,0 | 110,0 | 162,0 | 170,0 | 178,0 | mg/L CO3Ca | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 0 | 2 | 2 | 2 | 40 | 14 | 0 | 20 | 0 | 20 | 0 | 40 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 2 Subred: 2
Río: RIO GUADIANA
Situación: E.Peñarroya. Centro de presa

Coordenadas X: 499452
Y: 4323585
Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------------|---------|
| Temp.Agua | 6,0 | 5,0 | 6,0 | 10,0 | 12,0 | 19,0 | 21,0 | 25,0 | 14,0 | 18,0 | 13,0 | 11,0 | °C | |
| Temp.Ambiente | 7,00 | 8,00 | 9,00 | 9,00 | 21,00 | 21,00 | 22,00 | 30,00 | 18,00 | 20,00 | 19,00 | 13,00 | °C | |
| V. embalsado | 25 | 27 | 29 | 31 | 34 | 33 | 31 | 26 | ----- | 18 | 19 | 20 | Hm³ | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 10 | 20 | 20 | ----- | 20 | 20 | 20 | ----- | 20 | 20 | 20 | 20 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 520 | 540 | 560 | 550 | 550 | 600 | 550 | 570 | 580 | 550 | 500 | 500 | µS/cm | |
| pH | 7,8 | 7,8 | 7,7 | 7,4 | 8,0 | 8,0 | 8,1 | 8,2 | 7,7 | 7,3 | 8,0 | 7,9 | pH | |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 3 | 2 | 5 | 7 | 3 | 4 | 2 | 6 | mg/L | |
| Dureza Total | 244,0 | 280,0 | 278,0 | 264,0 | 248,0 | 258,0 | 232,0 | 224,0 | 210,0 | 218,0 | 220,0 | 218,0 | mg/L CO3Ca | |
| Dza.Perman. | 100,0 | 132,0 | 132,0 | 108,0 | 94,0 | 116,0 | 100,0 | 104,0 | 94,0 | 94,0 | 100,0 | 98,0 | mg/L CO3Ca | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 36,0 | 37,0 | 36,0 | ----- | 34,0 | 35,0 | 34,0 | ----- | 35,0 | 35,0 | 38,0 | 37,0 | mg/L Cl- | |
| Sulfatos | 80,0 | 101,0 | 112,0 | ----- | 102,0 | 95,0 | 98,0 | ----- | 114,0 | 100,0 | 100,0 | 96,0 | mg/L SO4= | |
| Nitratos | 38,0 | ----- | ----- | ----- | 8,5 | 11,5 | 12,0 | ----- | 10,5 | 7,0 | 7,6 | 10,5 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca | |
| Bicarbonatos | 144,0 | 148,0 | 146,0 | 156,0 | 154,0 | 142,0 | 132,0 | 120,0 | 116,0 | 124,0 | 120,0 | 120,0 | mg/L CO3Ca | |
| Fosfatos | 0,12 | < 0,01 | 0,32 | ----- | < 0,01 | < 0,01 | 0,14 | ----- | < 0,01 | 0,26 | < 0,01 | 0,05 | mg/L PO4-3 | |
| Fluoruros | 0,21 | 0,17 | 0,10 | ----- | 0,11 | 0,10 | 0,08 | ----- | 0,13 | 0,13 | 0,10 | 0,19 | mg/L F- | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | | |
| Calcio | 57,6 | 64,0 | 64,0 | ----- | 65,6 | 62,4 | 29,2 | ----- | 50,4 | 49,6 | 50,4 | 48,0 | mg/L Ca | |
| Magnesio | 24,3 | 29,1 | 26,6 | ----- | 20,4 | 24,9 | 20,4 | ----- | 20,4 | 22,8 | 22,8 | 23,8 | mg/L Mg | |
| Sodio | 23,0 | ----- | ----- | ----- | 24,0 | 22,0 | ----- | ----- | ----- | ----- | ----- | 24,0 | mg/L Na | |
| Potasio | ----- | | | | | | 1,9 | ----- | 1,9 | 2,0 | 1,6 | ----- | | |
| Cromo | ----- | | | | | | | | | < 0,02 | ----- | | | |
| Manganeso | ----- | | | | | | | | | < 0,05 | ----- | | | |
| Hierro | < 0,05 | < 0,05 | ----- | | | | < 0,05 | ----- | < 0,05 | < 0,05 | ----- | | | |
| Cobre | ----- | | | | | | | | | < 0,05 | ----- | | | |
| Cinc | ----- | | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | < 0,02 | ----- | | | |
| Cadmio | ----- | | | | | | | | | < 0,02 | ----- | | | |
| Mercurio | ----- | | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | < 0,02 | ----- | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 1,7 | 0,8 | 1,0 | 3,1 | 2,4 | 1,1 | 0,6 | 1,1 | < 0,4 | 6,3 | 1,2 | 1,7 | mg/L O2 | |
| D.Q.O. 10min | 1,6 | 1,4 | 1,3 | 2,0 | 3,6 | 1,6 | 1,3 | 1,2 | 1,5 | 2,8 | 1,0 | 1,8 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | |
| Amonio | 0,01 | ----- | | | | 0,03 | ----- | < 0,01 | ----- | 0,01 | 0,16 | 0,03 | ----- | |
| Alcalinidad | 144,0 | 148,0 | 146,0 | 156,0 | 154,0 | 142,0 | 132,0 | 120,0 | 116,0 | 124,0 | 120,0 | 120,0 | mg/L CO3Ca | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 240 | 0 | 260 | 20 | 0 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 3 Subred: 3
Río: RIO AZUER
Situación: Ctra. Infantes-Carrizosa

Coordenadas X: 499781
Y: 4296474
Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES |
|---|--------|--------|-------|-------|--------|--------|--------|-------|-------|-------|-------|--------|------------|
| Temp.Agua | 2,0 | 6,0 | 10,0 | 14,0 | 13,0 | 19,0 | 18,0 | ----- | ----- | ----- | ----- | 5,0 | °C |
| Temp.Ambiente | 2,00 | 10,00 | 10,00 | 12,10 | 18,00 | 21,00 | 16,00 | ----- | ----- | ----- | ----- | 10,00 | °C |
| Caudal | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | ----- | ----- | ----- | ----- | ----- | m³/s |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | |
| Color | 10 | 20 | 20 | ----- | 30 | 20 | 20 | ----- | ----- | ----- | ----- | 20 | U.Pt |
| Aspecto | ----- | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | |
| Conductividad 20°C | 1300 | 1250 | 1450 | 1360 | 1250 | 1450 | 1700 | ----- | ----- | ----- | ----- | 1700 | µS/cm |
| pH | 7,9 | 7,9 | 7,9 | 7,8 | 8,2 | 8,1 | 7,9 | ----- | ----- | ----- | ----- | 7,8 | pH |
| Mats.Suspensión | ----- | | | ----- | 19 | 29 | 52 | ----- | ----- | ----- | ----- | 3 | mg/L |
| Dureza Total | 860,0 | 810,0 | 880,0 | 820,0 | 740,0 | 845,0 | 1050,0 | ----- | ----- | ----- | ----- | 1280,0 | mg/L CO3Ca |
| Dza.Perman. | 622,0 | 570,0 | 654,0 | 598,0 | 518,0 | 631,0 | 804,0 | ----- | ----- | ----- | ----- | 1024,0 | mg/L CO3Ca |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | |
| Cloruros | 26,0 | 27,0 | 27,0 | ----- | 26,0 | 29,0 | 38,0 | ----- | ----- | ----- | ----- | 39,0 | mg/L Cl- |
| Sulfatos | 625,0 | 505,0 | 690,0 | ----- | 575,0 | 635,0 | 900,0 | ----- | ----- | ----- | ----- | 920,0 | mg/L SO4= |
| Nitratos | 52,0 | ----- | ----- | ----- | 9,5 | 9,5 | 11,0 | ----- | ----- | ----- | ----- | 19,0 | mg/L NO3- |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | ----- | ----- | ----- | ----- | < 0,1 | mg/L CO3Ca |
| Bicarbonatos | 238,0 | 240,0 | 226,0 | 222,0 | 222,0 | 214,0 | 246,0 | ----- | ----- | ----- | ----- | 256,0 | mg/L CO3Ca |
| Fosfatos | 0,08 | < 0,01 | 0,17 | ----- | 0,07 | < 0,01 | 0,26 | ----- | ----- | ----- | ----- | < 0,01 | mg/L PO4-3 |
| Fluoruros | 0,33 | 0,30 | 0,23 | ----- | 0,24 | 0,27 | 0,30 | ----- | ----- | ----- | ----- | 0,42 | mg/L F- |
| Cianuros | ----- | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | |
| Calcio | 208,0 | 212,0 | 200,0 | ----- | 168,0 | 192,0 | 240,0 | ----- | ----- | ----- | ----- | 300,0 | mg/L Ca |
| Magnesio | 82,6 | 53,8 | 92,3 | ----- | 77,7 | 88,7 | 109,3 | ----- | ----- | ----- | ----- | 128,8 | mg/L Mg |
| Sodio | 20,0 | ----- | ----- | ----- | 20,0 | 22,0 | ----- | ----- | ----- | ----- | ----- | 30,0 | mg/L Na |
| Potasio | ----- | | | | | | 4,8 | ----- | | | | | |
| Cromo | ----- | | | | | | | | | | | | |
| Manganeso | ----- | | | | | | | | | | | | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | 0,25 | ----- | | | | | |
| Cobre | ----- | | | | | | | | | | | | |
| Cinc | ----- | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | |
| Cadmio | ----- | | | | | | | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 1,3 | 1,0 | 0,6 | 1,4 | 0,4 | 0,7 | < 0,4 | ----- | ----- | ----- | ----- | 1,4 | mg/L O2 |
| D.Q.O. 10min | < 0,4 | 0,7 | 1,0 | < 0,4 | 2,0 | 1,9 | 1,6 | ----- | ----- | ----- | ----- | 1,8 | mg/L O2 |
| Nitritos | ----- | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | |
| Amonio | < 0,01 | ----- | | | < 0,01 | ----- | | 0,01 | ----- | | | | |
| Alcalinidad | 238,0 | 240,0 | 226,0 | 222,0 | 222,0 | 214,0 | 246,0 | ----- | ----- | ----- | ----- | 256,0 | mg/L CO3Ca |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | |
| Coliformes totales | 50 | 0 | 50 | 50 | 4 | 0 | 20 | ----- | ----- | ----- | ----- | 80 | UFC/100mL |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 6

Subred: 6

Coordenadas X: 493058

Río: RIO GIGÜELA

Y: 4388104

Situación: E.A. Quintanar

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------|--|
| Temp.Agua | 4,0 | 4,0 | 9,0 | 10,0 | 13,0 | 17,0 | 17,0 | 25,0 | 18,0 | 15,0 | 9,0 | 5,0 | °C | |
| Temp.Ambiente | 1,00 | 1,00 | 8,00 | 8,00 | 12,00 | 19,00 | 18,00 | 31,00 | 21,00 | 19,00 | 15,00 | 4,00 | °C | |
| Caudal | 4,96 | 4,00 | 4,00 | 3,94 | 6,00 | 3,64 | 2,20 | 0,90 | 1,10 | 1,10 | 1,50 | 1,95 | m³/s | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 20 | 30 | 20 | ----- | 20 | 20 | 20 | ----- | 20 | 20 | 20 | 20 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 1900 | 2000 | 2050 | 2000 | 2100 | 2200 | 2300 | 2600 | 2400 | 2100 | 2000 | 2050 | µS/cm | |
| pH | 7,8 | 7,8 | 7,6 | 7,7 | 7,9 | 8,0 | 7,8 | 7,8 | 7,6 | 7,9 | 7,8 | 7,8 | pH | |
| Mats.Suspensión | ----- | | | | 38 | 22 | 27 | 106 | 32 | 13 | 5 | 5 | mg/L | |
| Dureza Total | 1420,0 | 1500,0 | 1500,0 | 1460,0 | 1400,0 | 1460,0 | 1590,0 | 1540,0 | 1480,0 | 1400,0 | 1440,0 | 1460,0 | mg/L CO3Ca | |
| Dza.Perman. | 1250,0 | 1332,0 | 1344,0 | 1298,0 | 1240,0 | 1318,0 | 1456,0 | 1412,0 | 1370,0 | 1276,0 | 1300,0 | 1302,0 | mg/L CO3Ca | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 25,0 | 27,0 | 28,0 | ----- | 27,0 | 30,0 | 58,0 | ----- | 49,0 | 28,0 | 28,0 | 30,0 | mg/L Cl- | |
| Sulfatos | 1300,0 | 1080,0 | 1300,0 | ----- | 1320,0 | 1300,0 | 1500,0 | ----- | 1310,0 | 980,0 | 1200,0 | 1300,0 | mg/L SO4= | |
| Nitratos | 50,0 | ----- | ----- | ----- | 11,0 | 13,0 | 16,5 | ----- | 18,0 | 21,5 | 21,0 | 28,0 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca | |
| Bicarbonatos | 170,0 | 168,0 | 156,0 | 162,0 | 160,0 | 142,0 | 134,0 | 128,0 | 110,0 | 124,0 | 140,0 | 158,0 | mg/L CO3Ca | |
| Fosfatos | 0,18 | < 0,01 | < 0,01 | ----- | < 0,01 | < 0,01 | < 0,01 | ----- | < 0,01 | < 0,01 | < 0,01 | < 0,01 | mg/L PO4-3 | |
| Fluoruros | 0,67 | 0,70 | 0,75 | ----- | 0,80 | 0,65 | 0,88 | ----- | 0,84 | 0,90 | 0,95 | 1,00 | mg/L F- | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | | |
| Calcio | 460,0 | 456,0 | 444,0 | ----- | 440,0 | 440,0 | 480,0 | ----- | 448,0 | 448,0 | 448,0 | 432,0 | mg/L Ca | |
| Magnesio | 65,6 | 87,5 | 94,8 | ----- | 72,9 | 87,5 | 94,7 | ----- | 87,5 | 68,0 | 77,7 | 92,3 | mg/L Mg | |
| Sodio | 15,0 | ----- | ----- | ----- | 15,0 | 16,5 | ----- | ----- | ----- | ----- | ----- | 15,0 | mg/L Na | |
| Potasio | ----- | | | | | | 2,5 | ----- | 2,6 | 2,1 | 1,9 | ----- | | |
| Cromo | ----- | | | | | | | | | < 0,02 | ----- | | | |
| Manganeso | ----- | | | | | | | | | < 0,05 | ----- | | | |
| Hierro | < 0,05 | < 0,05 | ----- | | | | 0,10 | ----- | < 0,05 | 0,10 | ----- | | | |
| Cobre | ----- | | | | | | | | | < 0,05 | ----- | | | |
| Cinc | ----- | | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | 0,04 | ----- | | | |
| Cadmio | ----- | | | | | | | | | < 0,02 | ----- | | | |
| Mercurio | ----- | | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | < 0,02 | ----- | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | mg/L O2 | |
| Ox.Dto % | ----- | | | | | | | | | | | | % SAT | |
| D.B.O. 5d | 0,9 | 1,2 | 1,3 | 0,7 | 0,4 | 0,5 | 0,4 | 1,0 | < 0,4 | 1,2 | 0,6 | 0,5 | mg/L O2 | |
| D.Q.O. 10min | 0,9 | 1,2 | 1,3 | 0,7 | 2,1 | 0,9 | 1,8 | 3,3 | 1,6 | 2,0 | 0,7 | 1,4 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | |
| Amonio | < 0,01 | ----- | | | | < 0,01 | ----- | < 0,01 | ----- | < 0,01 | < 0,01 | < 0,01 | ----- | |
| Alcalinidad | 170,0 | 168,0 | 156,0 | 162,0 | 160,0 | 142,0 | 134,0 | 128,0 | 110,0 | 124,0 | 140,0 | 158,0 | mg/L CO3Ca | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 0 | 0 | 40 | 40 | 100 | 0 | 40 | 200 | 100 | 160 | 60 | 40 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 11

Subred: 11

Coordenadas X: 463173

Río: RIO GIGÜELA

Y: 4343895

Situación: E.A. Villarta de San Juan

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------|---------|
| Temp.Agua | 6,0 | 6,0 | 10,0 | 9,0 | 14,0 | 19,0 | 22,0 | 26,0 | 19,0 | 16,0 | 9,0 | 4,0 | °C | |
| Temp.Ambiente | -3,00 | -2,00 | 6,00 | 10,00 | 8,00 | 14,00 | 20,00 | 32,00 | 16,00 | 21,00 | 7,00 | 1,00 | °C | |
| Caudal | 0,12 | 0,09 | 0,20 | 0,30 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | m³/s | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 20 | 40 | 40 | ----- | 30 | 50 | 20 | ----- | 50 | 40 | 20 | 30 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 2100 | 2300 | 2700 | 2500 | 2950 | 2500 | 7500 | 6000 | 9500 | 8000 | 7000 | 6600 | µS/cm | |
| pH | 7,9 | 7,8 | 7,8 | 7,9 | 7,8 | 8,0 | 7,6 | 8,1 | 7,8 | 7,7 | 7,9 | 7,7 | pH | |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 9 | 5 | 17 | 38 | 86 | 27 | 23 | 20 | mg/L | |
| Dureza Total | 1500,0 | 1560,0 | 1720,0 | 1620,0 | 1940,0 | 1420,0 | 4625,0 | 3060,0 | 5220,0 | 4760,0 | 4325,0 | 4070,0 | mg/L CO3Ca | |
| Dza.Perman. | 1250,0 | 1276,0 | 1260,0 | 1188,0 | 1698,0 | 928,0 | 4461,0 | 2818,0 | 5006,0 | 4400,0 | 4047,0 | 3772,0 | mg/L CO3Ca | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 74,0 | 89,0 | 120,0 | ----- | 145,0 | 103,0 | 1170,0 | ----- | 1430,0 | 1230,0 | 1240,0 | 1090,0 | mg/L Cl- | |
| Sulfatos | 1290,0 | 1200,0 | 1650,0 | ----- | 1775,0 | 850,0 | 4250,0 | ----- | 4050,0 | 3900,0 | 1750,0 | 3250,0 | mg/L SO4= | |
| Nitratos | 32,5 | ----- | ----- | ----- | 1,6 | 4,5 | 11,0 | ----- | 18,0 | 16,0 | 17,0 | 24,5 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca | |
| Bicarbonatos | 250,0 | 284,0 | 460,0 | 432,0 | 242,0 | 492,0 | 164,0 | 242,0 | 214,0 | 360,0 | 278,0 | 298,0 | mg/L CO3Ca | |
| Fosfatos | 2,38 | 2,19 | 2,80 | ----- | 2,50 | 6,05 | 0,60 | ----- | 0,22 | 0,33 | < 0,01 | < 0,01 | mg/L PO4-3 | |
| Fluoruros | 0,70 | 0,66 | 0,75 | ----- | 0,90 | 0,63 | 0,71 | ----- | 0,90 | 1,10 | 1,10 | 1,20 | mg/L F- | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | | |
| Calcio | 440,0 | 456,0 | 448,0 | ----- | 480,0 | 392,0 | 360,0 | ----- | 376,0 | 400,0 | 380,0 | 352,0 | mg/L Ca | |
| Magnesio | 97,2 | 102,1 | 145,8 | ----- | 179,8 | 106,9 | 905,1 | ----- | 1040,0 | 913,7 | 820,1 | 775,2 | mg/L Mg | |
| Sodio | 45,0 | ----- | ----- | ----- | 80,0 | 63,0 | ----- | ----- | ----- | ----- | ----- | 435,0 | mg/L Na | |
| Potasio | ----- | ----- | ----- | ----- | ----- | ----- | 7,5 | ----- | 7,8 | 6,8 | 5,6 | ----- | mg/L | |
| Cromo | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | < 0,02 | ----- | ----- | mg/L | |
| Manganeso | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | < 0,05 | ----- | ----- | mg/L | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | < 0,05 | ----- | < 0,05 | 0,10 | ----- | ----- | mg/L | |
| Cobre | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0,15 | ----- | ----- | mg/L | |
| Cinc | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | mg/L | |
| Arsénico | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0,07 | ----- | ----- | mg/L | |
| Cadmio | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | < 0,02 | ----- | ----- | mg/L | |
| Mercurio | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | mg/L | |
| Plomo | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0,02 | ----- | ----- | mg/L | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 1,5 | 2,3 | 4,7 | 4,0 | 1,2 | 16,0 | 5,7 | 5,0 | 5,6 | 6,1 | 1,1 | 2,9 | mg/L O2 | |
| D.Q.O. 10min | 3,3 | 5,9 | 9,0 | 13,2 | 6,9 | 12,0 | 8,2 | 7,7 | 12,0 | 16,0 | 5,6 | 5,8 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | mg/L |
| Fenoles | ----- | | | | | | | | | | | | | mg/L |
| Detergentes | ----- | | | | | | | | | | | | | mg/L |
| Amonio | 0,05 | ----- | ----- | ----- | 0,20 | ----- | 0,15 | ----- | 0,30 | 0,32 | 0,02 | ----- | mg/L | |
| Alcalinidad | 250,0 | 284,0 | 460,0 | 432,0 | 242,0 | 492,0 | 164,0 | 242,0 | 214,0 | 360,0 | 278,0 | 298,0 | mg/L CO3Ca | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 50 | 50 | 40 | 50 | 20 | 400 | 0 | 5000 | 200 | 0 | 60 | 14000 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | ----- |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 12

Subred: 12

Coordenadas X: 419044

Río: RIO BECEA

Y: 4331520

Situación: E. Gasset. Centro de presa

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES |
|---|--------|--------|--------|-------|--------|-------|--------|-------|--------|--------|--------|-------|----------|
| Temp.Agua | 1,0 | 1,0 | 8,0 | 9,0 | 13,0 | 11,0 | 17,0 | 23,0 | 27,0 | ----- | ----- | ----- | °C |
| Temp.Ambiente | 2,00 | 2,00 | 9,00 | 11,00 | 13,00 | 11,00 | 15,00 | 20,00 | 26,00 | ----- | ----- | ----- | °C |
| V. embalsado | 3 | 3 | 3 | 2 | 2 | 3 | 2 | 2 | ----- | 1 | ----- | ----- | Hm³ |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | |
| Color | 10 | 20 | 20 | ----- | 20 | 20 | 20 | ----- | 20 | 30 | ----- | ----- | |
| Aspecto | ----- | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | |
| Conductividad 20°C | 450 | 460 | 480 | 450 | 475 | 520 | 490 | 600 | 700 | 770 | ----- | ----- | |
| pH | 7,9 | 7,8 | 7,5 | 7,3 | 7,7 | 8,1 | 8,6 | 8,2 | 7,6 | 7,5 | ----- | ----- | |
| Mats.Suspensión | ----- | | | | 30 | 51 | 43 | 27 | 45 | 75 | ----- | ----- | |
| Dureza Total | 186,0 | 184,0 | 184,0 | 184,0 | 172,0 | 183,0 | 186,0 | 196,0 | 292,0 | 266,0 | ----- | ----- | |
| Dza.Perman. | 98,0 | 94,0 | 96,0 | 92,0 | 90,0 | 107,0 | 110,0 | 108,0 | 190,0 | 176,0 | ----- | ----- | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | |
| Cloruros | 71,0 | 76,0 | 73,0 | ----- | 76,0 | 77,0 | 78,0 | ----- | 118,0 | 147,0 | ----- | ----- | |
| Sulfatos | 55,0 | 52,0 | 51,0 | ----- | 58,0 | 58,0 | 68,0 | ----- | 75,0 | 110,0 | ----- | ----- | |
| Nitratos | 13,5 | ----- | ----- | ----- | 1,5 | 2,4 | 2,0 | ----- | 4,0 | 4,8 | ----- | ----- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | 8,0 | 8,0 | < 0,1 | < 0,1 | ----- | ----- | |
| Bicarbonatos | 88,0 | 90,0 | 88,0 | 92,0 | 82,0 | 76,0 | 68,0 | 88,0 | 102,0 | 90,0 | ----- | ----- | |
| Fosfatos | < 0,01 | < 0,01 | < 0,01 | ----- | < 0,01 | 0,06 | 0,10 | ----- | 0,11 | 0,12 | ----- | ----- | |
| Fluoruros | 0,20 | 0,18 | 0,10 | ----- | 0,12 | 0,14 | 0,13 | ----- | 0,17 | 0,17 | ----- | ----- | |
| Cianuros | ----- | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | |
| Calcio | 48,0 | 47,2 | 46,0 | ----- | 45,6 | 48,0 | 45,6 | ----- | 62,4 | 70,4 | ----- | ----- | |
| Magnesio | 16,0 | 16,0 | 16,7 | ----- | 14,1 | 15,3 | 17,5 | ----- | 33,0 | 21,9 | ----- | ----- | |
| Sodio | 28,0 | ----- | ----- | ----- | 28,0 | 23,0 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Potasio | ----- | | | | | | 2,3 | ----- | 3,1 | 2,8 | ----- | ----- | |
| Cromo | ----- | | | | | | | | | | < 0,02 | ----- | |
| Manganeso | ----- | | | | | | | | | | < 0,05 | ----- | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | ----- | ----- | < 0,05 | 0,30 | ----- | ----- | |
| Cobre | ----- | | | | | | | | | | | | < 0,05 |
| Cinc | ----- | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | < 0,02 | ----- | |
| Cadmio | ----- | | | | | | | | | | < 0,02 | ----- | |
| Mercurio | ----- | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | < 0,02 | ----- | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | |
| Ox.Dto % | ----- | | | | | | | | | | | | |
| D.B.O. 5d | 3,4 | 0,4 | 2,0 | 1,6 | 1,7 | 2,5 | 3,9 | 1,5 | 1,5 | 4,2 | ----- | ----- | |
| D.Q.O. 10min | 2,8 | 2,4 | 2,6 | 3,5 | 4,2 | 4,5 | 7,0 | 4,3 | 4,8 | 5,5 | ----- | ----- | |
| Nitritos | ----- | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | 0,0 | ----- | |
| Amonio | 0,01 | ----- | ----- | ----- | < 0,01 | ----- | < 0,01 | ----- | 0,50 | < 0,01 | ----- | ----- | |
| Alcalinidad | 88,0 | 90,0 | 88,0 | 92,0 | 82,0 | 76,0 | 76,0 | 88,0 | 102,0 | 90,0 | ----- | ----- | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | |
| Coliformes totales | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 500 | 0 | 0 | ----- | ----- | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 13

Subred: 13

Coordenadas X: 413744

Río: RIO GUADIANA

Y: 4323808

Situación: E. Vicario. Centro de presa

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|------------|---------|
| Temp.Agua | 13,0 | 6,0 | 13,0 | 14,0 | 17,0 | 22,0 | 24,0 | 24,0 | ----- | 17,0 | 14,0 | 12,0 | °C | |
| Temp.Ambiente | 10,00 | 5,00 | 12,00 | 16,00 | 18,00 | 25,00 | 22,00 | 19,50 | ----- | 16,00 | 10,00 | 10,00 | °C | |
| V. embalsado | 6 | 7 | 1 | 7 | 7 | 7 | 7 | 5 | ----- | 3 | 3 | 3 | Hm³ | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 20 | 50 | 20 | ----- | 30 | 20 | 20 | ----- | 30 | 30 | 30 | 20 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 1100 | 1220 | 1900 | 1850 | 2050 | 2300 | 2100 | 2050 | 2100 | 1750 | 1350 | 1200 | µS/cm | |
| pH | 8,0 | 8,0 | 7,8 | 7,5 | 7,8 | 7,9 | 8,1 | 8,3 | 7,8 | 7,6 | 7,8 | 7,8 | pH | |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 5 | 4 | 17 | 15 | 17 | 14 | 15 | 10 | mg/L | |
| Dureza Total | 600,0 | 600,0 | 1060,0 | 1130,0 | 1100,0 | 1320,0 | 1160,0 | 1000,0 | 1040,0 | 890,0 | 685,0 | 650,0 | mg/L CO3Ca | |
| Dza.Perman. | 424,0 | 488,0 | 828,0 | 940,0 | 900,0 | 1092,0 | 970,0 | 792,0 | 832,0 | 728,0 | 547,0 | 502,0 | mg/L CO3Ca | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 113,0 | 127,0 | 165,0 | ----- | 167,0 | 169,0 | 174,0 | ----- | 85,0 | 161,0 | 140,0 | 122,0 | mg/L Cl- | |
| Sulfatos | 365,0 | 390,0 | 850,0 | ----- | 840,0 | 1100,0 | 860,0 | ----- | 900,0 | 600,0 | 375,0 | 450,0 | mg/L SO4= | |
| Nitratos | 45,0 | ----- | ----- | ----- | 4,4 | 7,2 | 4,8 | ----- | 6,2 | 5,2 | 4,7 | 7,0 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca | |
| Bicarbonatos | 176,0 | 172,0 | 232,0 | 190,0 | 200,0 | 228,0 | 190,0 | 208,0 | 208,0 | 162,0 | 138,0 | 148,0 | mg/L CO3Ca | |
| Fosfatos | < 0,01 | 0,17 | 0,08 | ----- | 0,18 | 0,07 | 0,16 | ----- | 0,41 | 0,28 | 0,12 | 0,37 | mg/L PO4-3 | |
| Fluoruros | 0,31 | 0,24 | 0,40 | ----- | 0,39 | 0,50 | 0,43 | ----- | 0,50 | 0,36 | 0,35 | 0,42 | mg/L F- | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | | |
| Calcio | 132,0 | 140,0 | 232,0 | ----- | 248,0 | 292,0 | 248,0 | ----- | 224,0 | 232,0 | 140,0 | 120,0 | mg/L Ca | |
| Magnesio | 65,6 | 75,3 | 116,6 | ----- | 116,6 | 167,6 | 131,2 | ----- | 116,6 | 75,3 | 81,4 | 85,0 | mg/L Mg | |
| Sodio | 53,0 | ----- | ----- | ----- | 88,0 | 75,0 | ----- | ----- | ----- | ----- | ----- | 54,0 | mg/L Na | |
| Potasio | ----- | ----- | ----- | ----- | ----- | ----- | 9,4 | ----- | 7,8 | 8,0 | 5,4 | ----- | ----- | |
| Cromo | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | < 0,02 | ----- | ----- | ----- | |
| Manganeso | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0,32 | ----- | ----- | ----- | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | < 0,05 | ----- | < 0,05 | < 0,05 | ----- | ----- | ----- | |
| Cobre | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | < 0,05 | ----- | ----- | ----- | |
| Cinc | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | |
| Arsénico | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | < 0,02 | ----- | ----- | ----- | |
| Cadmio | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | < 0,02 | ----- | ----- | ----- | |
| Mercurio | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | |
| Plomo | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | < 0,02 | ----- | ----- | ----- | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 6,3 | 5,6 | 1,4 | 1,9 | 1,0 | 3,3 | 3,1 | 4,5 | 1,0 | 2,2 | 6,5 | 2,1 | mg/L O2 | |
| D.Q.O. 10min | 4,0 | 6,5 | 3,0 | 5,5 | 5,6 | 4,5 | 6,0 | 6,1 | 7,7 | 6,9 | 6,4 | 5,1 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | |
| Amonio | 0,15 | ----- | ----- | ----- | 0,20 | ----- | 0,20 | ----- | 0,13 | < 0,01 | 0,13 | ----- | ----- | |
| Alcalinidad | 176,0 | 172,0 | 232,0 | 190,0 | 200,0 | 228,0 | 190,0 | 208,0 | 208,0 | 162,0 | 138,0 | 148,0 | mg/L CO3Ca | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 20 | 6 | 4 | 6 | 0 | 100 | 20 | 20 | 20 | 40 | 0 | 60 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 14

Subred: 14

Coordenadas X: 510074

Río: RIO JABALON

Y: 4283587

Situación: Pte. Ctra. Vva. de los Infantes-Montiel

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES |
|---|--------|--------|-------|-------|-------|-------|--------|-------|-------|--------|--------|-------|------------|
| Temp.Agua | 14,0 | 2,0 | 12,0 | 15,0 | 21,0 | 20,0 | 23,0 | 24,0 | 14,0 | 13,0 | 11,0 | 4,0 | °C |
| Temp.Ambiente | 12,00 | 8,00 | 12,00 | 15,00 | 17,00 | 22,00 | 27,00 | 31,00 | 10,00 | 16,00 | 24,00 | 8,00 | °C |
| Caudal | 0,06 | 0,08 | 0,09 | 0,09 | 0,10 | 0,00 | 0,00 | 0,00 | 0,04 | 0,05 | 0,05 | 0,05 | m³/s |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | |
| Color | 20 | 30 | 20 | ----- | 30 | 40 | 30 | ----- | 60 | 20 | 30 | 20 | U.Pt |
| Aspecto | ----- | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | |
| Conductividad 20°C | 1250 | 1300 | 1350 | 1400 | 1370 | 1450 | 1050 | 1100 | 1050 | 1300 | 1380 | 1160 | µS/cm |
| pH | 7,6 | 7,8 | 7,8 | 7,6 | 8,0 | 7,9 | 8,0 | 8,0 | 7,5 | 7,7 | 7,8 | 7,9 | pH |
| Mats.Suspensión | ----- | | | | 14 | 6 | 20 | 45 | 7 | 17 | 5 | 8 | mg/L |
| Dureza Total | 850,0 | 870,0 | 825,0 | 925,0 | 820,0 | 760,0 | 540,0 | 440,0 | 375,0 | 700,0 | 860,0 | 815,0 | mg/L CO3Ca |
| Dza.Perman. | 594,0 | 632,0 | 581,0 | 669,0 | 540,0 | 426,0 | 180,0 | 4,0 | < 0,1 | 364,0 | 582,0 | 511,0 | mg/L CO3Ca |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | |
| Cloruros | 20,0 | 19,0 | 24,0 | ----- | 27,0 | 36,0 | 36,0 | ----- | 38,0 | 33,0 | 21,0 | 23,0 | mg/L Cl- |
| Sulfatos | 580,0 | 680,0 | 640,0 | ----- | 560,0 | 480,0 | 270,0 | ----- | 54,0 | 450,0 | 400,0 | 520,0 | mg/L SO4= |
| Nitratos | 62,0 | ----- | ----- | ----- | 10,0 | 4,0 | 2,9 | ----- | 60,0 | 3,9 | 11,0 | 10,5 | mg/L NO3- |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca |
| Bicarbonatos | 256,0 | 238,0 | 244,0 | 256,0 | 280,0 | 334,0 | 360,0 | 436,0 | 416,0 | 336,0 | 278,0 | 304,0 | mg/L CO3Ca |
| Fosfatos | 1,05 | 0,20 | 2,37 | ----- | 3,05 | 4,85 | 6,60 | ----- | 17,50 | 7,50 | 0,07 | 4,85 | mg/L PO4-3 |
| Fluoruros | 0,31 | 0,33 | 0,35 | ----- | 0,25 | 0,20 | 0,18 | ----- | 0,13 | 0,23 | 0,26 | 0,32 | mg/L F- |
| Cianuros | ----- | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | |
| Calcio | 220,0 | 220,0 | 216,0 | ----- | 212,0 | 196,0 | 144,0 | ----- | 112,0 | 196,0 | 228,0 | 212,0 | mg/L Ca |
| Magnesio | 72,9 | 77,7 | 69,2 | ----- | 70,4 | 65,6 | 43,7 | ----- | 23,1 | 51,0 | 70,5 | 69,2 | mg/L Mg |
| Sodio | 17,0 | ----- | ----- | ----- | 25,0 | 25,0 | ----- | ----- | ----- | ----- | ----- | 16,5 | mg/L Na |
| Potasio | ----- | | | | | | 17,0 | ----- | 14,5 | 14,0 | 7,6 | ----- | |
| Cromo | ----- | | | | | | | | | < 0,02 | ----- | | |
| Manganeso | ----- | | | | | | | | | | 0,06 | ----- | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | < 0,05 | ----- | 0,10 | 0,20 | ----- | ----- | |
| Cobre | ----- | | | | | | | | | | < 0,05 | ----- | |
| Cinc | ----- | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | < 0,02 | ----- | |
| Cadmio | ----- | | | | | | | | | | < 0,02 | ----- | |
| Mercurio | ----- | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | < 0,02 | ----- | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 5,9 | 2,2 | 0,6 | 3,9 | 6,1 | 3,3 | 3,8 | 3,9 | 5,5 | 4,6 | 4,5 | 6,1 | mg/L O2 |
| D.Q.O. 10min | 3,0 | 1,8 | 3,0 | 2,7 | 6,2 | 7,5 | 6,6 | 8,8 | 9,8 | 5,5 | 3,4 | 3,3 | mg/L O2 |
| Nitritos | ----- | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | |
| Amonio | 4,00 | ----- | ----- | ----- | 2,40 | ----- | 4,40 | ----- | 19,20 | < 0,01 | 0,50 | ----- | |
| Alcalinidad | 256,0 | 238,0 | 244,0 | 256,0 | 280,0 | 334,0 | 360,0 | 436,0 | 416,0 | 336,0 | 278,0 | 304,0 | mg/L CO3Ca |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | |
| Coliformes totales | 100 | 4 | 4 | 2 | 0 | 1000 | 60 | 2000 | 2000 | 1000 | 1000 | 10000 | UFC/100mL |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 15

Subred: 15

Coordenadas X: 411546

Río: RIO JABALON

Y: 4304969

Situación: E.A. Puente Morena

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES |
|---|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| Temp.Agua | 12,0 | 5,0 | 12,0 | 10,0 | 16,0 | 18,0 | ----- | ----- | ----- | ----- | ----- | ----- | °C |
| Temp.Ambiente | 11,00 | 3,00 | 10,00 | 8,00 | 14,00 | 18,00 | ----- | ----- | ----- | ----- | ----- | ----- | °C |
| Caudal | 0,34 | 0,36 | 0,34 | 0,30 | 0,86 | 0,00 | ----- | ----- | ----- | ----- | ----- | ----- | m³/s |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | |
| Color | 20 | 75 | 60 | ----- | 30 | 50 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Aspecto | ----- | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | |
| Conductividad 20°C | 1600 | 1700 | 1750 | 1500 | 1600 | 1850 | ----- | ----- | ----- | ----- | ----- | ----- | |
| pH | 8,1 | 7,9 | 8,1 | 8,1 | 8,0 | 8,0 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Mats.Suspensión | ----- | | | | 32 | 16 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Dureza Total | 800,0 | 790,0 | 1040,0 | 780,0 | 710,0 | 840,0 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Dza.Perman. | 428,0 | 328,0 | 446,0 | 236,0 | 384,0 | 392,0 | ----- | ----- | ----- | ----- | ----- | ----- | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | |
| Cloruros | 188,0 | 202,0 | 189,0 | ----- | 177,0 | 174,0 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Sulfatos | 380,0 | 310,0 | 240,0 | ----- | 350,0 | 345,0 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Nitratos | 100,0 | ----- | ----- | ----- | 5,6 | 5,0 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Bicarbonatos | 372,0 | 462,0 | 594,0 | 544,0 | 326,0 | 448,0 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Fosfatos | 1,75 | 3,33 | 4,75 | ----- | 3,20 | 8,05 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Fluoruros | 0,37 | 0,42 | 0,52 | ----- | 0,30 | 0,40 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Cianuros | ----- | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | |
| Calcio | 152,0 | 168,0 | 176,0 | ----- | 172,0 | 172,0 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Magnesio | 102,1 | 89,9 | 145,8 | ----- | 68,0 | 99,6 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Sodio | 115,0 | ----- | ----- | ----- | 105,0 | 92,0 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Potasio | ----- | | | | | | | | | | | | |
| Cromo | ----- | | | | | | | | | | | | |
| Manganeso | ----- | | | | | | | | | | | | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | |
| Cobre | ----- | | | | | | | | | | | | |
| Cinc | ----- | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | |
| Cadmio | ----- | | | | | | | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | |
| Ox.Dto % | ----- | | | | | | | | | | | | |
| D.B.O. 5d | 2,4 | 6,4 | 7,9 | 1,8 | 2,0 | 2,5 | ----- | ----- | ----- | ----- | ----- | ----- | |
| D.Q.O. 10min | 5,5 | 9,2 | 17,0 | 9,2 | 8,7 | 7,4 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Nitritos | ----- | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | |
| Amonio | 0,23 | ----- | ----- | ----- | 0,05 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | |
| Alcalinidad | 372,0 | 462,0 | 594,0 | 544,0 | 326,0 | 448,0 | ----- | ----- | ----- | ----- | ----- | ----- | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | |
| Coliformes totales | 10 | 30 | 0 | 0 | 4 | 100 | ----- | ----- | ----- | ----- | ----- | ----- | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 16

Subred: 16

Coordenadas X: 403276

Río: RIO GUADIANA

Y: 4305500

Situación: E.A. Balbuena

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|------------|
| Temp.Agua | 6,0 | 4,0 | 12,0 | 13,0 | 17,0 | 23,0 | 21,0 | 26,0 | 20,0 | 18,0 | 13,0 | 8,0 | °C |
| Temp.Ambiente | 4,00 | 1,00 | 8,00 | 9,00 | 12,00 | 21,00 | 15,00 | 35,00 | 14,00 | 15,00 | 9,00 | 7,00 | °C |
| Caudal | 1,35 | 1,35 | 2,26 | 1,84 | 2,90 | 1,91 | 0,86 | 0,00 | 0,00 | ----- | ----- | ----- | m³/s |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | |
| Color | 30 | 75 | 40 | ----- | 30 | 50 | 30 | ----- | 30 | 40 | 50 | 50 | U.Pt |
| Aspecto | ----- | | | | | | | | | | | | ----- |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | |
| Conductividad 20°C | 1250 | 1090 | 1850 | 1850 | 1850 | 2300 | 2250 | 2600 | 2500 | 2100 | 1850 | 1600 | µS/cm |
| pH | 7,6 | 7,7 | 7,9 | 7,7 | 7,9 | 7,7 | 7,7 | 8,2 | 7,8 | 7,6 | 7,9 | 7,9 | pH |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 9 | 5 | 10 | 18 | 8 | 16 | 30 | 19 | mg/L |
| Dureza Total | 650,0 | 550,0 | 1120,0 | 1000,0 | 1850,0 | 1320,0 | 2020,0 | 1200,0 | 1240,0 | 1050,0 | 880,0 | 780,0 | mg/L CO3Ca |
| Dza.Perman. | 400,0 | 358,0 | 872,0 | 552,0 | 1624,0 | 1054,0 | 1694,0 | 930,0 | 906,0 | 754,0 | 488,0 | 384,0 | mg/L CO3Ca |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | |
| Cloruros | 127,0 | 110,0 | 162,0 | ----- | 167,0 | 187,0 | 188,0 | ----- | 240,0 | 230,0 | 200,0 | 149,0 | mg/L Cl- |
| Sulfatos | 360,0 | 290,0 | 660,0 | ----- | 710,0 | 880,0 | 910,0 | ----- | 810,0 | 670,0 | 450,0 | 340,0 | mg/L SO4= |
| Nitratos | 32,5 | ----- | ----- | ----- | 3,2 | 4,3 | 5,0 | ----- | 9,0 | 11,0 | 43,0 | 17,5 | mg/L NO3- |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca |
| Bicarbonatos | 250,0 | 192,0 | 248,0 | 448,0 | 226,0 | 266,0 | 326,0 | 270,0 | 334,0 | 296,0 | 392,0 | 396,0 | mg/L CO3Ca |
| Fosfatos | 0,77 | 1,63 | 1,75 | ----- | 1,37 | 5,75 | 8,90 | ----- | 6,50 | 9,50 | 0,65 | 6,25 | mg/L PO4-3 |
| Fluoruros | 0,33 | 0,27 | 0,50 | ----- | 0,42 | 0,38 | 0,50 | ----- | 0,60 | 0,54 | 0,54 | 0,35 | mg/L F- |
| Cianuros | ----- | | | | | | | | | | | | ----- |
| Sílice | ----- | | | | | | | | | | | | ----- |
| Calcio | 152,0 | 120,0 | 228,0 | ----- | 228,0 | 264,0 | 272,0 | ----- | 272,0 | 232,0 | 192,0 | 176,0 | mg/L Ca |
| Magnesio | 65,6 | 60,7 | 133,6 | ----- | 92,3 | 160,3 | 325,6 | ----- | 136,1 | 114,2 | 97,2 | 82,6 | mg/L Mg |
| Sodio | 62,0 | ----- | ----- | ----- | 100,0 | 75,0 | ----- | ----- | ----- | ----- | ----- | 80,0 | mg/L Na |
| Potasio | ----- | | | | | | 15,5 | ----- | 18,0 | 12,5 | 18,0 | ----- | ----- |
| Cromo | ----- | | | | | | | | | < 0,02 | ----- | | ----- |
| Manganeso | ----- | | | | | | | | | < 0,05 | ----- | | ----- |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | < 0,05 | < 0,05 | 0,10 | 0,20 | ----- | ----- | ----- |
| Cobre | ----- | | | | | | | | | < 0,05 | ----- | | ----- |
| Cinc | ----- | | | | | | | | | | | | ----- |
| Arsénico | ----- | | | | | | | | | < 0,02 | ----- | | ----- |
| Cadmio | ----- | | | | | | | | | < 0,02 | ----- | | ----- |
| Mercurio | ----- | | | | | | | | | | | | ----- |
| Plomo | ----- | | | | | | | | | < 0,02 | ----- | | ----- |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 48,0 | 5,3 | 2,2 | 9,5 | 1,8 | 14,0 | 13,0 | 10,0 | 12,0 | 2,6 | 55,0 | 90,0 | mg/L O2 |
| D.Q.O. 10min | 13,6 | 7,3 | 6,1 | 11,0 | 8,1 | 7,6 | 12,8 | 15,6 | 10,4 | 10,4 | 18,4 | 11,8 | mg/L O2 |
| Nitritos | ----- | | | | | | | | | | | | ----- |
| Fenoles | ----- | | | | | | | | | | | | ----- |
| Detergentes | ----- | | | | | | | | | | | | ----- |
| Amonio | 4,00 | ----- | ----- | ----- | 1,00 | ----- | 7,00 | ----- | 5,40 | < 0,01 | 1,20 | ----- | ----- |
| Alcalinidad | 250,0 | 192,0 | 248,0 | 448,0 | 226,0 | 266,0 | 326,0 | 270,0 | 334,0 | 296,0 | 392,0 | 396,0 | mg/L CO3Ca |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | |
| Coliformes totales | 200 | 40 | 10 | 12 | 50 | 5000 | 100 | 0 | 0 | 1000 | 2000 | 60000 | UFC/100mL |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | ----- |



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 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES |
|---|--------|--------|--------|-------|--------|--------|--------|-------|--------|--------|--------|--------|------------|
| Temp.Agua | 1,0 | 1,0 | 6,0 | 9,0 | 13,0 | 15,0 | 22,0 | 23,0 | 20,0 | 14,0 | 9,0 | 6,0 | °C |
| Temp.Ambiente | 0,00 | 3,00 | 8,00 | 8,00 | 16,00 | 16,00 | 24,00 | 22,00 | 24,00 | 14,00 | 11,00 | 9,00 | °C |
| V. embalsado | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 11 | ----- | 6 | 4 | 4 | Hm³ |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | |
| Color | 10 | 20 | 20 | ----- | 20 | 20 | 20 | ----- | 20 | 20 | 20 | 20 | U.Pt |
| Aspecto | ----- | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | |
| Conductividad 20°C | 135 | 140 | 150 | 145 | 150 | 165 | 170 | 200 | 210 | 200 | 200 | 180 | µS/cm |
| pH | 6,9 | 6,9 | 7,1 | 6,5 | 7,1 | 7,4 | 8,0 | 7,9 | 7,2 | 7,5 | 7,3 | 7,7 | pH |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 7 | 2 | 7 | 7 | 9 | 7 | 8 | 15 | mg/L |
| Dureza Total | 55,0 | 54,0 | 52,0 | 56,0 | 53,0 | 59,0 | 62,0 | 64,0 | 69,0 | 76,0 | 77,0 | 75,0 | mg/L CO3Ca |
| Dza.Perman. | 25,0 | 24,0 | 22,0 | 22,0 | 23,0 | 25,0 | 22,0 | 24,0 | 21,0 | 48,0 | 5,0 | 27,0 | mg/L CO3Ca |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | |
| Cloruros | 16,0 | 19,0 | 18,0 | ----- | 19,0 | 21,0 | 20,0 | ----- | 23,0 | 23,0 | 24,0 | 24,0 | mg/L Cl- |
| Sulfatos | 15,0 | 18,0 | 21,0 | ----- | 18,0 | 17,0 | 21,0 | ----- | 20,0 | 20,0 | 22,0 | 12,0 | mg/L SO4= |
| Nitratos | 8,5 | ----- | ----- | ----- | 0,8 | 0,5 | 0,8 | ----- | 2,4 | 3,0 | 4,0 | 4,7 | mg/L NO3- |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca |
| Bicarbonatos | 30,0 | 30,0 | 30,0 | 34,0 | 30,0 | 34,0 | 40,0 | 40,0 | 48,0 | 28,0 | 72,0 | 48,0 | mg/L CO3Ca |
| Fosfatos | < 0,01 | < 0,01 | < 0,01 | ----- | < 0,01 | < 0,01 | < 0,01 | ----- | < 0,01 | < 0,01 | < 0,01 | 0,07 | mg/L PO4-3 |
| Fluoruros | 0,15 | 0,13 | 0,45 | ----- | 0,09 | 0,09 | 0,05 | ----- | 0,13 | 0,13 | 0,11 | 0,19 | mg/L F- |
| Cianuros | ----- | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | |
| Calcio | 12,8 | 12,8 | 13,2 | ----- | 13,2 | 14,0 | 15,6 | ----- | 17,2 | 17,6 | 18,8 | 18,4 | mg/L Ca |
| Magnesio | 5,6 | 5,3 | 4,7 | ----- | 4,8 | 5,8 | 5,7 | ----- | 6,3 | 7,8 | 7,3 | 7,0 | mg/L Mg |
| Sodio | 7,5 | ----- | ----- | ----- | 8,0 | 8,1 | ----- | ----- | ----- | ----- | ----- | 9,0 | mg/L Na |
| Potasio | ----- | | | | | | < 0,5 | ----- | 1,4 | 1,5 | 1,3 | ----- | |
| Cromo | ----- | | | | | | | | | < 0,02 | ----- | | |
| Manganeso | ----- | | | | | | | | | < 0,05 | ----- | | |
| Hierro | < 0,05 | < 0,05 | ----- | | | | < 0,05 | ----- | < 0,05 | 0,10 | ----- | | |
| Cobre | ----- | | | | | | | | | < 0,05 | ----- | | |
| Cinc | ----- | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | < 0,02 | ----- | | |
| Cadmio | ----- | | | | | | | | | < 0,02 | ----- | | |
| Mercurio | ----- | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | < 0,02 | ----- | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 2,9 | 1,8 | 1,0 | 2,1 | 1,0 | 1,0 | 1,4 | 1,0 | 0,4 | 1,0 | 1,1 | 1,5 | mg/L O2 |
| D.Q.O. 10min | 2,9 | 2,7 | 24,0 | 2,8 | 3,6 | 2,8 | 4,1 | 3,2 | 3,4 | 4,1 | 3,4 | 3,8 | mg/L O2 |
| Nitritos | ----- | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | |
| Amonio | < 0,01 | ----- | | | | 0,01 | ----- | 0,01 | ----- | < 0,01 | < 0,01 | < 0,01 | ----- |
| Alcalinidad | 30,0 | 30,0 | 30,0 | 34,0 | 30,0 | 34,0 | 40,0 | 40,0 | 48,0 | 28,0 | 72,0 | 48,0 | mg/L CO3Ca |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | |
| Coliformes totales | 20 | 8 | 0 | 0 | 0 | 600 | 0 | 0 | 20 | 60 | 0 | 0 | UFC/100mL |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 18

Subred: 18

Coordenadas X: 388499

Río: RIO BULLAQUE

Y: 4315919

Situación: E.A. Luciana

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|------------|--|
| Temp.Agua | 0,0 | 2,0 | 7,0 | 10,0 | 13,0 | 15,0 | 18,0 | 21,0 | 15,0 | 13,0 | 5,0 | 6,0 | °C | |
| Temp.Ambiente | 4,00 | 3,00 | 9,00 | 11,00 | 14,00 | 17,00 | 23,00 | 26,00 | 20,00 | 16,00 | 9,00 | 8,00 | °C | |
| Caudal | 0,80 | 1,10 | 0,50 | 0,80 | 2,00 | 0,95 | 0,30 | 0,00 | 0,00 | 0,40 | 0,46 | 0,46 | m³/s | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 20 | 50 | 20 | ----- | 30 | 20 | 30 | ----- | 20 | 20 | 20 | 20 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 235 | 290 | 330 | 320 | 260 | 330 | 310 | 430 | 440 | 410 | 385 | 270 | µS/cm | |
| pH | 7,0 | 7,0 | 7,2 | 7,0 | 7,1 | 7,4 | 7,4 | 7,5 | 7,4 | 7,7 | 7,2 | 7,4 | pH | |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 3 | 2 | 32 | 7 | 8 | 23 | 12 | 3 | mg/L | |
| Dureza Total | 90,0 | 106,0 | 112,0 | 118,0 | 88,0 | 109,0 | 124,0 | 140,0 | 142,0 | 135,0 | 125,0 | 101,0 | mg/L CO3Ca | |
| Dza.Perman. | 42,0 | 30,0 | 20,0 | 32,0 | 32,0 | 45,0 | 36,0 | 24,0 | 12,0 | 19,0 | 57,0 | 43,0 | mg/L CO3Ca | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 31,0 | 38,0 | 39,0 | ----- | 24,0 | 48,0 | 33,0 | ----- | 42,0 | 42,0 | 56,0 | 39,0 | mg/L Cl- | |
| Sulfatos | 25,0 | 22,0 | 21,0 | ----- | 23,0 | 24,0 | 38,0 | ----- | 22,0 | 35,0 | 32,0 | 30,0 | mg/L SO4= | |
| Nitratos | 18,5 | ----- | ----- | ----- | 6,6 | 0,9 | 0,8 | ----- | 3,3 | 3,9 | 3,7 | 4,7 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca | |
| Bicarbonatos | 48,0 | 76,0 | 92,0 | 86,0 | 56,0 | 64,0 | 88,0 | 116,0 | 130,0 | 116,0 | 68,0 | 58,0 | mg/L CO3Ca | |
| Fosfatos | 0,21 | 0,23 | 0,64 | ----- | 0,34 | 0,22 | 0,42 | ----- | 0,22 | 0,10 | < 0,01 | 0,08 | mg/L PO4-3 | |
| Fluoruros | 0,14 | 0,12 | 0,11 | ----- | 0,05 | 0,08 | 0,10 | ----- | 0,14 | 0,13 | 0,08 | 0,14 | mg/L F- | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | | |
| Calcio | 17,6 | 21,6 | 25,2 | ----- | 18,8 | 24,0 | 27,2 | ----- | 32,0 | 28,8 | 28,0 | 21,6 | mg/L Ca | |
| Magnesio | 11,2 | 12,6 | 11,9 | ----- | 9,9 | 11,9 | 13,6 | ----- | 15,0 | 15,3 | 13,4 | 11,4 | mg/L Mg | |
| Sodio | 16,0 | ----- | ----- | ----- | 20,0 | 20,5 | ----- | ----- | ----- | ----- | ----- | 18,0 | mg/L Na | |
| Potasio | ----- | | | | | | 4,0 | ----- | 3,3 | 3,5 | 3,7 | ----- | | |
| Cromo | ----- | | | | | | | | | < 0,02 | ----- | | | |
| Manganeso | ----- | | | | | | | | | < 0,05 | ----- | | | |
| Hierro | < 0,05 | ----- | | | | | | 0,10 | ----- | 0,10 | 0,20 | ----- | | |
| Cobre | ----- | | | | | | | | | < 0,05 | ----- | | | |
| Cinc | ----- | | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | < 0,02 | ----- | | | |
| Cadmio | ----- | | | | | | | | | < 0,02 | ----- | | | |
| Mercurio | ----- | | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | < 0,02 | ----- | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | mg/L O2 | |
| Ox.Dto % | ----- | | | | | | | | | | | | % SAT | |
| D.B.O. 5d | 3,3 | 3,1 | 3,1 | 1,7 | 0,6 | 0,9 | 2,3 | 2,0 | 0,5 | 3,3 | 0,4 | 0,6 | mg/L O2 | |
| D.Q.O. 10min | 3,4 | 5,9 | 6,5 | 3,9 | 4,8 | 2,3 | 6,6 | 4,7 | 4,8 | 6,0 | 2,8 | 2,5 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | |
| Amonio | 0,02 | ----- | | | | 0,01 | ----- | 0,01 | ----- | < 0,01 | < 0,01 | < 0,01 | ----- | |
| Alcalinidad | 48,0 | 76,0 | 92,0 | 86,0 | 56,0 | 64,0 | 88,0 | 116,0 | 130,0 | 116,0 | 68,0 | 58,0 | mg/L CO3Ca | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 6 | 6 | 0 | 0 | 4 | 80 | 0 | 0 | 180 | 200 | 0 | 40 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 19

Subred: 19

Coordenadas X: 387840

Río: RIO GUADIANA

Y: 4315370

Situación: E.A. Luciana

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES |
|---|--------|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|------------|
| Temp.Agua | 4,0 | 5,0 | 11,0 | 13,0 | 16,0 | 21,0 | 19,0 | ----- | ----- | ----- | 12,0 | 7,0 | °C |
| Temp.Ambiente | 3,00 | 4,00 | 8,00 | 8,00 | 10,00 | 14,00 | 15,00 | ----- | ----- | ----- | 8,00 | 5,00 | °C |
| Caudal | 2,20 | 2,60 | 3,80 | 2,10 | 5,40 | 3,90 | 1,70 | ----- | ----- | ----- | 1,58 | 1,30 | m³/s |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | |
| Color | 40 | 40 | 20 | ----- | 30 | 20 | 20 | ----- | ----- | ----- | 20 | 40 | U.Pt |
| Aspecto | ----- | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | |
| Conductividad 20°C | 1100 | 1310 | 1700 | 1600 | 1450 | 1700 | 900 | ----- | ----- | ----- | 1650 | 1200 | µS/cm |
| pH | 7,5 | 7,6 | 7,3 | 7,6 | 7,6 | 7,9 | 7,6 | ----- | ----- | ----- | 8,0 | 7,7 | pH |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 6 | 20 | 8 | ----- | ----- | ----- | 5 | 16 | mg/L |
| Dureza Total | 560,0 | 670,0 | 850,0 | 450,0 | 745,0 | 850,0 | 415,0 | ----- | ----- | ----- | 845,0 | 580,0 | mg/L CO3Ca |
| Dza.Perman. | 330,0 | 456,0 | 642,0 | 284,0 | 571,0 | 658,0 | 271,0 | ----- | ----- | ----- | 621,0 | 318,0 | mg/L CO3Ca |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | |
| Cloruros | 106,0 | 138,0 | 157,0 | ----- | 135,0 | 140,0 | 82,0 | ----- | ----- | ----- | 155,0 | 110,0 | mg/L Cl- |
| Sulfatos | 310,0 | 390,0 | 640,0 | ----- | 560,0 | 600,0 | 260,0 | ----- | ----- | ----- | 480,0 | 275,0 | mg/L SO4= |
| Nitratos | 28,0 | ----- | ----- | ----- | 4,7 | 7,2 | 2,0 | ----- | ----- | ----- | 7,6 | 7,0 | mg/L NO3- |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | ----- | ----- | ----- | < 0,1 | < 0,1 | mg/L CO3Ca |
| Bicarbonatos | 230,0 | 214,0 | 208,0 | 166,0 | 174,0 | 192,0 | 144,0 | ----- | ----- | ----- | 224,0 | 262,0 | mg/L CO3Ca |
| Fosfatos | 2,66 | 1,83 | 0,80 | ----- | 1,55 | 2,62 | 2,40 | ----- | ----- | ----- | 1,85 | 2,37 | mg/L PO4-3 |
| Fluoruros | 0,32 | 0,29 | 0,11 | ----- | 0,32 | 0,29 | 0,16 | ----- | ----- | ----- | 0,26 | 0,26 | mg/L F- |
| Cianuros | ----- | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | |
| Calcio | 128,0 | 148,0 | 198,0 | ----- | 174,0 | 196,0 | 90,0 | ----- | ----- | ----- | 200,0 | 124,0 | mg/L Ca |
| Magnesio | 58,3 | 72,9 | 86,3 | ----- | 70,4 | 87,5 | 46,2 | ----- | ----- | ----- | 83,8 | 65,6 | mg/L Mg |
| Sodio | 62,0 | ----- | ----- | ----- | 74,0 | 40,0 | ----- | ----- | ----- | ----- | ----- | 54,0 | mg/L Na |
| Potasio | ----- | | | | | | 6,8 | ----- | | | | 8,4 | ----- |
| Cromo | ----- | | | | | | | | | | | | |
| Manganeso | ----- | | | | | | | | | | | | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | 0,10 | ----- | ----- | ----- | ----- | ----- | |
| Cobre | ----- | | | | | | | | | | | | |
| Cinc | ----- | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | |
| Cadmio | ----- | | | | | | | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 20,0 | 4,8 | 3,7 | 3,2 | 0,9 | 3,7 | 1,1 | ----- | ----- | ----- | 3,6 | 10,0 | mg/L O2 |
| D.Q.O. 10min | 8,0 | 7,2 | 5,2 | 25,6 | 6,0 | 4,8 | 4,5 | ----- | ----- | ----- | 6,6 | 11,4 | mg/L O2 |
| Nitritos | ----- | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | |
| Amonio | 4,00 | ----- | ----- | ----- | 0,05 | ----- | < 0,01 | ----- | ----- | ----- | 0,17 | ----- | |
| Alcalinidad | 230,0 | 214,0 | 208,0 | 166,0 | 174,0 | 192,0 | 144,0 | ----- | ----- | ----- | 224,0 | 262,0 | mg/L CO3Ca |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | |
| Coliformes totales | 10 | 0 | 4 | 6 | 2 | 300 | 140 | ----- | ----- | ----- | 0 | 60 | UFC/100mL |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 21

Subred: 21

Coordenadas X: 326443

Río: RIO GUADIANA

Y: 4360120

Situación: E. Cijara. Centro de presa

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|--------|--------|--------|-------|--------|--------|--------|-------|--------|--------|-------|-------|------------|---------|
| Temp.Agua | 8,0 | 9,0 | 13,0 | 15,0 | 15,0 | 23,0 | 23,0 | 22,0 | 24,0 | 20,0 | 16,0 | 11,0 | °C | |
| Temp.Ambiente | 2,00 | ----- | 13,00 | 16,00 | 11,00 | 22,00 | 20,00 | 21,00 | 22,00 | 18,00 | 14,00 | 5,00 | °C | |
| V. embalsado | 845 | 746 | 659 | 534 | 470 | 383 | 303 | 297 | ----- | 292 | 289 | 289 | Hm³ | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 10 | 20 | 20 | ----- | 20 | 20 | 20 | ----- | 20 | 20 | 20 | 20 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 710 | 730 | 720 | 700 | 670 | 850 | 810 | 860 | 860 | 850 | 770 | 800 | µS/cm | |
| pH | 7,3 | 6,9 | 7,2 | 7,5 | 7,8 | 7,7 | 7,8 | 7,9 | 7,8 | 7,6 | 7,5 | 7,5 | pH | |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 11 | 12 | 3 | 22 | 13 | 11 | 11 | 9 | mg/L | |
| Dureza Total | 356,0 | 348,0 | 340,0 | 352,0 | 308,0 | 306,0 | 395,0 | 336,0 | 356,0 | 352,0 | 370,0 | 364,0 | mg/L CO3Ca | |
| Dza.Perman. | 276,0 | 266,0 | 260,0 | 270,0 | 230,0 | 226,0 | 309,0 | 250,0 | 268,0 | 260,0 | 272,0 | 268,0 | mg/L CO3Ca | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 45,0 | 51,0 | 46,0 | ----- | 43,0 | 47,0 | 51,0 | ----- | 58,0 | 56,0 | 56,0 | 57,0 | mg/L Cl- | |
| Sulfatos | 220,0 | 178,0 | 280,0 | ----- | 125,0 | 240,0 | 250,0 | ----- | 265,0 | 250,0 | 210,0 | 225,0 | mg/L SO4= | |
| Nitratos | ----- | ----- | ----- | ----- | 0,9 | 1,6 | 1,9 | ----- | 3,2 | 2,6 | 7,3 | 5,8 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca | |
| Bicarbonatos | 80,0 | 82,0 | 80,0 | 82,0 | 78,0 | 80,0 | 86,0 | 86,0 | 88,0 | 92,0 | 98,0 | 96,0 | mg/L CO3Ca | |
| Fosfatos | 0,17 | < 0,01 | < 0,01 | ----- | < 0,01 | < 0,01 | < 0,01 | ----- | 0,19 | 0,08 | 0,10 | 0,03 | mg/L PO4-3 | |
| Fluoruros | 0,24 | 0,22 | 0,26 | ----- | 0,20 | 0,18 | 0,21 | ----- | 0,35 | 0,29 | ----- | 0,31 | mg/L F- | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | | |
| Calcio | 91,2 | 88,0 | 83,2 | ----- | 78,4 | 78,4 | 84,0 | ----- | 88,0 | 84,8 | 92,8 | 88,8 | mg/L Ca | |
| Magnesio | 32,1 | 31,1 | 32,1 | ----- | 27,2 | 26,7 | 44,9 | ----- | 33,0 | 34,0 | 33,5 | 34,5 | mg/L Mg | |
| Sodio | ----- | | | | | | | | | | | | | |
| Potasio | ----- | | | | | | | | | | | | | |
| Cromo | ----- | | | | | | | | | | | | | |
| Manganeso | ----- | | | | | | | | | | | | | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | < 0,05 | ----- | < 0,05 | < 0,05 | ----- | ----- | ----- | |
| Cobre | ----- | | | | | | | | | | | | | |
| Cinc | ----- | | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | | |
| Cadmio | ----- | | | | | | | | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 1,3 | 1,0 | 0,9 | 0,7 | 0,7 | 0,5 | 0,4 | 0,4 | 0,4 | 0,7 | 0,7 | 0,4 | mg/L O2 | |
| D.Q.O. 10min | 2,2 | 3,5 | 3,0 | 2,1 | 1,9 | 2,7 | 2,3 | 2,5 | 3,5 | 3,7 | 3,2 | 2,9 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | |
| Amonio | 0,02 | ----- | ----- | ----- | ----- | ----- | < 0,01 | ----- | < 0,01 | < 0,01 | ----- | ----- | ----- | |
| Alcalinidad | 80,0 | 82,0 | 80,0 | 82,0 | 78,0 | 80,0 | 86,0 | 86,0 | 88,0 | 92,0 | 98,0 | 96,0 | mg/L CO3Ca | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 0 | ----- | 0 | 0 | 2 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 22

Subred: 22

Coordenadas X: 311213

Río: RIO GUADIANA

Y: 4335062

Situación: E. García Sola. Centro de presa

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES |
|---|--------|--------|--------|-------|--------|--------|--------|-------|--------|--------|--------|-------|------------|
| Temp.Agua | 8,0 | 8,0 | 14,0 | 14,0 | 13,0 | 25,0 | 22,0 | 21,0 | 25,0 | 20,0 | 17,0 | 12,0 | °C |
| Temp.Ambiente | 3,00 | 7,00 | 13,00 | 13,00 | 12,00 | 21,00 | 16,00 | 18,00 | 27,00 | 17,00 | 13,00 | 2,00 | °C |
| V. embalsado | 229 | 243 | 260 | 305 | 293 | 307 | 338 | 221 | ----- | 121 | 121 | 121 | Hm³ |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | |
| Color | 10 | 20 | 20 | ----- | 20 | 20 | 20 | ----- | 20 | 20 | 20 | 20 | U.Pt |
| Aspecto | ----- | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | |
| Conductividad 20°C | 560 | 600 | 650 | 620 | 680 | 850 | 750 | 820 | 800 | 825 | 750 | 770 | µS/cm |
| pH | 7,6 | 7,7 | 7,5 | 7,3 | 7,9 | 7,7 | 8,2 | 8,3 | 8,2 | 7,9 | 7,6 | 7,7 | pH |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 88 | 13 | 2 | 8 | 11 | 5 | 7 | 4 | mg/L |
| Dureza Total | 270,0 | 288,0 | 300,0 | 320,0 | 312,0 | 348,0 | 340,0 | 336,0 | 366,0 | 344,0 | 352,0 | 352,0 | mg/L CO3Ca |
| Dza.Perman. | 204,0 | 218,0 | 228,0 | 244,0 | 234,0 | 268,0 | 258,0 | 254,0 | 284,0 | 262,0 | 270,0 | 266,0 | mg/L CO3Ca |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | |
| Cloruros | 35,0 | 35,0 | 40,0 | ----- | 47,0 | 45,0 | 45,0 | ----- | 50,0 | 47,0 | 51,0 | 52,0 | mg/L Cl- |
| Sulfatos | 190,0 | 260,0 | 240,0 | ----- | 240,0 | 255,0 | 285,0 | ----- | 270,0 | 270,0 | 240,0 | 240,0 | mg/L SO4= |
| Nitratos | ----- | ----- | ----- | ----- | 0,8 | 1,5 | 1,6 | ----- | 2,7 | 2,4 | 4,9 | 3,2 | mg/L NO3- |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca |
| Bicarbonatos | 66,0 | 70,0 | 72,0 | 76,0 | 78,0 | 80,0 | 82,0 | 82,0 | 82,0 | 82,0 | 82,0 | 86,0 | mg/L CO3Ca |
| Fosfatos | < 0,01 | < 0,01 | < 0,01 | ----- | < 0,01 | < 0,01 | < 0,01 | ----- | < 0,01 | 0,08 | < 0,01 | 0,07 | mg/L PO4-3 |
| Fluoruros | 0,16 | 0,18 | 0,22 | ----- | 0,19 | 0,19 | 0,21 | ----- | 0,30 | 0,26 | ----- | 0,22 | mg/L F- |
| Cianuros | ----- | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | |
| Calcio | 68,8 | 73,6 | 75,2 | ----- | 80,0 | 81,6 | 83,2 | ----- | 84,8 | 84,8 | 90,4 | 88,0 | mg/L Ca |
| Magnesio | 26,2 | 25,3 | 27,2 | ----- | 27,2 | 34,9 | 32,1 | ----- | 37,4 | 32,1 | 30,6 | 32,1 | mg/L Mg |
| Sodio | ----- | | | | | | | | | | | | |
| Potasio | ----- | | | | | | | | | | | | |
| Cromo | ----- | | | | | | | | | | | | |
| Manganeso | ----- | | | | | | | | | | | | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | 0,10 | ----- | < 0,05 | < 0,05 | ----- | ----- | mg/L |
| Cobre | ----- | | | | | | | | | | | | |
| Cinc | ----- | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | |
| Cadmio | ----- | | | | | | | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | |
| Ox.Dto % | ----- | | | | | | | | | | | | |
| D.B.O. 5d | 2,3 | 2,5 | 0,8 | 1,7 | 0,8 | 0,7 | 0,5 | 0,4 | 0,4 | 0,4 | 0,7 | 0,6 | mg/L O2 |
| D.Q.O. 10min | 2,5 | 2,6 | 3,6 | 3,0 | 2,0 | 3,1 | 2,4 | 2,1 | 3,0 | 3,2 | 3,3 | 2,1 | mg/L O2 |
| Nitritos | ----- | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | |
| Amonio | < 0,01 | ----- | ----- | ----- | ----- | ----- | < 0,01 | ----- | < 0,01 | < 0,01 | ----- | ----- | mg/L |
| Alcalinidad | 66,0 | 70,0 | 72,0 | 76,0 | 78,0 | 80,0 | 82,0 | 82,0 | 82,0 | 82,0 | 82,0 | 86,0 | mg/L CO3Ca |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | |
| Coliformes totales | 0 | ----- | 0 | 0 | 0 | 200 | 4 | 0 | 0 | 0 | 0 | 0 | UFC/100mL |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 23

Subred: 23

Coordenadas X: 280077

Río: RIO GUADIANA

Y: 4318360

Situación: E. Orellana. Centro de presa

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|--------|--------|--------|-------|--------|--------|--------|-------|--------|--------|-------|-------|------------|---------|
| Temp.Agua | 9,0 | 10,0 | 14,0 | 14,0 | 14,0 | ----- | 24,0 | 24,0 | ----- | 20,0 | 16,5 | 13,0 | °C | |
| Temp.Ambiente | 4,00 | 9,00 | 16,00 | 15,00 | 12,00 | ----- | 25,00 | 31,00 | ----- | 18,00 | 17,00 | 7,00 | °C | |
| V. embalsado | 376 | 461 | 536 | 626 | 741 | 753 | 656 | 580 | ----- | 415 | 402 | 400 | Hm³ | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 10 | 20 | 20 | ----- | 20 | 20 | 20 | ----- | 20 | 20 | 20 | 20 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 500 | 500 | 550 | 500 | 550 | 750 | 670 | 730 | 750 | 750 | 690 | 680 | µS/cm | |
| pH | 7,6 | 7,5 | 7,6 | 7,5 | 7,8 | 7,9 | 8,1 | 8,3 | 7,8 | 7,8 | 7,6 | 7,7 | pH | |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 25 | 4 | 2 | 5 | 2 | 2 | 4 | 4 | mg/L | |
| Dureza Total | 232,0 | 256,0 | 240,0 | 252,0 | 254,0 | 286,0 | 296,0 | 296,0 | 328,0 | 324,0 | 318,0 | 318,0 | mg/L CO3Ca | |
| Dza.Perman. | 168,0 | 194,0 | 178,0 | 184,0 | 186,0 | 212,0 | 224,0 | 226,0 | 252,0 | 242,0 | 234,0 | 232,0 | mg/L CO3Ca | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 32,0 | 34,0 | 33,0 | ----- | 34,0 | 36,0 | 39,0 | ----- | 43,0 | 43,0 | 45,0 | 44,0 | mg/L Cl- | |
| Sulfatos | 165,0 | 252,0 | 196,0 | ----- | 178,0 | 206,0 | 200,0 | ----- | 192,0 | 182,0 | 260,0 | 206,0 | mg/L SO4= | |
| Nitratos | ----- | ----- | ----- | ----- | 0,7 | 1,3 | 1,5 | ----- | 2,5 | 1,9 | 4,2 | 2,8 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca | |
| Bicarbonatos | 64,0 | 62,0 | 62,0 | 68,0 | 68,0 | 74,0 | 72,0 | 70,0 | 76,0 | 82,0 | 84,0 | 86,0 | mg/L CO3Ca | |
| Fosfatos | < 0,01 | < 0,01 | < 0,01 | ----- | < 0,01 | < 0,01 | < 0,01 | ----- | < 0,01 | 0,15 | 0,15 | 0,14 | mg/L PO4-3 | |
| Fluoruros | 0,16 | 0,13 | 0,18 | ----- | 0,16 | 0,16 | 0,19 | ----- | 0,28 | 0,25 | ----- | 0,15 | mg/L F- | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | | |
| Calcio | 61,6 | 60,4 | 62,4 | ----- | 67,2 | 70,4 | 69,6 | ----- | 81,6 | 78,4 | 86,4 | 80,0 | mg/L Ca | |
| Magnesio | 18,9 | 25,5 | 20,4 | ----- | 20,9 | 26,7 | 29,6 | ----- | 30,1 | 31,1 | 24,7 | 28,6 | mg/L Mg | |
| Sodio | ----- | | | | | | | | | | | | | |
| Potasio | ----- | | | | | | | | | | | | | |
| Cromo | ----- | | | | | | | | | | | | | |
| Manganeso | ----- | | | | | | | | | | | | | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | < 0,05 | ----- | < 0,05 | 0,10 | ----- | ----- | mg/L | |
| Cobre | ----- | | | | | | | | | | | | | |
| Cinc | ----- | | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | | |
| Cadmio | ----- | | | | | | | | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 2,6 | 1,7 | 0,4 | 0,4 | 0,7 | 0,6 | 0,8 | 0,5 | 0,7 | 0,4 | 0,4 | 0,7 | mg/L O2 | |
| D.Q.O. 10min | 2,1 | 1,9 | 2,4 | 2,4 | 2,4 | 3,1 | 2,8 | 1,7 | 3,0 | 2,9 | 2,5 | 2,5 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | |
| Amonio | 0,01 | ----- | ----- | ----- | ----- | ----- | < 0,01 | ----- | < 0,01 | < 0,01 | ----- | ----- | mg/L | |
| Alcalinidad | 64,0 | 62,0 | 62,0 | 68,0 | 68,0 | 74,0 | 72,0 | 70,0 | 76,0 | 82,0 | 84,0 | 86,0 | mg/L CO3Ca | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 0 | 2 | 2 | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 60 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 24

Subred: 24

Coordenadas X: 337120

Río: RIO VALDEAZOGUES

Y: 4287918

Situación: 200m aguas abajo confluencia Azogado

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES |
|---|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
| Temp.Agua | 3,0 | 8,0 | 15,0 | 16,0 | 14,0 | 23,0 | 23,0 | ----- | ----- | ----- | 10,0 | 3,0 | °C |
| Temp.Ambiente | 0,00 | 7,00 | 13,00 | 13,00 | 12,00 | 24,00 | 22,00 | ----- | ----- | ----- | 13,00 | 3,00 | °C |
| Caudal | 0,42 | 0,44 | 0,57 | 0,69 | 2,05 | 1,72 | 0,00 | ----- | ----- | ----- | 0,30 | 0,31 | m³/s |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | |
| Color | 20 | 40 | 30 | ----- | 30 | 20 | 40 | ----- | ----- | ----- | 30 | 30 | U.Pt |
| Aspecto | ----- | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | |
| Conductividad 20°C | 500 | 530 | 490 | 360 | 395 | 750 | 1150 | ----- | ----- | ----- | 1500 | 1750 | µS/cm |
| pH | 7,3 | 7,3 | 6,3 | 7,3 | 7,5 | 7,7 | 7,6 | ----- | ----- | ----- | 7,5 | 7,9 | pH |
| Mats.Suspensión | ----- | | | | 10 | 4 | 64 | ----- | ----- | ----- | 6 | 9 | mg/L |
| Dureza Total | 202,0 | 200,0 | 210,0 | 152,0 | 154,0 | 264,0 | 470,0 | ----- | ----- | ----- | 705,0 | 790,0 | mg/L CO3Ca |
| Dza.Perman. | 128,0 | 114,0 | 142,0 | 78,0 | 76,0 | 150,0 | 324,0 | ----- | ----- | ----- | 557,0 | 610,0 | mg/L CO3Ca |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | |
| Cloruros | 50,0 | 56,0 | 51,0 | ----- | 42,0 | 46,0 | 64,0 | ----- | ----- | ----- | 109,0 | 117,0 | mg/L Cl- |
| Sulfatos | 75,0 | 98,0 | 104,0 | ----- | 70,0 | 140,0 | 350,0 | ----- | ----- | ----- | 600,0 | 690,0 | mg/L SO4= |
| Nitratos | ----- | | | | 1,5 | 1,5 | 12,5 | ----- | ----- | ----- | 11,0 | 50,0 | mg/L NO3- |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | ----- | ----- | ----- | < 0,1 | < 0,1 | mg/L CO3Ca |
| Bicarbonatos | 74,0 | 86,0 | 68,0 | 74,0 | 78,0 | 114,0 | 146,0 | ----- | ----- | ----- | 148,0 | 180,0 | mg/L CO3Ca |
| Fosfatos | 1,80 | 2,31 | 1,55 | ----- | 0,18 | 0,53 | 0,87 | ----- | ----- | ----- | 0,17 | 2,82 | mg/L PO4-3 |
| Fluoruros | 0,10 | 0,07 | 0,12 | ----- | 0,09 | 0,11 | 0,19 | ----- | ----- | ----- | ----- | 0,15 | mg/L F- |
| Cianuros | ----- | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | |
| Calcio | 40,4 | 41,6 | 36,8 | ----- | 31,2 | 52,8 | 100,0 | ----- | ----- | ----- | 144,0 | 144,0 | mg/L Ca |
| Magnesio | 24,5 | 23,3 | 28,6 | ----- | 18,4 | 32,1 | 53,4 | ----- | ----- | ----- | 83,8 | 104,5 | mg/L Mg |
| Sodio | ----- | | | | 18,0 | 33,0 | ----- | ----- | ----- | ----- | ----- | 115,0 | mg/L Na |
| Potasio | ----- | | | | | | 22,0 | ----- | ----- | ----- | ----- | 27,0 | mg/L K |
| Cromo | ----- | | | | | | | | | | | | |
| Manganeso | ----- | | | | | | | | | | | | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | 0,10 | ----- | ----- | ----- | ----- | ----- | |
| Cobre | ----- | | | | | | | | | | | | |
| Cinc | ----- | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | |
| Cadmio | ----- | | | | | | | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 3,6 | 4,2 | 2,1 | 0,8 | 1,2 | 1,0 | 3,7 | ----- | ----- | ----- | 1,5 | 3,2 | mg/L O2 |
| D.Q.O. 10min | 2,3 | 3,5 | 2,8 | 3,6 | 2,5 | 3,9 | 12,6 | ----- | ----- | ----- | 5,4 | 6,3 | mg/L O2 |
| Nitritos | ----- | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | |
| Amonio | 1,50 | ----- | | | | | 1,50 | ----- | | | | | |
| Alcalinidad | 74,0 | 86,0 | 68,0 | 74,0 | 78,0 | 114,0 | 146,0 | ----- | ----- | ----- | 148,0 | 180,0 | mg/L CO3Ca |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | |
| Coliformes totales | 6 | 4 | 10 | 0 | 100 | 20 | 0 | ----- | ----- | ----- | 0 | 0 | UFC/100mL |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 26

Subred: 26

Coordenadas X: 320285

Río: RIO ZUJAR

Y: 4298421

Situación: Badén Capilla. Antigua Ctra. Capilla-Peñalsordo

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES |
|---|--------|--------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|----------|
| Temp.Agua | 4,0 | 9,0 | 17,0 | 17,0 | 15,0 | 25,0 | ----- | ----- | ----- | ----- | ----- | ----- | °C |
| Temp.Ambiente | 1,00 | 9,00 | 17,00 | 16,00 | 12,00 | 29,00 | ----- | ----- | ----- | ----- | ----- | ----- | °C |
| Caudal | 1,54 | 1,67 | 1,91 | 2,29 | 5,24 | 4,53 | ----- | ----- | ----- | ----- | ----- | ----- | m³/s |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | |
| Color | 20 | 20 | 30 | ----- | 20 | 20 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Aspecto | ----- | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | |
| Conductividad 20°C | 550 | 600 | 600 | 490 | 440 | 560 | ----- | ----- | ----- | ----- | ----- | ----- | |
| pH | 7,7 | 7,6 | 7,4 | 7,7 | 7,8 | 8,0 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Mats.Suspensión | ----- | | | | 9 | 5 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Dureza Total | 198,0 | 116,0 | 244,0 | 191,0 | 162,0 | 212,0 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Dza.Perman. | 92,0 | < 0,1 | 122,0 | 83,0 | 54,0 | 94,0 | ----- | ----- | ----- | ----- | ----- | ----- | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | |
| Cloruros | 30,0 | 83,0 | 81,0 | ----- | 53,0 | 53,0 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Sulfatos | 40,0 | 85,0 | 92,0 | ----- | 52,0 | 49,0 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Nitratos | ----- | | | | | 0,9 | 1,6 | ----- | ----- | ----- | ----- | ----- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Bicarbonatos | 106,0 | 116,0 | 122,0 | 108,0 | 108,0 | 118,0 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Fosfatos | 0,06 | 0,07 | < 0,01 | ----- | < 0,01 | 0,01 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Fluoruros | 0,13 | 0,10 | 0,18 | ----- | 0,14 | 0,17 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Cianuros | ----- | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | |
| Calcio | 40,0 | 20,4 | 42,4 | ----- | 32,0 | 33,6 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Magnesio | 23,8 | 15,8 | 33,5 | ----- | 19,9 | 31,1 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Sodio | ----- | | | | | 25,0 | 26,0 | ----- | ----- | ----- | ----- | ----- | |
| Potasio | ----- | | | | | | | | | | | | |
| Cromo | ----- | | | | | | | | | | | | |
| Manganeso | ----- | | | | | | | | | | | | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | |
| Cobre | ----- | | | | | | | | | | | | |
| Cinc | ----- | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | |
| Cadmio | ----- | | | | | | | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | |
| Ox.Dto % | ----- | | | | | | | | | | | | |
| D.B.O. 5d | 2,6 | 2,0 | 0,4 | 2,4 | 0,9 | 0,9 | ----- | ----- | ----- | ----- | ----- | ----- | |
| D.Q.O. 10min | 3,4 | 3,3 | 4,3 | 3,4 | 3,2 | 4,5 | ----- | ----- | ----- | ----- | ----- | ----- | |
| Nitritos | ----- | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | |
| Amonio | 0,07 | ----- | | | | | | | | | | | |
| Alcalinidad | 106,0 | 116,0 | 122,0 | 108,0 | 108,0 | 118,0 | ----- | ----- | ----- | ----- | ----- | ----- | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | |
| Coliformes totales | 0 | 4 | 0 | 0 | 0 | 1000 | ----- | ----- | ----- | ----- | ----- | ----- | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 27

Subred: 27

Coordenadas X: 285181

Río: RIO ZUJAR

Y: 4310434

Situación: E. Zújar. Centro de presa

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|--------|--------|-------|-------|--------|--------|--------|-------|--------|-------|-------|-------|------------|---------|
| Temp.Agua | 8,0 | ----- | ----- | ----- | ----- | ----- | 24,0 | 25,0 | ----- | 20,0 | 16,0 | 13,0 | °C | |
| Temp.Ambiente | 5,00 | ----- | ----- | ----- | ----- | ----- | 26,00 | 29,00 | ----- | 18,00 | 15,00 | 5,00 | °C | |
| V. embalsado | 123 | 123 | 126 | 130 | 144 | 143 | 125 | 98 | ----- | 75 | 72 | 70 | Hm³ | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 20 | 20 | 20 | ----- | 20 | 20 | 20 | ----- | 20 | 20 | 20 | 30 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 260 | 265 | 280 | 270 | 285 | 380 | 350 | 370 | 360 | 360 | 335 | 340 | µS/cm | |
| pH | 7,5 | 7,4 | 7,5 | 7,6 | 7,8 | 7,9 | 7,9 | 8,2 | 8,3 | 7,6 | 7,0 | 7,6 | pH | |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 51 | 5 | 5 | 16 | 9 | 9 | 16 | 18 | mg/L | |
| Dureza Total | 98,0 | 114,0 | 97,0 | 102,0 | 98,0 | 108,0 | 106,0 | 108,0 | 116,0 | 115,0 | 118,0 | 123,0 | mg/L CO3Ca | |
| Dza.Perman. | 38,0 | 52,0 | 35,0 | 40,0 | 36,0 | 42,0 | 32,0 | 36,0 | 42,0 | 41,0 | 40,0 | 43,0 | mg/L CO3Ca | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 45,0 | 30,0 | 27,0 | ----- | 31,0 | 34,0 | 36,0 | ----- | 39,0 | 40,0 | 38,0 | 39,0 | mg/L Cl- | |
| Sulfatos | 25,0 | 30,0 | 33,0 | ----- | 36,0 | 39,0 | 41,0 | ----- | 40,0 | 38,0 | 38,0 | 37,0 | mg/L SO4= | |
| Nitratos | ----- | ----- | ----- | ----- | 4,6 | 5,2 | 4,0 | ----- | 2,4 | 4,2 | 8,4 | 5,8 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca | |
| Bicarbonatos | 60,0 | 62,0 | 62,0 | 62,0 | 62,0 | 66,0 | 74,0 | 72,0 | 74,0 | 74,0 | 78,0 | 80,0 | mg/L CO3Ca | |
| Fosfatos | < 0,01 | 0,17 | 0,19 | ----- | < 0,01 | < 0,01 | 0,06 | ----- | 0,03 | 0,11 | 0,11 | 0,02 | mg/L PO4-3 | |
| Fluoruros | 0,13 | 0,11 | 0,17 | ----- | 0,14 | 0,12 | 0,15 | ----- | 0,25 | 0,22 | ----- | 0,15 | mg/L F- | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | | |
| Calcio | 20,0 | 19,2 | 20,0 | ----- | 20,8 | 21,6 | 21,6 | ----- | 21,6 | 22,0 | 25,6 | 24,0 | mg/L Ca | |
| Magnesio | 11,6 | 16,0 | 11,4 | ----- | 11,2 | 13,1 | 12,6 | ----- | 15,0 | 14,6 | 13,1 | 15,3 | mg/L Mg | |
| Sodio | ----- | | | | | | | | | | | | | |
| Potasio | ----- | | | | | | | | | | | | | |
| Cromo | ----- | | | | | | | | | | | | | |
| Manganeso | ----- | | | | | | | | | | | | | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | < 0,05 | ----- | < 0,05 | 0,10 | ----- | ----- | ----- | |
| Cobre | ----- | | | | | | | | | | | | | |
| Cinc | ----- | | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | | |
| Cadmio | ----- | | | | | | | | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 1,3 | 1,2 | 1,2 | 0,6 | 0,7 | 0,9 | 1,0 | 1,0 | 1,8 | 0,4 | 1,1 | 2,7 | mg/L O2 | |
| D.Q.O. 10min | 2,6 | 2,9 | 3,0 | 3,2 | 3,1 | 3,1 | 3,7 | 3,1 | 5,1 | 4,5 | 4,7 | 5,0 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | |
| Amonio | < 0,01 | ----- | | | | | | | | | | | | < 0,01 |
| Alcalinidad | 60,0 | 62,0 | 62,0 | 62,0 | 62,0 | 66,0 | 74,0 | 72,0 | 74,0 | 74,0 | 78,0 | 80,0 | mg/L CO3Ca | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 2 | 0 | 0 | 0 | 2 | 0 | 60 | 20 | 0 | 0 | 240 | 20 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 28

Subred: 28

Coordenadas X: 261128

Río: RIO ZUJAR

Y: 4320451

Situación: E.A. Villanueva de la Serena

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES |
|---|--------|--------|--------|-------|-------|-------|--------|-------|--------|--------|-------|-------|------------|
| Temp.Agua | 7,0 | 10,0 | 17,0 | 18,5 | 18,0 | 27,0 | 22,0 | 24,0 | 31,0 | 19,5 | 16,0 | 9,0 | °C |
| Temp.Ambiente | 5,50 | 13,00 | 23,00 | 17,50 | 17,50 | 30,00 | 24,00 | 25,00 | 33,00 | 23,00 | 21,00 | 13,00 | °C |
| Caudal | ----- | 0,00 | ----- | ----- | ----- | ----- | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | m³/s |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | |
| Color | 20 | 30 | 30 | ----- | 30 | 20 | 20 | ----- | 20 | 20 | 30 | 20 | U.Pt |
| Aspecto | ----- | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | |
| Conductividad 20°C | 360 | 370 | 580 | 335 | 340 | 490 | 350 | 370 | 490 | 550 | 440 | 370 | µS/cm |
| pH | 7,5 | 7,6 | 7,8 | 7,7 | 8,0 | 7,9 | 8,0 | 7,6 | 7,7 | 7,4 | 7,6 | 8,3 | pH |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 16 | 9 | 8 | 23 | 3 | 4 | 2 | 3 | mg/L |
| Dureza Total | 126,0 | 136,0 | 200,0 | 124,0 | 122,0 | 140,0 | 118,0 | 110,0 | 172,0 | 200,0 | 160,0 | 135,0 | mg/L CO3Ca |
| Dza.Perman. | 36,0 | 38,0 | 52,0 | 32,0 | 28,0 | 28,0 | 38,0 | 32,0 | 78,0 | 80,0 | 60,0 | 39,0 | mg/L CO3Ca |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | |
| Cloruros | 41,0 | 41,0 | 64,0 | ----- | 35,0 | 43,0 | 33,0 | ----- | 42,0 | 52,0 | 49,0 | 43,0 | mg/L Cl- |
| Sulfatos | 30,0 | 40,0 | 68,0 | ----- | 50,0 | 41,0 | 41,0 | ----- | 70,0 | 60,0 | 58,0 | 36,0 | mg/L SO4= |
| Nitratos | ----- | ----- | ----- | ----- | 1,1 | 1,5 | 2,2 | ----- | 3,8 | 2,6 | 4,5 | 5,5 | mg/L NO3- |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca |
| Bicarbonatos | 90,0 | 98,0 | 148,0 | 92,0 | 94,0 | 112,0 | 80,0 | 78,0 | 94,0 | 120,0 | 100,0 | 96,0 | mg/L CO3Ca |
| Fosfatos | 0,15 | 0,07 | < 0,01 | ----- | 0,10 | 0,40 | 0,06 | ----- | 0,04 | 0,15 | 0,27 | 0,19 | mg/L PO4-3 |
| Fluoruros | 0,14 | 0,08 | 0,19 | ----- | 0,17 | 0,13 | 0,16 | ----- | 0,23 | 0,23 | ----- | 0,17 | mg/L F- |
| Cianuros | ----- | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | |
| Calcio | 28,0 | 29,6 | 43,2 | ----- | 26,4 | 29,6 | 23,6 | ----- | 37,6 | 38,4 | 34,4 | 28,4 | mg/L Ca |
| Magnesio | 13,6 | 15,0 | 22,3 | ----- | 13,6 | 16,0 | 14,3 | ----- | 18,9 | 25,3 | 17,9 | 15,5 | mg/L Mg |
| Sodio | ----- | | | | | | | | | | | | |
| Potasio | ----- | | | | | | | | | | | | |
| Cromo | ----- | | | | | | | | | | | | |
| Manganeso | ----- | | | | | | | | | | | | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | < 0,05 | ----- | 0,10 | < 0,05 | ----- | ----- | |
| Cobre | ----- | | | | | | | | | | | | |
| Cinc | ----- | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | |
| Cadmio | ----- | | | | | | | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | |
| Ox.Dto % | ----- | | | | | | | | | | | | |
| D.B.O. 5d | 1,4 | 1,1 | 0,4 | 0,4 | 0,9 | 0,8 | 0,8 | 0,9 | 0,5 | 0,4 | 0,4 | 1,2 | mg/L O2 |
| D.Q.O. 10min | 1,6 | 1,9 | 2,7 | 3,3 | 2,9 | 3,4 | 2,9 | 3,4 | 2,8 | 4,3 | 2,8 | 3,2 | mg/L O2 |
| Nitritos | ----- | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | |
| Amonio | 0,01 | ----- | ----- | ----- | ----- | ----- | < 0,01 | ----- | < 0,01 | < 0,01 | ----- | ----- | |
| Alcalinidad | 90,0 | 98,0 | 148,0 | 92,0 | 94,0 | 112,0 | 80,0 | 78,0 | 94,0 | 120,0 | 100,0 | 96,0 | mg/L CO3Ca |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | |
| Coliformes totales | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 60 | 20 | 160 | 20 | UFC/100mL |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 29

Subred: 29

Coordenadas X: 257560

Río: RIO GUADIANA

Y: 4322689

Situación: E.A. Villanueva de la Serena

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES |
|---|--------|--------|-------|-------|-------|-------|--------|-------|--------|--------|-------|-------|------------|
| Temp.Agua | 5,5 | 10,0 | 18,0 | 17,0 | 16,0 | 22,0 | 19,0 | 19,0 | 25,0 | 21,0 | 15,0 | 8,0 | °C |
| Temp.Ambiente | 7,00 | 11,00 | 21,00 | 18,00 | 15,00 | 27,00 | 20,00 | 24,00 | 29,00 | 22,00 | 18,00 | 9,00 | °C |
| Caudal | 2,60 | 0,00 | 0,00 | 0,24 | 2,60 | 6,20 | 6,20 | 6,20 | 0,00 | 6,20 | 1,20 | ----- | m³/s |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | |
| Color | 20 | 30 | 20 | ----- | 30 | 20 | 20 | ----- | 20 | 40 | 20 | 20 | U.Pt |
| Aspecto | ----- | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | |
| Conductividad 20°C | 620 | 700 | 700 | 625 | 550 | 750 | 620 | 660 | 740 | 800 | 750 | 650 | µS/cm |
| pH | 7,2 | 7,3 | 7,2 | 7,3 | 7,8 | 7,8 | 7,6 | 7,5 | 7,4 | 7,4 | 7,3 | 7,7 | pH |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 23 | 15 | 11 | 33 | 4 | 5 | 6 | 8 | mg/L |
| Dureza Total | 135,0 | 300,0 | 286,0 | 284,0 | 236,0 | 276,0 | 256,0 | 264,0 | 316,0 | 316,0 | 324,0 | 252,0 | mg/L CO3Ca |
| Dza.Perman. | 33,0 | 178,0 | 184,0 | 182,0 | 154,0 | 198,0 | 182,0 | 182,0 | 230,0 | 198,0 | 204,0 | 130,0 | mg/L CO3Ca |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | |
| Cloruros | 51,0 | 57,0 | 52,0 | ----- | 38,0 | 39,0 | 38,0 | ----- | 42,0 | 50,0 | 60,0 | 55,0 | mg/L Cl- |
| Sulfatos | 180,0 | 178,0 | 212,0 | ----- | 160,0 | 196,0 | 170,0 | ----- | 194,0 | 200,0 | 216,0 | 116,0 | mg/L SO4= |
| Nitratos | ----- | ----- | ----- | ----- | 1,3 | 3,3 | 2,0 | ----- | 3,3 | 3,2 | 7,3 | 6,6 | mg/L NO3- |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca |
| Bicarbonatos | 102,0 | 122,0 | 102,0 | 102,0 | 82,0 | 78,0 | 74,0 | 82,0 | 86,0 | 118,0 | 120,0 | 122,0 | mg/L CO3Ca |
| Fosfatos | 1,05 | 1,70 | 1,77 | ----- | 0,28 | 0,20 | 0,16 | ----- | 0,03 | 1,10 | 2,10 | 1,94 | mg/L PO4-3 |
| Fluoruros | 0,15 | 0,11 | 0,18 | ----- | 0,15 | 0,14 | 0,17 | ----- | 0,29 | 0,21 | ----- | 0,15 | mg/L F- |
| Cianuros | ----- | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | |
| Calcio | 34,8 | 73,6 | 78,4 | ----- | 59,2 | 70,4 | 59,2 | ----- | 81,6 | 78,4 | 83,2 | 56,0 | mg/L Ca |
| Magnesio | 11,6 | 28,2 | 21,8 | ----- | 21,4 | 24,3 | 26,2 | ----- | 27,2 | 29,1 | 28,2 | 27,2 | mg/L Mg |
| Sodio | ----- | | | | | | | | | | | | 35,0 |
| Potasio | ----- | | | | | | | | | | | | 4,3 |
| Cromo | ----- | | | | | | | | | | | | < 0,02 |
| Manganeso | ----- | | | | | | | | | | | | < 0,05 |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | < 0,05 | ----- | < 0,05 | < 0,05 | ----- | ----- | |
| Cobre | ----- | | | | | | | | | | | | < 0,05 |
| Cinc | ----- | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | < 0,02 |
| Cadmio | ----- | | | | | | | | | | | | < 0,02 |
| Mercurio | ----- | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | < 0,02 |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 1,5 | 5,4 | 1,1 | 3,4 | 1,2 | 0,9 | 0,8 | 2,5 | 0,7 | 3,6 | 3,3 | 5,2 | mg/L O2 |
| D.Q.O. 10min | 5,5 | 4,4 | 4,2 | 3,7 | 2,8 | 3,0 | 2,5 | 2,9 | 3,3 | 5,8 | 3,8 | 4,6 | mg/L O2 |
| Nitritos | ----- | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | |
| Amonio | 2,70 | ----- | ----- | ----- | ----- | ----- | < 0,01 | ----- | < 0,01 | 1,70 | ----- | ----- | |
| Alcalinidad | 102,0 | 122,0 | 102,0 | 102,0 | 82,0 | 78,0 | 74,0 | 82,0 | 86,0 | 118,0 | 120,0 | 122,0 | mg/L CO3Ca |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | |
| Coliformes totales | 4 | 8 | 0 | 0 | 50 | 100 | 60 | 6000 | 400 | 2000 | 8000 | 0 | UFC/100mL |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 30

Subred: 30

Coordenadas X: 295176

Río: RIO RUECAS

Y: 4361612

Situación: E.A. Cañamero

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|--------|--------|-------|-------|-------|-------|--------|-------|--------|--------|-------|-------|------------|---------|
| Temp.Agua | 2,0 | 6,5 | 13,0 | 11,0 | 10,0 | 20,0 | 20,0 | 22,0 | 22,0 | 16,0 | 10,0 | 4,0 | °C | |
| Temp.Ambiente | 3,00 | 9,00 | 18,00 | 14,00 | 10,00 | 23,00 | 17,00 | 20,00 | 25,00 | 15,00 | 15,00 | 6,00 | °C | |
| Caudal | 0,05 | 0,04 | 0,08 | 0,16 | 0,31 | 0,10 | 0,05 | 0,04 | 0,00 | 0,06 | 0,01 | 0,02 | m³/s | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 20 | 20 | 20 | ----- | 20 | 20 | 20 | ----- | 30 | 20 | 30 | 20 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 60 | 65 | 53 | 45 | 37 | 45 | 70 | 120 | 230 | 120 | 90 | 95 | µS/cm | |
| pH | 6,8 | 6,6 | 6,7 | 6,9 | 6,9 | 7,0 | 6,8 | 6,9 | 6,6 | 6,7 | 6,2 | 6,9 | pH | |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 3 | 4 | 3 | 27 | 7 | 5 | 3 | 2 | mg/L | |
| Dureza Total | 15,0 | 22,0 | 25,0 | 19,0 | 11,0 | 16,0 | 17,0 | 27,0 | 30,0 | 31,0 | 17,0 | 15,0 | mg/L CO3Ca | |
| Dza.Perman. | 2,0 | 5,0 | 11,0 | 7,0 | < 0,1 | 6,0 | 5,0 | 7,0 | 2,0 | 11,0 | 3,0 | 5,0 | mg/L CO3Ca | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 5,0 | 5,0 | 5,0 | ----- | 3,0 | 5,0 | 5,0 | ----- | 26,0 | 9,0 | 8,0 | 9,0 | mg/L Cl- | |
| Sulfatos | 6,0 | < 4,0 | < 4,0 | ----- | < 4,0 | 4,0 | 8,0 | ----- | < 4,0 | 13,0 | 11,0 | 10,0 | mg/L SO4= | |
| Nitratos | ----- | ----- | ----- | ----- | 1,0 | 3,8 | 7,0 | ----- | 36,0 | 10,0 | 20,0 | 6,0 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca | |
| Bicarbonatos | 13,0 | 17,0 | 14,0 | 12,0 | 12,0 | 10,0 | 12,0 | 20,0 | 28,0 | 20,0 | 14,0 | 10,0 | mg/L CO3Ca | |
| Fosfatos | 0,87 | 1,10 | 0,50 | ----- | 0,06 | 0,42 | 0,60 | ----- | 1,09 | 0,80 | 1,50 | 1,43 | mg/L PO4-3 | |
| Fluoruros | < 0,01 | 0,03 | 0,06 | ----- | 0,04 | 0,06 | < 0,01 | ----- | 0,14 | 0,09 | ----- | 0,07 | mg/L F- | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | | |
| Calcio | 2,0 | 2,2 | 2,4 | ----- | 2,0 | 1,6 | 3,0 | ----- | 4,4 | 7,2 | 4,0 | 2,8 | mg/L Ca | |
| Magnesio | 2,4 | 4,0 | 4,6 | ----- | 1,4 | 2,9 | 2,4 | ----- | 4,6 | 3,1 | 1,8 | 1,9 | mg/L Mg | |
| Sodio | ----- | | | | | | | | | | | | | |
| Potasio | ----- | | | | | | | | | | | | | |
| Cromo | ----- | | | | | | | | | | | | | |
| Manganeso | ----- | | | | | | | | | | | | | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | 0,40 | ----- | 0,10 | 0,10 | ----- | ----- | mg/L K | |
| Cobre | ----- | | | | | | | | | | | | | |
| Cinc | ----- | | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | | |
| Cadmio | ----- | | | | | | | | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 2,9 | 2,4 | 1,0 | 0,6 | 0,5 | 0,9 | 1,1 | 1,5 | 2,1 | 0,4 | 4,0 | 2,7 | mg/L O2 | |
| D.Q.O. 10min | 1,2 | 1,2 | 2,0 | 1,6 | 2,4 | 2,8 | 3,1 | 4,3 | 6,5 | 4,2 | 2,9 | 2,9 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | |
| Amonio | 1,20 | ----- | ----- | ----- | ----- | ----- | < 0,01 | ----- | < 0,01 | < 0,01 | ----- | ----- | mg/L Na | |
| Alcalinidad | 13,0 | 17,0 | 14,0 | 12,0 | 12,0 | 10,0 | 12,0 | 20,0 | 28,0 | 20,0 | 14,0 | 10,0 | mg/L CO3Ca | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 10 | 20 | 0 | 40 | 70 | 20 | 100 | 80 | 0 | 60 | 200 | 20 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 31

Subred: 31

Coordenadas X: 257373

Río: RIO RUECAS

Y: 4325510

Situación: E.A. Rena

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|--------|--------|-------|-------|-------|-------|--------|-------|--------|--------|-------|-------|------------|---------|
| Temp.Agua | 5,0 | 9,0 | 19,0 | 17,0 | 16,0 | 24,0 | 22,0 | 23,0 | 24,0 | 19,0 | 14,0 | 7,0 | °C | |
| Temp.Ambiente | 6,00 | 10,50 | 22,00 | 18,00 | 16,00 | 27,00 | 19,00 | 24,00 | 29,00 | 20,00 | 19,00 | 9,00 | °C | |
| Caudal | 0,49 | 0,38 | 0,39 | 0,58 | 0,65 | 1,85 | 6,82 | 2,61 | 3,45 | 1,40 | 0,38 | 23,00 | m³/s | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 30 | 40 | 30 | ----- | 30 | 20 | 20 | ----- | 20 | 20 | 20 | 20 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 800 | 850 | 900 | 600 | 570 | 1150 | 925 | 950 | 900 | 1000 | 860 | 950 | µS/cm | |
| pH | 7,4 | 7,1 | 7,1 | 7,3 | 7,7 | 7,3 | 7,6 | 7,6 | 7,6 | 7,9 | 7,8 | 7,8 | pH | |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 22 | 33 | 13 | 33 | 10 | 6 | 2 | 3 | mg/L | |
| Dureza Total | 340,0 | 360,0 | 372,0 | 236,0 | 240,0 | 475,0 | 415,0 | 372,0 | 372,0 | 430,0 | 400,0 | 435,0 | mg/L CO3Ca | |
| Dza.Perman. | 220,0 | 230,0 | 274,0 | 158,0 | 166,0 | 405,0 | 331,0 | 278,0 | 258,0 | 298,0 | 280,0 | 309,0 | mg/L CO3Ca | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 70,0 | 75,0 | 74,0 | ----- | 49,0 | 64,0 | 61,0 | ----- | 61,0 | 77,0 | 69,0 | 78,0 | mg/L Cl- | |
| Sulfatos | 190,0 | 240,0 | 296,0 | ----- | 166,0 | 370,0 | 298,0 | ----- | 260,0 | 240,0 | 310,0 | 264,0 | mg/L SO4= | |
| Nitratos | ----- | ----- | ----- | ----- | 1,7 | 4,5 | 3,0 | ----- | 3,6 | 5,5 | 8,8 | 8,1 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca | |
| Bicarbonatos | 120,0 | 130,0 | 98,0 | 78,0 | 74,0 | 70,0 | 84,0 | 94,0 | 114,0 | 132,0 | 120,0 | 126,0 | mg/L CO3Ca | |
| Fosfatos | 1,72 | 2,67 | 1,25 | ----- | 0,35 | 0,20 | 0,25 | ----- | 0,13 | 0,15 | 0,85 | 0,09 | mg/L PO4-3 | |
| Fluoruros | 0,13 | 0,12 | 0,18 | ----- | 0,13 | 0,19 | 0,22 | ----- | 0,30 | 0,30 | ----- | 0,15 | mg/L F- | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | | |
| Calcio | 76,8 | 80,8 | 87,2 | ----- | 56,8 | 114,0 | 94,0 | ----- | 91,2 | 96,0 | 95,2 | 96,0 | mg/L Ca | |
| Magnesio | 35,9 | 38,4 | 37,4 | ----- | 23,8 | 46,2 | 43,7 | ----- | 35,0 | 46,2 | 39,4 | 47,4 | mg/L Mg | |
| Sodio | ----- | | | | | | | | | | | | | |
| Potasio | ----- | | | | | | | | | | | | | |
| Cromo | ----- | | | | | | | | | | | | | |
| Manganeso | ----- | | | | | | | | | | | | | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | 0,10 | ----- | < 0,05 | 0,10 | ----- | ----- | mg/L | |
| Cobre | ----- | | | | | | | | | | | | | |
| Cinc | ----- | | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | | |
| Cadmio | ----- | | | | | | | | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 4,0 | 4,3 | 2,4 | 1,3 | 0,9 | 1,2 | 0,6 | 0,8 | 0,5 | 0,4 | < 0,4 | 0,9 | mg/L O2 | |
| D.Q.O. 10min | 4,3 | 5,3 | 5,2 | 4,6 | 4,2 | 6,2 | 5,2 | 6,0 | 4,2 | 4,8 | 2,8 | 3,3 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | |
| Amonio | 0,43 | ----- | ----- | ----- | ----- | ----- | < 0,01 | ----- | < 0,01 | < 0,01 | ----- | ----- | mg/L | |
| Alcalinidad | 120,0 | 130,0 | 98,0 | 78,0 | 74,0 | 70,0 | 84,0 | 94,0 | 114,0 | 132,0 | 120,0 | 126,0 | mg/L CO3Ca | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 50 | 50 | 0 | 0 | 10 | 20 | 40 | 80 | 140 | 0 | 200 | 0 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 32

Subred: 32

Coordenadas X: 244110

Río: RIO ORTIGA

Y: 4317337

Situación: Desembocadura, 200m aguas arriba confluencia R. Guadiana

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES |
|---|--------|--------|-------|-------|-------|-------|--------|-------|-------|--------|-------|-------|------------|
| Temp.Agua | 5,0 | 9,0 | 17,0 | 16,5 | 16,0 | 25,5 | 27,0 | 26,0 | 23,5 | 19,0 | 12,0 | 11,5 | °C |
| Temp.Ambiente | 6,00 | 12,00 | 22,00 | 20,00 | 16,50 | 27,00 | 28,00 | 32,00 | 29,50 | 21,00 | 17,00 | 12,00 | °C |
| Caudal | 0,03 | 0,05 | 0,06 | 0,11 | 0,14 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | ----- | 0,14 | m³/s |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | |
| Color | 20 | 30 | 30 | ----- | 40 | 30 | 20 | ----- | 40 | 40 | 20 | 30 | U.Pt |
| Aspecto | ----- | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | |
| Conductividad 20°C | 820 | 880 | 1030 | 1000 | 900 | 600 | 440 | 500 | 780 | 1050 | 770 | 840 | µS/cm |
| pH | 8,1 | 7,8 | 7,3 | 8,0 | 7,9 | 7,7 | 8,1 | 8,2 | 7,4 | 7,6 | 7,3 | 7,6 | pH |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 5 | 6 | 8 | 4 | 5 | 5 | 2 | 4 | mg/L |
| Dureza Total | 280,0 | 312,0 | 475,0 | 310,0 | 295,0 | 180,0 | 144,0 | 152,0 | 212,0 | 275,0 | 250,0 | 295,0 | mg/L CO3Ca |
| Dza.Perman. | 64,0 | 114,0 | 249,0 | < 0,1 | 9,0 | 50,0 | 38,0 | 40,0 | 8,0 | < 0,1 | 58,0 | 89,0 | mg/L CO3Ca |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | |
| Cloruros | 127,0 | 118,0 | 149,0 | ----- | 128,0 | 56,0 | 37,0 | ----- | 90,0 | 121,0 | 108,0 | 116,0 | mg/L Cl- |
| Sulfatos | 96,0 | 89,0 | 110,0 | ----- | 46,0 | 44,0 | 45,0 | ----- | 39,0 | 58,0 | 53,0 | 53,0 | mg/L SO4= |
| Nitratos | ----- | ----- | ----- | ----- | 3,1 | 3,3 | 1,7 | ----- | 3,9 | 5,3 | 30,0 | 10,5 | mg/L NO3- |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca |
| Bicarbonatos | 216,0 | 198,0 | 226,0 | 322,0 | 286,0 | 130,0 | 106,0 | 112,0 | 204,0 | 278,0 | 192,0 | 206,0 | mg/L CO3Ca |
| Fosfatos | 0,23 | 0,55 | 3,40 | ----- | 1,15 | 1,50 | 0,30 | ----- | 8,05 | 14,37 | 2,30 | 0,99 | mg/L PO4-3 |
| Fluoruros | 0,37 | 0,24 | 0,40 | ----- | 0,32 | 0,20 | 0,19 | ----- | 0,47 | 0,36 | ----- | 0,30 | mg/L F- |
| Cianuros | ----- | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | |
| Calcio | 63,2 | 60,8 | 68,0 | ----- | 62,0 | 38,4 | 32,8 | ----- | 48,8 | 64,0 | 56,0 | 58,0 | mg/L Ca |
| Magnesio | 29,6 | 38,9 | 74,1 | ----- | 34,0 | 20,4 | 15,1 | ----- | 21,9 | 27,9 | 26,7 | 36,4 | mg/L Mg |
| Sodio | ----- | | | | | | | | | | | | |
| Potasio | ----- | | | | | | | | | | | | |
| Cromo | ----- | | | | | | | | | | | | |
| Manganeso | ----- | | | | | | | | | | | | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | < 0,05 | ----- | 0,10 | < 0,05 | ----- | ----- | |
| Cobre | ----- | | | | | | | | | | | | |
| Cinc | ----- | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | |
| Cadmio | ----- | | | | | | | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | |
| Ox.Dto % | ----- | | | | | | | | | | | | |
| D.B.O. 5d | 2,5 | 4,6 | 3,0 | 1,8 | 1,5 | 1,2 | 1,3 | 1,5 | 2,4 | 1,7 | 1,0 | 1,2 | mg/L O2 |
| D.Q.O. 10min | 3,2 | 6,0 | 7,8 | 7,8 | 7,7 | 5,7 | 5,0 | 4,9 | 17,0 | 10,0 | 5,6 | 4,5 | mg/L O2 |
| Nitritos | ----- | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | |
| Amonio | < 0,01 | ----- | ----- | ----- | ----- | ----- | < 0,01 | ----- | 7,20 | 15,00 | ----- | ----- | |
| Alcalinidad | 216,0 | 198,0 | 226,0 | 322,0 | 286,0 | 130,0 | 106,0 | 112,0 | 204,0 | 278,0 | 192,0 | 206,0 | mg/L CO3Ca |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | |
| Coliformes totales | 4 | 20 | 200 | 0 | 20 | 500 | 40 | 20 | 10000 | 0 | 60 | 1000 | UFC/100mL |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 33

Subred: 33

Coordenadas X: 240533

Río: RIO GUADAMEZ

Y: 4309750

Situación: Desembocadura. Cruce Ctra. C-423

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES |
|---|--------|--------|-------|-------|-------|-------|--------|-------|--------|--------|-------|-------|------------|
| Temp.Agua | 5,0 | 9,5 | 16,5 | 16,5 | ----- | 23,5 | 23,0 | 23,0 | 24,5 | 19,0 | 13,0 | 13,0 | °C |
| Temp.Ambiente | 4,00 | 9,50 | 20,00 | 17,00 | ----- | 25,00 | 19,00 | 20,00 | 28,00 | 20,00 | 16,00 | 12,00 | °C |
| Caudal | 0,04 | 0,02 | 0,03 | 0,07 | ----- | 0,04 | 0,02 | 0,00 | 0,00 | 0,00 | ----- | 0,11 | m³/s |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | |
| Color | 30 | 20 | 20 | ----- | ----- | 20 | 20 | ----- | 20 | 20 | 20 | 20 | U.Pt |
| Aspecto | ----- | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | |
| Conductividad 20°C | 730 | 800 | 840 | 800 | ----- | 930 | 380 | 430 | 420 | 490 | 550 | 650 | µS/cm |
| pH | 7,3 | 7,4 | 7,7 | 7,8 | ----- | 7,6 | 7,6 | 7,3 | 7,4 | 7,7 | 7,5 | 7,6 | pH |
| Mats.Suspensión | ----- | | | | | | | | | | | | |
| Dureza Total | 308,0 | 312,0 | 336,0 | 340,0 | ----- | 330,0 | 124,0 | 134,0 | 140,0 | 165,0 | 214,0 | 264,0 | mg/L CO3Ca |
| Dza.Perman. | 110,0 | 134,0 | 152,0 | 144,0 | ----- | 160,0 | 44,0 | 48,0 | 46,0 | 57,0 | 82,0 | 112,0 | mg/L CO3Ca |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | |
| Cloruros | 82,0 | 95,0 | 97,0 | ----- | ----- | 86,0 | 38,0 | ----- | 46,0 | 47,0 | 62,0 | 74,0 | mg/L Cl- |
| Sulfatos | 80,0 | 135,0 | 140,0 | ----- | ----- | 120,0 | 46,0 | ----- | 44,0 | 54,0 | 70,0 | 76,0 | mg/L SO4= |
| Nitratos | ----- | | | | | | | | | | | | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | ----- | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca |
| Bicarbonatos | 198,0 | 178,0 | 184,0 | 196,0 | ----- | 170,0 | 80,0 | 86,0 | 94,0 | 108,0 | 132,0 | 152,0 | mg/L CO3Ca |
| Fosfatos | 1,80 | 1,37 | 0,80 | ----- | ----- | 0,50 | 0,12 | ----- | 0,17 | 0,26 | 0,21 | 0,37 | mg/L PO4-3 |
| Fluoruros | 0,15 | 0,13 | 0,19 | ----- | ----- | 0,14 | 0,15 | ----- | 0,30 | 0,21 | ----- | 0,15 | mg/L F- |
| Cianuros | ----- | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | |
| Calcio | 70,4 | 73,6 | 72,0 | ----- | ----- | 66,0 | 26,4 | ----- | 30,4 | 36,0 | 46,4 | 56,0 | mg/L Ca |
| Magnesio | 32,1 | 31,1 | 37,9 | ----- | ----- | 40,1 | 14,1 | ----- | 15,5 | 18,2 | 23,8 | 30,1 | mg/L Mg |
| Sodio | ----- | | | | | | | | | | | | |
| Potasio | ----- | | | | | | | | | | | | |
| Cromo | ----- | | | | | | | | | | | | |
| Manganeso | ----- | | | | | | | | | | | | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | < 0,05 | ----- | 0,10 | < 0,05 | ----- | ----- | |
| Cobre | ----- | | | | | | | | | | | | |
| Cinc | ----- | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | |
| Cadmio | ----- | | | | | | | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 11,2 | 3,7 | 1,9 | 1,7 | ----- | 0,7 | 0,8 | 0,8 | 0,7 | 0,4 | < 0,4 | 0,9 | mg/L O2 |
| D.Q.O. 10min | 7,3 | 2,7 | 3,0 | 2,7 | ----- | 3,5 | 3,6 | 3,7 | 4,3 | 4,3 | 2,6 | 2,5 | mg/L O2 |
| Nitritos | ----- | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | |
| Amonio | 0,05 | ----- | ----- | ----- | ----- | ----- | < 0,01 | ----- | < 0,01 | < 0,01 | ----- | ----- | |
| Alcalinidad | 198,0 | 178,0 | 184,0 | 196,0 | ----- | 170,0 | 80,0 | 86,0 | 94,0 | 108,0 | 132,0 | 152,0 | mg/L CO3Ca |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | |
| Coliformes totales | 100 | 0 | 0 | 2 | ----- | 0 | 800 | 340 | 1000 | 500 | 200 | 60 | UFC/100mL |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 34

Subred: 34

Coordenadas X: 234544

Río: RIO BURDALO

Y: 4320915

Situación: Desembocadura. Cruce N-430

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES |
|---|--------|--------|-------|-------|-------|-------|--------|-------|--------|--------|-------|-------|------------|
| Temp.Agua | 9,0 | 9,0 | 17,0 | 16,0 | 15,0 | 23,0 | 25,0 | 24,0 | 22,0 | 18,0 | 13,0 | 6,0 | °C |
| Temp.Ambiente | 10,00 | 12,00 | 22,00 | 15,00 | 17,00 | 25,00 | 26,00 | 28,00 | 29,00 | 20,00 | 14,00 | 11,00 | °C |
| Caudal | 0,46 | 0,34 | 0,28 | 0,40 | 0,58 | 0,21 | 0,52 | 1,48 | 1,18 | ----- | 0,73 | 0,71 | m³/s |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | |
| Color | 20 | 40 | 20 | ----- | 30 | 20 | 20 | ----- | 20 | 20 | 20 | 20 | U.Pt |
| Aspecto | ----- | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | |
| Conductividad 20°C | 650 | 750 | 790 | 850 | 650 | 830 | 800 | 850 | 850 | 950 | 810 | 850 | µS/cm |
| pH | 7,3 | 8,0 | 7,2 | 7,5 | 7,8 | 7,7 | 7,7 | 7,7 | 7,6 | 7,8 | 8,0 | 7,9 | pH |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 22 | 18 | 12 | 13 | 12 | 3 | 1 | 8 | mg/L |
| Dureza Total | 256,0 | 284,0 | 300,0 | 338,0 | 260,0 | 300,0 | 320,0 | 316,0 | 340,0 | 370,0 | 324,0 | 340,0 | mg/L CO3Ca |
| Dza.Perman. | 174,0 | 188,0 | 216,0 | 248,0 | 170,0 | 216,0 | 234,0 | 238,0 | 256,0 | 270,0 | 230,0 | 238,0 | mg/L CO3Ca |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | |
| Cloruros | 60,0 | 71,0 | 67,0 | ----- | 69,0 | 48,0 | 52,0 | ----- | 50,0 | 79,0 | 74,0 | 83,0 | mg/L Cl- |
| Sulfatos | 200,0 | 220,0 | 280,0 | ----- | 170,0 | 196,0 | 110,0 | ----- | 250,0 | 235,0 | 425,0 | 220,0 | mg/L SO4= |
| Nitratos | ----- | ----- | ----- | ----- | 1,7 | 2,6 | 8,0 | ----- | 7,0 | 19,0 | 27,0 | 27,0 | mg/L NO3- |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca |
| Bicarbonatos | 82,0 | 96,0 | 84,0 | 90,0 | 90,0 | 84,0 | 86,0 | 78,0 | 84,0 | 100,0 | 94,0 | 102,0 | mg/L CO3Ca |
| Fosfatos | 1,05 | 1,15 | 1,06 | ----- | 0,34 | 0,70 | 0,36 | ----- | 0,17 | 1,60 | 0,96 | 1,06 | mg/L PO4-3 |
| Fluoruros | 0,12 | 0,09 | 0,25 | ----- | 0,17 | 0,16 | 0,20 | ----- | 0,25 | 0,21 | ----- | 0,14 | mg/L F- |
| Cianuros | ----- | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | |
| Calcio | 64,0 | 67,2 | 70,4 | ----- | 65,6 | 72,8 | 76,8 | ----- | 86,4 | 88,0 | 81,6 | 76,0 | mg/L Ca |
| Magnesio | 23,3 | 38,2 | 30,1 | ----- | 23,3 | 28,6 | 31,1 | ----- | 30,1 | 36,4 | 29,0 | 36,4 | mg/L Mg |
| Sodio | ----- | | | | | | | | | | | | |
| Potasio | ----- | | | | | | | | | | | | |
| Cromo | ----- | | | | | | | | | | | | |
| Manganeso | ----- | | | | | | | | | | | | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | < 0,05 | ----- | < 0,05 | < 0,05 | ----- | ----- | ----- |
| Cobre | ----- | | | | | | | | | | | | |
| Cinc | ----- | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | |
| Cadmio | ----- | | | | | | | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | |
| Ox.Dto % | ----- | | | | | | | | | | | | |
| D.B.O. 5d | 3,2 | 2,7 | 3,1 | 1,7 | 1,3 | 0,8 | 1,0 | 1,1 | 0,4 | 0,8 | 0,5 | 1,1 | mg/L O2 |
| D.Q.O. 10min | 3,2 | 3,6 | 4,3 | 5,4 | 3,6 | 4,8 | 4,0 | 4,2 | 4,3 | 6,2 | 3,4 | 3,1 | mg/L O2 |
| Nitritos | ----- | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | |
| Amonio | < 0,01 | ----- | ----- | ----- | ----- | ----- | < 0,01 | ----- | < 0,01 | < 0,01 | ----- | ----- | ----- |
| Alcalinidad | 82,0 | 96,0 | 84,0 | 90,0 | 90,0 | 84,0 | 86,0 | 78,0 | 84,0 | 100,0 | 94,0 | 102,0 | mg/L CO3Ca |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | |
| Coliformes totales | 0 | 0 | 0 | 4 | 2 | 0 | 20 | 40 | 100 | 0 | 80 | 20 | UFC/100mL |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 35 Subred: 35
Río: RIO MATAHEL
Situación: E. Alange. Centro de presa

Coordenadas X: 216131
Y: 4298261
Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|--------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|------------|---------|
| Temp.Agua | 5,0 | 9,0 | 15,0 | 15,0 | 15,0 | 21,0 | 23,0 | 21,0 | 21,0 | 18,0 | 13,0 | 11,0 | °C | |
| Temp.Ambiente | -2,00 | 6,00 | 13,00 | 10,00 | 11,00 | 16,00 | 19,00 | 20,00 | 19,00 | 12,00 | 8,00 | 13,00 | °C | |
| V. embalsado | ----- | | | | | | | | | | | | Hm³ | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 150 | 150 | 50 | ----- | 30 | 40 | 40 | ----- | 30 | 150 | 75 | 50 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 960 | 1050 | 1060 | 950 | 1070 | 1400 | 900 | 1270 | 1100 | 1400 | 1550 | 1300 | µS/cm | |
| pH | 7,3 | 7,4 | 7,4 | 7,6 | 7,9 | 7,6 | 7,8 | 7,8 | 7,8 | 7,9 | 7,8 | 8,2 | pH | |
| Mats.Suspensión | ----- | | | | 5 | 9 | 80 | 52 | 32 | 32 | 13 | 16 | mg/L | |
| Dureza Total | 370,0 | 400,0 | 420,0 | 395,0 | 410,0 | 420,0 | 340,0 | 440,0 | 370,0 | 490,0 | 575,0 | 490,0 | mg/L CO3Ca | |
| Dza.Perman. | 30,0 | 58,0 | 58,0 | 55,0 | 5,0 | 110,0 | 146,0 | 58,0 | 34,0 | 8,0 | ----- | < 0,1 | mg/L CO3Ca | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 110,0 | 104,0 | 105,0 | ----- | 114,0 | 121,0 | 100,0 | ----- | 124,0 | 128,0 | 156,0 | 146,0 | mg/L Cl- | |
| Sulfatos | 120,0 | 89,0 | 76,0 | ----- | 65,0 | 105,0 | 125,0 | ----- | 56,0 | 35,0 | 30,0 | 48,0 | mg/L SO4= | |
| Nitratos | ----- | | | | 2,0 | 10,0 | 5,5 | ----- | < 0,5 | 95,0 | 17,0 | 13,0 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | ----- | < 0,1 | mg/L CO3Ca | |
| Bicarbonatos | 340,0 | 342,0 | 362,0 | 340,0 | 405,0 | 310,0 | 194,0 | 382,0 | 336,0 | 482,0 | ----- | 502,0 | mg/L CO3Ca | |
| Fosfatos | 9,20 | 10,00 | 8,78 | ----- | 3,25 | 3,12 | 0,52 | ----- | 0,72 | 10,75 | 11,85 | 2,29 | mg/L PO4-3 | |
| Fluoruros | 0,32 | 0,14 | 0,31 | ----- | 0,30 | 0,35 | 0,30 | ----- | 0,45 | 0,38 | ----- | 0,24 | mg/L F- | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | | |
| Calcio | 88,0 | 92,0 | 92,0 | ----- | 100,0 | 76,0 | 60,0 | ----- | 70,0 | 110,0 | 144,0 | 112,0 | mg/L Ca | |
| Magnesio | 36,4 | 65,6 | 46,2 | ----- | 38,9 | 55,9 | 46,2 | ----- | 47,4 | 52,2 | 52,2 | 51,0 | mg/L Mg | |
| Sodio | ----- | | | | 75,0 | 86,0 | ----- | | | | | | 105,0 | mg/L Na |
| Potasio | ----- | | | | | | 5,5 | ----- | 11,0 | 46,0 | ----- | | 37,0 | mg/L K |
| Cromo | ----- | | | | | | | | | | < 0,02 | | | |
| Manganeso | ----- | | | | | | | | | | 1,70 | | | |
| Hierro | < 0,05 | < 0,05 | ----- | | | | 0,20 | ----- | < 0,05 | 0,20 | ----- | | | |
| Cobre | ----- | | | | | | | | | | < 0,05 | | | |
| Cinc | ----- | | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | 0,02 | | | |
| Cadmio | ----- | | | | | | | | | | < 0,02 | | | |
| Mercurio | ----- | | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | < 0,02 | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | mg/L O2 | |
| Ox.Dto % | ----- | | | | | | | | | | | | % SAT | |
| D.B.O. 5d | 65,0 | 95,0 | 33,0 | 14,0 | 7,5 | 10,0 | 1,2 | 1,0 | 2,0 | 150,0 | 20,0 | 4,9 | mg/L O2 | |
| D.Q.O. 10min | 27,2 | 20,0 | 14,0 | 10,4 | 9,8 | 13,6 | 5,9 | 4,4 | 6,1 | 32,0 | 92,0 | 12,8 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | |
| Amonio | 1,50 | ----- | | | | | | 0,06 | ----- | < 0,01 | 12,00 | ----- | | |
| Alcalinidad | 340,0 | 342,0 | 362,0 | 340,0 | 405,0 | 310,0 | 194,0 | 382,0 | 336,0 | 482,0 | ----- | 502,0 | mg/L CO3Ca | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 20 | 10 | 200 | 50 | 60 | 200 | 50 | 160 | 0 | 3000 | 0 | 20 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 36

Subred: 36

Coordenadas X: 209395

Río: RIO GUADIANA

Y: 4312237

Situación: Puente Romano de Mérida, margen izquierda

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|--------|--------|-------|-------|-------|-------|--------|-------|--------|--------|--------|-------|------------|---------|
| Temp.Agua | 6,0 | 10,0 | 16,0 | 15,0 | 16,0 | 23,0 | 25,0 | 24,0 | 22,0 | 18,0 | 13,5 | 9,0 | °C | |
| Temp.Ambiente | 7,00 | 8,50 | 14,00 | 16,00 | 15,00 | 21,00 | 23,00 | 23,00 | 25,00 | 20,50 | 14,00 | 10,00 | °C | |
| Caudal | 0,00 | 0,00 | 0,00 | 5,36 | 3,60 | 4,80 | 26,80 | 38,50 | 31,40 | 21,80 | 4,99 | 5,40 | m³/s | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 20 | 20 | 20 | ----- | 20 | 20 | 30 | ----- | 20 | 20 | 20 | 20 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 750 | 760 | 800 | 790 | 720 | 850 | 710 | 740 | 810 | 900 | 800 | 720 | µS/cm | |
| pH | 7,5 | 7,6 | 7,7 | 8,1 | 8,3 | 7,7 | 7,9 | 7,7 | 7,8 | 8,0 | 7,4 | 7,6 | pH | |
| Mats.Suspensión | ----- | | | | 52 | 35 | 70 | 38 | 30 | 20 | 17 | 13 | mg/L | |
| Dureza Total | 326,0 | 300,0 | 308,0 | 368,0 | 292,0 | 320,0 | 290,0 | 280,0 | 332,0 | 365,0 | 340,0 | 348,0 | mg/L CO3Ca | |
| Dza.Perman. | 190,0 | 168,0 | 174,0 | 228,0 | 162,0 | 236,0 | 206,0 | 194,0 | 236,0 | 257,0 | 248,0 | 248,0 | mg/L CO3Ca | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 76,0 | 81,0 | 70,0 | ----- | 82,0 | 51,0 | 52,0 | ----- | 52,0 | 66,0 | 75,0 | 78,0 | mg/L Cl- | |
| Sulfatos | 150,0 | 194,0 | 190,0 | ----- | 180,0 | 236,0 | 180,0 | ----- | 192,0 | 196,0 | 192,0 | 216,0 | mg/L SO4= | |
| Nitratos | ----- | | | | 1,2 | 2,4 | 4,0 | ----- | 3,9 | 7,8 | 5,8 | 4,3 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca | |
| Bicarbonatos | 136,0 | 132,0 | 134,0 | 140,0 | 130,0 | 84,0 | 84,0 | 86,0 | 96,0 | 108,0 | 92,0 | 100,0 | mg/L CO3Ca | |
| Fosfatos | 1,20 | 1,30 | 1,03 | ----- | 0,26 | 0,20 | 0,18 | ----- | 0,12 | 0,32 | 0,43 | 0,32 | mg/L PO4-3 | |
| Fluoruros | 0,17 | 0,09 | 0,20 | ----- | 0,17 | 0,13 | 0,20 | ----- | 0,30 | 0,25 | ----- | 0,15 | mg/L F- | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | | |
| Calcio | 68,8 | 65,6 | 80,0 | ----- | 71,2 | 76,8 | 65,6 | ----- | 84,8 | 88,0 | 80,0 | 76,8 | mg/L Ca | |
| Magnesio | 37,4 | 33,0 | 26,2 | ----- | 27,7 | 31,1 | 30,6 | ----- | 29,1 | 35,2 | 34,0 | 37,9 | mg/L Mg | |
| Sodio | ----- | | | | 46,0 | 27,0 | ----- | | | | | | 44,0 | mg/L Na |
| Potasio | ----- | | | | | | 2,9 | ----- | 2,7 | 4,7 | ----- | | 4,4 | mg/L K |
| Cromo | ----- | | | | | | | | | | < 0,02 | ----- | | |
| Manganeso | ----- | | | | | | | | | | < 0,05 | ----- | | |
| Hierro | < 0,05 | < 0,05 | ----- | | | | 0,10 | ----- | < 0,05 | < 0,05 | ----- | | | |
| Cobre | ----- | | | | | | | | | | | | | |
| Cinc | ----- | | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | | |
| Cadmio | ----- | | | | | | | | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | < 0,02 | ----- | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 5,2 | 5,1 | 1,7 | 2,5 | 3,4 | 1,0 | 1,0 | 1,0 | 0,5 | 0,5 | 2,5 | 2,8 | mg/L O2 | |
| D.Q.O. 10min | 7,0 | 7,2 | 4,6 | 5,1 | 5,4 | 3,3 | 3,3 | 3,6 | 3,0 | 4,2 | 1,5 | 4,0 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | |
| Amonio | 0,09 | ----- | | | | | < 0,01 | ----- | < 0,01 | < 0,01 | ----- | | | |
| Alcalinidad | 136,0 | 132,0 | 134,0 | 140,0 | 130,0 | 84,0 | 84,0 | 86,0 | 96,0 | 108,0 | 92,0 | 100,0 | mg/L CO3Ca | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 0 | 5 | 4 | 0 | 0 | 20 | 40 | 40 | 60 | 0 | 200 | 1000 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| 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 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES |
|---|--------|--------|-------|-------|-------|-------|--------|-------|--------|--------|-------|-------|------------|
| Temp.Agua | 6,0 | 10,0 | 15,0 | 15,5 | 17,0 | 21,0 | 25,0 | 24,0 | 21,0 | 18,0 | 14,0 | 10,0 | °C |
| Temp.Ambiente | 6,00 | 8,00 | 13,00 | 15,00 | 16,00 | 23,00 | 22,00 | 24,00 | 26,00 | 20,00 | 13,00 | 7,50 | °C |
| V. embalsado | 1 | 1 | 1 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | Hm³ |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | |
| Color | 20 | 30 | 20 | ----- | 20 | 20 | 20 | ----- | 20 | 20 | 20 | 20 | U.Pt |
| Aspecto | ----- | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | |
| Conductividad 20°C | 750 | 790 | 800 | 740 | 780 | 900 | 720 | 750 | 820 | 800 | 850 | 850 | µS/cm |
| pH | 7,5 | 7,4 | 7,1 | 8,0 | 8,0 | 7,6 | 7,7 | 7,6 | 7,7 | 7,8 | 7,6 | 7,5 | pH |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 19 | 21 | 19 | 29 | 15 | 14 | 11 | 9 | mg/L |
| Dureza Total | 320,0 | 304,0 | 320,0 | 338,0 | 316,0 | 338,0 | 308,0 | 288,0 | 340,0 | 346,0 | 366,0 | 410,0 | mg/L CO3Ca |
| Dza.Perman. | 184,0 | 176,0 | 194,0 | 198,0 | 180,0 | 246,0 | 222,0 | 204,0 | 244,0 | 240,0 | 248,0 | 300,0 | mg/L CO3Ca |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | |
| Cloruros | 80,0 | 83,0 | 73,0 | ----- | 86,0 | 55,0 | 48,0 | ----- | 52,0 | 64,0 | 78,0 | 81,0 | mg/L Cl- |
| Sulfatos | 140,0 | 194,0 | 224,0 | ----- | 190,0 | 242,0 | 200,0 | ----- | 220,0 | 228,0 | 250,0 | 270,0 | mg/L SO4= |
| Nitratos | ----- | ----- | ----- | ----- | 1,2 | 3,0 | 3,0 | ----- | 3,3 | 7,8 | 9,0 | 6,8 | mg/L NO3- |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca |
| Bicarbonatos | 136,0 | 128,0 | 126,0 | 140,0 | 136,0 | 92,0 | 86,0 | 84,0 | 96,0 | 106,0 | 118,0 | 110,0 | mg/L CO3Ca |
| Fosfatos | 1,45 | 2,50 | 1,25 | ----- | 0,77 | 0,62 | 0,18 | ----- | 0,18 | 0,37 | 0,65 | 0,61 | mg/L PO4-3 |
| Fluoruros | 0,15 | 0,10 | 0,19 | ----- | 0,19 | 0,17 | 0,19 | ----- | 0,34 | 0,23 | ----- | 0,18 | mg/L F- |
| Cianuros | ----- | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | |
| Calcio | 68,8 | 71,2 | 80,0 | ----- | 73,6 | 86,4 | 70,4 | ----- | 84,8 | 88,8 | 86,4 | 88,0 | mg/L Ca |
| Magnesio | 35,9 | 30,6 | 29,2 | ----- | 32,1 | 29,6 | 32,1 | ----- | 31,1 | 30,1 | 36,4 | 46,2 | mg/L Mg |
| Sodio | ----- | | | | | | | | | | | | |
| Potasio | ----- | | | | | | | | | | | | |
| Cromo | ----- | | | | | | | | | | | | |
| Manganeso | ----- | | | | | | | | | | | | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | ----- | ----- | < 0,05 | < 0,05 | ----- | ----- | ----- |
| Cobre | ----- | | | | | | | | | | | | |
| Cinc | ----- | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | |
| Cadmio | ----- | | | | | | | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | |
| Ox.Dto % | ----- | | | | | | | | | | | | |
| D.B.O. 5d | 5,4 | 6,1 | 1,5 | 2,0 | 6,0 | 1,4 | 1,0 | 1,1 | 0,6 | 1,3 | 1,2 | 2,8 | mg/L O2 |
| D.Q.O. 10min | 6,3 | 7,4 | 5,3 | 5,7 | 5,7 | 3,5 | 4,2 | 2,9 | 3,9 | 4,5 | 4,7 | 4,7 | mg/L O2 |
| Nitritos | ----- | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | |
| Amonio | 1,00 | ----- | ----- | ----- | ----- | ----- | < 0,01 | ----- | < 0,01 | < 0,01 | ----- | ----- | ----- |
| Alcalinidad | 136,0 | 128,0 | 126,0 | 140,0 | 136,0 | 92,0 | 86,0 | 84,0 | 96,0 | 106,0 | 118,0 | 110,0 | mg/L CO3Ca |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | |
| Coliformes totales | 10 | 0 | 20 | 0 | 0 | 20 | 0 | 20 | 200 | 0 | 10 | 60 | UFC/100mL |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 38

Subred: 38

Coordenadas X: 179774

Río: RIO GUADAJIRA

Y: 4306846

Situación: Desembocadura. Pte. antigua Ctra. N-V

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES |
|---|--------|--------|-------|-------|-------|-------|-------|-------|--------|----------|-------|--------|------------|
| Temp.Agua | 5,0 | 10,0 | 16,0 | 16,0 | 14,0 | 21,0 | 22,0 | 21,0 | 21,0 | 18,0 | 13,0 | 13,0 | °C |
| Temp.Ambiente | 2,00 | 8,00 | 14,00 | 11,00 | 12,00 | 18,00 | 19,00 | 18,00 | 18,00 | 15,00 | 9,00 | 15,00 | °C |
| Caudal | 0,07 | 0,07 | 0,06 | 0,08 | 0,20 | 0,09 | 0,13 | 0,05 | 0,05 | 0,05 | 0,15 | 0,18 | m³/s |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | |
| Color | 200 | 300 | 150 | ----- | 100 | 100 | 40 | ----- | 40 | 300 | 100 | 300 | U.Pt |
| Aspecto | ----- | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | |
| Conductividad 20°C | 1600 | 1900 | 1900 | 1450 | 1600 | 2100 | 850 | 1060 | 1150 | 2600 | 1750 | 2300 | µS/cm |
| pH | 6,8 | 6,7 | 6,6 | 7,1 | 7,3 | 7,9 | 7,6 | 7,7 | 7,5 | 6,8 | 7,5 | 6,8 | pH |
| Mats.Suspensión | ----- | | | | | | | | | | | | |
| Dureza Total | 550,0 | 540,0 | 600,0 | 490,0 | 460,0 | 560,0 | 335,0 | 410,0 | 470,0 | 560,0 | 530,0 | 680,0 | mg/L CO3Ca |
| Dza.Perman. | 70,0 | 146,0 | 138,0 | 46,0 | 20,0 | 40,0 | 117,0 | 192,0 | 216,0 | < 0,1 | ----- | 106,0 | mg/L CO3Ca |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | |
| Cloruros | 230,0 | 305,0 | 261,0 | ----- | 250,0 | 215,0 | 80,0 | ----- | 104,0 | 324,0 | 259,0 | 382,0 | mg/L Cl- |
| Sulfatos | 70,0 | 62,0 | 28,0 | ----- | 30,0 | 90,0 | 97,0 | ----- | 164,0 | 70,0 | 80,0 | ----- | ----- |
| Nitratos | ----- | | | | | | | | | | | | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | ----- | < 0,1 | mg/L CO3Ca |
| Bicarbonatos | 480,0 | 394,0 | 462,0 | 444,0 | 440,0 | 520,0 | 218,0 | 218,0 | 254,0 | 640,0 | ----- | 574,0 | mg/L CO3Ca |
| Fosfatos | 22,60 | 20,00 | 19,20 | ----- | 13,00 | 25,50 | 1,25 | ----- | 0,24 | 28,50 | 13,75 | 37,50 | mg/L PO4-3 |
| Fluoruros | 0,29 | 0,16 | 0,36 | ----- | 0,26 | 0,38 | 0,27 | ----- | 0,40 | 0,35 | ----- | 0,31 | mg/L F- |
| Cianuros | ----- | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | |
| Calcio | 112,0 | 136,0 | 132,0 | ----- | 100,0 | 116,0 | 76,0 | ----- | 112,0 | 120,0 | 120,0 | 136,0 | mg/L Ca |
| Magnesio | 65,6 | 48,6 | 65,6 | ----- | 51,0 | 65,6 | 35,2 | ----- | 46,2 | 63,2 | 55,8 | 82,6 | mg/L Mg |
| Sodio | ----- | | | | | | | | | | | | |
| Potasio | ----- | | | | | | | | | | | | |
| Cromo | ----- | | | | | | | | | | | | |
| Manganeso | ----- | | | | | | | | | | | | |
| Hierro | < 0,05 | < 0,05 | ----- | ----- | ----- | ----- | 0,20 | ----- | < 0,05 | 1,10 | ----- | ----- | ----- |
| Cobre | ----- | | | | | | | | | | | | |
| Cinc | ----- | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | |
| Cadmio | ----- | | | | | | | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | |
| Ox.Dto % | ----- | | | | | | | | | | | | |
| D.B.O. 5d | 450,0 | 900,0 | 700,0 | 470,0 | 430,0 | 6,0 | 1,5 | 1,8 | 2,8 | > 1000,0 | 120,0 | 1000,0 | mg/L O2 |
| D.Q.O. 10min | 84,0 | 79,0 | 84,0 | 82,0 | 55,0 | 22,0 | 7,8 | 3,2 | 3,3 | 370,0 | 70,0 | 120,0 | mg/L O2 |
| Nitritos | ----- | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | |
| Amonio | 8,00 | ----- | ----- | ----- | ----- | ----- | 3,50 | ----- | < 0,01 | 12,40 | ----- | ----- | ----- |
| Alcalinidad | 480,0 | 394,0 | 462,0 | 444,0 | 440,0 | 520,0 | 218,0 | 218,0 | 254,0 | 640,0 | ----- | 574,0 | mg/L CO3Ca |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | |
| Coliformes totales | 400 | 200 | 20000 | 200 | 3000 | 4000 | 1000 | 1000 | 2000 | 100000 | 3000 | 300000 | UFC/100mL |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 39

Subred: 39

Coordenadas X: 172373

Río: RIO ALBUERA-NOGALES

Y: 4310241

Situación: E.A. Talavera la Real

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|--------|--------|-------|-------|-------|-------|--------|-------|--------|--------|--------|-------|------------|---------|
| Temp.Agua | 5,0 | 11,0 | 15,0 | 14,0 | 14,0 | 22,0 | ----- | ----- | 23,0 | 17,0 | 14,0 | 12,0 | °C | |
| Temp.Ambiente | 4,00 | 20,00 | 12,00 | 11,00 | 12,00 | 18,00 | ----- | ----- | 20,00 | 15,00 | 11,00 | 13,00 | °C | |
| Caudal | 0,70 | 0,62 | 0,30 | 0,70 | 0,14 | 1,13 | 0,41 | 1,55 | 1,29 | 1,88 | 0,09 | 0,43 | m³/s | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 30 | 20 | 20 | ----- | 20 | 20 | 20 | ----- | 20 | 20 | 30 | 30 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 880 | 900 | 900 | 900 | 850 | 1050 | 950 | 1050 | 990 | 975 | 870 | 870 | µS/cm | |
| pH | 7,9 | 8,0 | 7,9 | 7,8 | 7,9 | 7,9 | 7,9 | 7,8 | 7,7 | 7,8 | 7,7 | 7,8 | pH | |
| Mats.Suspensión | ----- | | | | 81 | 44 | 39 | 38 | 28 | 16 | 36 | 22 | mg/L | |
| Dureza Total | 390,0 | 400,0 | 380,0 | 390,0 | 360,0 | 425,0 | 475,0 | 410,0 | 440,0 | 415,0 | 364,0 | 400,0 | mg/L CO3Ca | |
| Dza.Perman. | 112,0 | 126,0 | 96,0 | 134,0 | 108,0 | 237,0 | 289,0 | 218,0 | 274,0 | 237,0 | 236,0 | 262,0 | mg/L CO3Ca | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 89,0 | 92,0 | 88,0 | ----- | 88,0 | 82,0 | 73,0 | ----- | 68,0 | 78,0 | 83,0 | 87,0 | mg/L Cl- | |
| Sulfatos | 130,0 | 90,0 | 80,0 | ----- | 110,0 | 172,0 | 188,0 | ----- | 216,0 | 184,0 | 226,0 | 212,0 | mg/L SO4= | |
| Nitratos | ----- | | | | 10,0 | 10,0 | 22,0 | ----- | 21,0 | 27,0 | 19,0 | 16,0 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca | |
| Bicarbonatos | 278,0 | 274,0 | 284,0 | 256,0 | 252,0 | 188,0 | 186,0 | 192,0 | 166,0 | 178,0 | 148,0 | 138,0 | mg/L CO3Ca | |
| Fosfatos | 0,87 | 0,15 | 0,71 | ----- | 0,42 | 0,44 | 0,36 | ----- | 0,22 | 0,42 | 0,60 | 0,57 | mg/L PO4-3 | |
| Fluoruros | 0,21 | 0,16 | 0,36 | ----- | 0,29 | 0,20 | 0,25 | ----- | 0,42 | 0,27 | ----- | 0,17 | mg/L F- | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | | |
| Calcio | 83,2 | 81,6 | 81,6 | ----- | 78,4 | 88,0 | 86,0 | ----- | 100,0 | 98,0 | 91,2 | 84,0 | mg/L Ca | |
| Magnesio | 44,2 | 47,6 | 42,7 | ----- | 39,8 | 49,8 | 63,2 | ----- | 46,2 | 41,3 | 37,9 | 46,2 | mg/L Mg | |
| Sodio | ----- | | | | 52,0 | 28,0 | ----- | | | | | | 48,0 | mg/L Na |
| Potasio | ----- | | | | | | 2,3 | ----- | 2,2 | 3,3 | ----- | | 4,8 | mg/L K |
| Cromo | ----- | | | | | | | | | | < 0,02 | ----- | | |
| Manganeso | ----- | | | | | | | | | | < 0,05 | ----- | | |
| Hierro | < 0,05 | < 0,05 | ----- | | | | < 0,05 | ----- | < 0,05 | < 0,05 | ----- | | | |
| Cobre | ----- | | | | | | | | | | < 0,05 | ----- | | |
| Cinc | ----- | | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | < 0,02 | ----- | | |
| Cadmio | ----- | | | | | | | | | | < 0,02 | ----- | | |
| Mercurio | ----- | | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | < 0,02 | ----- | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | mg/L O2 | |
| Ox.Dto % | ----- | | | | | | | | | | | | % SAT | |
| D.B.O. 5d | 3,7 | 2,2 | 0,8 | 2,4 | 3,0 | 1,2 | 0,8 | 0,8 | 0,6 | 0,7 | 2,1 | 2,0 | mg/L O2 | |
| D.Q.O. 10min | 2,2 | 1,8 | 2,7 | 4,1 | 3,3 | 5,9 | 3,6 | 3,7 | 3,2 | 4,3 | 5,3 | 4,8 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | |
| Amonio | ----- | | | | | | 0,03 | ----- | < 0,01 | < 0,01 | ----- | | | |
| Alcalinidad | 278,0 | 274,0 | 284,0 | 256,0 | 252,0 | 188,0 | 186,0 | 192,0 | 166,0 | 178,0 | 148,0 | 138,0 | mg/L CO3Ca | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 20 | 20 | 10 | 10 | 0 | 160 | 100 | 40 | 1000 | 20 | 100 | 100 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 40

Subred: 40

Coordenadas X: 167353

Río: RIO GUERRERO

Y: 4315415

Situación: Desembocadura, 200m aguas arriba confluencia R.Guadiana

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|--------|--------|-------|-------|-------|-------|--------|-------|--------|--------|--------|-------|------------|---------|
| Temp.Agua | ----- | | | | | | | | | | | | °C | |
| Temp.Ambiente | ----- | | | | | | | | | | | | °C | |
| Caudal | ----- | | | | | | | | | | | | m³/s | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 20 | 20 | 20 | ----- | 20 | 20 | 20 | ----- | 20 | 20 | 30 | 20 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 830 | 900 | 920 | 860 | 900 | 1150 | 1050 | 950 | 930 | 925 | 850 | 920 | µS/cm | |
| pH | 7,8 | 7,7 | 7,4 | 7,6 | 7,6 | 8,0 | 7,8 | 7,6 | 7,4 | 7,6 | 7,7 | 7,7 | pH | |
| Mats.Suspensión | ----- | | | | 11 | 9 | 12 | 8 | 8 | 6 | 5 | 5 | mg/L | |
| Dureza Total | 380,0 | 392,0 | 415,0 | 400,0 | 410,0 | 425,0 | 425,0 | 356,0 | 410,0 | 400,0 | 380,0 | 450,0 | mg/L CO3Ca | |
| Dza.Perman. | 216,0 | 228,0 | 251,0 | 234,0 | 244,0 | 245,0 | 249,0 | 216,0 | 284,0 | 274,0 | 252,0 | 310,0 | mg/L CO3Ca | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 72,0 | 78,0 | 80,0 | ----- | 88,0 | 103,0 | 98,0 | ----- | 64,0 | 67,0 | 73,0 | 83,0 | mg/L Cl- | |
| Sulfatos | 160,0 | 208,0 | 240,0 | ----- | 230,0 | 235,0 | 275,0 | ----- | 218,0 | 200,0 | 300,0 | 250,0 | mg/L SO4= | |
| Nitratos | ----- | | | | 1,1 | 2,4 | 2,2 | ----- | 4,0 | 8,5 | 7,3 | 4,6 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca | |
| Bicarbonatos | 164,0 | 164,0 | 164,0 | 166,0 | 166,0 | 180,0 | 176,0 | 140,0 | 126,0 | 126,0 | 128,0 | 140,0 | mg/L CO3Ca | |
| Fosfatos | 3,15 | < 0,01 | 0,04 | ----- | 0,08 | 0,48 | 0,26 | ----- | 0,08 | 0,07 | 0,31 | 0,44 | mg/L PO4-3 | |
| Fluoruros | 0,13 | 0,08 | 0,19 | ----- | 0,16 | 0,15 | 0,20 | ----- | 0,35 | 0,23 | ----- | 0,17 | mg/L F- | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | | |
| Calcio | 94,4 | 97,6 | 106,0 | ----- | 100,0 | 94,0 | 92,0 | ----- | 98,0 | 100,0 | 96,0 | 100,0 | mg/L Ca | |
| Magnesio | 34,9 | 35,9 | 36,4 | ----- | 38,9 | 46,2 | 47,4 | ----- | 40,1 | 36,4 | 34,0 | 48,6 | mg/L Mg | |
| Sodio | ----- | | | | 52,0 | 58,0 | ----- | | | | | | 47,0 | mg/L Na |
| Potasio | ----- | | | | | | 3,5 | ----- | 2,3 | 3,0 | ----- | | 4,4 | mg/L K |
| Cromo | ----- | | | | | | | | | | < 0,02 | | | |
| Manganeso | ----- | | | | | | | | | | < 0,05 | | | |
| Hierro | < 0,05 | < 0,05 | ----- | | | | < 0,05 | ----- | < 0,05 | < 0,05 | ----- | | | |
| Cobre | ----- | | | | | | | | | | | | < 0,05 | |
| Cinc | ----- | | | | | | | | | | | | < 0,05 | |
| Arsénico | ----- | | | | | | | | | | | | < 0,02 | |
| Cadmio | ----- | | | | | | | | | | | | < 0,02 | |
| Mercurio | ----- | | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | < 0,02 | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | mg/L O2 | |
| Ox.Dto % | ----- | | | | | | | | | | | | | |
| D.B.O. 5d | 4,5 | 2,8 | 1,8 | 0,9 | 1,5 | 1,0 | 1,2 | 1,1 | 0,9 | 0,5 | < 0,4 | 1,4 | mg/L O2 | |
| D.Q.O. 10min | 3,1 | 2,9 | 2,7 | 2,4 | 2,8 | 5,6 | 5,0 | 4,0 | 3,6 | 3,7 | 3,2 | 3,7 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | |
| Amonio | 0,02 | ----- | | | | | | 0,02 | ----- | < 0,01 | < 0,01 | ----- | | |
| Alcalinidad | 164,0 | 164,0 | 164,0 | 166,0 | 166,0 | 180,0 | 176,0 | 140,0 | 126,0 | 126,0 | 128,0 | 140,0 | mg/L CO3Ca | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 4 | 0 | 0 | 0 | 50 | 20 | 0 | 200 | 60 | 0 | 0 | 0 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 42

Subred: 42

Coordenadas X: 154894

Río: RIO GUADIANA

Y: 4311352

Situación: Badajoz-E.A. Puente de Palmas

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|--------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|------------|---------|
| Temp.Agua | 5,0 | 10,0 | 15,0 | 16,0 | 16,0 | 24,0 | ----- | ----- | 23,0 | 18,0 | 15,0 | 12,0 | °C | |
| Temp.Ambiente | 7,00 | 20,00 | 13,00 | 12,00 | 13,00 | 18,00 | ----- | ----- | 18,00 | 13,00 | 9,00 | 13,00 | °C | |
| Caudal | 6,00 | 4,80 | 6,00 | 9,80 | 1,90 | 3,50 | 8,00 | 6,20 | 14,40 | 9,80 | 6,00 | 3,50 | m³/s | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 30 | 30 | 20 | ----- | 20 | 40 | 20 | ----- | 20 | 20 | 20 | 30 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 850 | 930 | 920 | 925 | 900 | 1150 | 850 | 950 | 990 | 1000 | 950 | 1050 | µS/cm | |
| pH | 7,8 | 7,8 | 7,4 | 7,6 | 7,7 | 7,6 | 7,7 | 8,0 | 7,9 | 7,9 | 7,8 | 7,7 | pH | |
| Mats.Suspensión | ----- | | | | 25 | 23 | 11 | 22 | 15 | 20 | 28 | 19 | mg/L | |
| Dureza Total | 348,0 | 400,0 | 380,0 | 465,0 | 360,0 | 390,0 | 370,0 | 344,0 | 445,0 | 420,0 | 450,0 | 445,0 | mg/L CO3Ca | |
| Dza.Perman. | 180,0 | 198,0 | 188,0 | 195,0 | 150,0 | 250,0 | 272,0 | 220,0 | 305,0 | 268,0 | 358,0 | 271,0 | mg/L CO3Ca | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 97,0 | 98,0 | 94,0 | ----- | 102,0 | 108,0 | 61,0 | ----- | 74,0 | 77,0 | 96,0 | 102,0 | mg/L Cl- | |
| Sulfatos | 190,0 | 190,0 | 200,0 | ----- | 155,0 | 192,0 | 194,0 | ----- | 200,0 | 200,0 | 252,0 | 230,0 | mg/L SO4= | |
| Nitratos | ----- | | | | 1,8 | 2,8 | 4,0 | ----- | 4,8 | 10,5 | 11,0 | 13,0 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca | |
| Bicarbonatos | 168,0 | 202,0 | 192,0 | 270,0 | 210,0 | 140,0 | 98,0 | 124,0 | 140,0 | 152,0 | 92,0 | 174,0 | mg/L CO3Ca | |
| Fosfatos | 2,20 | 3,12 | 2,29 | ----- | 3,90 | 2,20 | 0,55 | ----- | 0,37 | 0,40 | 0,31 | 1,20 | mg/L PO4-3 | |
| Fluoruros | 0,13 | 0,12 | 0,26 | ----- | 0,21 | 0,16 | 0,19 | ----- | 0,35 | 0,25 | ----- | 0,24 | mg/L F- | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | | |
| Calcio | 76,8 | 90,0 | 86,0 | ----- | 88,0 | 76,0 | 72,0 | ----- | 98,0 | 100,0 | 100,0 | 108,0 | mg/L Ca | |
| Magnesio | 37,9 | 42,5 | 40,1 | ----- | 34,0 | 48,6 | 46,2 | ----- | 48,6 | 41,3 | 48,6 | 42,5 | mg/L Mg | |
| Sodio | ----- | | | | 58,0 | 35,0 | ----- | | | | | | 56,0 | mg/L Na |
| Potasio | ----- | | | | | | 4,6 | ----- | 4,2 | 4,7 | ----- | | 7,7 | mg/L K |
| Cromo | ----- | | | | | | | | | | < 0,02 | ----- | | |
| Manganeso | ----- | | | | | | | | | | < 0,05 | ----- | | |
| Hierro | < 0,05 | < 0,05 | ----- | | | | 0,10 | ----- | < 0,05 | < 0,05 | ----- | | | |
| Cobre | ----- | | | | | | | | | | < 0,05 | ----- | | |
| Cinc | ----- | | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | < 0,02 | ----- | | |
| Cadmio | ----- | | | | | | | | | | < 0,02 | ----- | | |
| Mercurio | ----- | | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | < 0,02 | ----- | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 4,5 | 4,1 | 3,0 | 40,0 | 5,0 | 1,0 | 1,6 | 1,5 | 2,5 | 1,2 | 2,0 | 4,7 | mg/L O2 | |
| D.Q.O. 10min | 11,6 | 5,6 | 5,8 | 14,0 | 3,6 | 16,8 | 5,4 | 5,7 | 4,4 | 4,3 | 5,0 | 4,6 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | |
| Amonio | 0,43 | ----- | | | | | 0,21 | ----- | < 0,01 | < 0,01 | ----- | | | |
| Alcalinidad | 168,0 | 202,0 | 192,0 | 270,0 | 210,0 | 140,0 | 98,0 | 124,0 | 140,0 | 152,0 | 92,0 | 174,0 | mg/L CO3Ca | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 2 | 0 | 20 | 10 | 5000 | 40 | 100 | 20 | 0 | 0 | 20 | 60 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 49

Subred: 50

Coordenadas X: 104756

Río: RIO GUADIANA

Y: 4156749

Situación: Sanlúcar de Guadiana. Puerto Fluvial

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|--------|-------|-------|-------|-------|--------|--------|-------|--------|--------|--------|--------|------------|--------|
| Temp.Agua | 18,0 | 17,0 | 20,0 | 20,0 | 22,0 | 27,0 | 26,0 | 26,0 | 24,0 | 23,0 | 19,0 | 16,0 | °C | |
| Temp.Ambiente | 19,00 | 14,00 | 18,00 | 15,00 | 22,00 | 30,00 | 29,00 | 23,00 | 26,00 | 28,00 | 22,00 | 21,00 | °C | |
| Caudal | ----- | | | | | | | | | | | | m³/s | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 20 | 50 | 20 | ----- | 30 | 20 | 20 | ----- | 20 | 40 | 20 | 20 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 950 | 1200 | 1200 | 1000 | 1400 | 4600 | 4500 | 6250 | 3800 | 900 | 3800 | 2150 | µS/cm | |
| pH | 7,6 | 7,4 | 7,7 | 8,0 | 8,1 | 8,2 | 8,0 | 8,0 | 7,9 | 7,9 | 7,9 | 8,0 | pH | |
| Mats.Suspensión | ----- | | | ----- | 163 | 115 | 62 | 16 | 100 | 23 | 11 | 34 | mg/L | |
| Dureza Total | 335,0 | 420,0 | 420,0 | 370,0 | 375,0 | 680,0 | 1250,0 | 850,0 | 600,0 | 395,0 | 760,0 | 545,0 | mg/L CO3Ca | |
| Dza.Perman. | 201,0 | 130,0 | 254,0 | 186,0 | 173,0 | 478,0 | 1044,0 | 650,0 | 430,0 | 237,0 | 612,0 | 391,0 | mg/L CO3Ca | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 160,0 | 226,0 | 193,0 | ----- | 242,0 | 1060,0 | 1100,0 | ----- | 920,0 | 100,0 | 1100,0 | 500,0 | mg/L Cl- | |
| Sulfatos | ----- | 200,0 | 172,0 | ----- | 146,0 | 250,0 | 330,0 | ----- | 275,0 | 260,0 | 410,0 | 270,0 | mg/L SO4= | |
| Nitratos | ----- | ----- | ----- | ----- | 2,7 | 13,0 | 12,5 | ----- | 12,0 | 4,5 | 13,5 | 10,0 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca | |
| Bicarbonatos | 134,0 | 290,0 | 166,0 | 184,0 | 202,0 | 202,0 | 206,0 | 200,0 | 170,0 | 158,0 | 148,0 | 154,0 | mg/L CO3Ca | |
| Fosfatos | 0,10 | 0,20 | 0,22 | ----- | 0,35 | 0,27 | 0,32 | ----- | 0,30 | ----- | ----- | 0,20 | mg/L PO4-3 | |
| Fluoruros | 0,19 | 0,15 | 0,24 | ----- | 0,25 | 0,27 | 0,23 | ----- | 0,34 | 0,22 | 0,22 | 0,26 | mg/L F- | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | | |
| Calcio | 70,0 | 72,0 | 76,0 | ----- | 82,0 | 96,0 | 180,0 | ----- | 80,0 | 88,0 | 100,0 | 100,0 | mg/L Ca | |
| Magnesio | 43,7 | 58,2 | 55,9 | ----- | 41,3 | 106,9 | 194,4 | ----- | 97,2 | 42,5 | 123,9 | 71,7 | mg/L Mg | |
| Sodio | ----- | | | | 140,0 | ----- | | | | | | 272,0 | mg/L Na | |
| Potasio | ----- | | | | | | 25,0 | ----- | 27,0 | 5,2 | ----- | | 14,5 | mg/L K |
| Cromo | ----- | | | | | | | | | < 0,02 | < 0,02 | < 0,02 | mg/L Cr | |
| Manganeso | ----- | | | | | | | | | < 0,05 | < 0,05 | < 0,05 | mg/L Mn | |
| Hierro | < 0,05 | ----- | | | 0,50 | 0,20 | 0,10 | ----- | < 0,05 | < 0,05 | < 0,05 | < 0,05 | mg/L Fe | |
| Cobre | ----- | | | | | | | | | < 0,05 | < 0,05 | < 0,05 | mg/L Cu | |
| Cinc | ----- | | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | < 0,02 | ----- | | | |
| Cadmio | ----- | | | | | | | | | < 0,02 | ----- | | | |
| Mercurio | ----- | | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | < 0,02 | ----- | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | mg/L O2 | |
| Ox.Dto % | ----- | | | | | | | | | | | | % SAT | |
| D.B.O. 5d | 1,5 | 9,0 | 1,3 | 0,6 | 0,8 | 0,5 | < 0,4 | 0,4 | 0,6 | 0,5 | 0,6 | 0,8 | mg/L O2 | |
| D.Q.O. 10min | 4,1 | 11,8 | 2,9 | 2,6 | 6,3 | 5,5 | 6,5 | 3,9 | 5,2 | 4,3 | 5,1 | 2,4 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | |
| Amonio | ----- | | | | | | < 0,01 | ----- | < 0,01 | ----- | | | | |
| Alcalinidad | 134,0 | 290,0 | 166,0 | 184,0 | 202,0 | 202,0 | 206,0 | 200,0 | 170,0 | 158,0 | 148,0 | 154,0 | mg/L CO3Ca | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 0 | 30 | 200 | 4 | 10 | 40 | 0 | 20 | 0 | 300 | 10000 | 4000 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 50

Subred: 51

Coordenadas X: 122435

Río: RIO PIEDRAS

Y: 4144407

Situación: E. Piedras. Centro de presa

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES |
|---|--------|--------|-------|-------|--------|--------|--------|-------|--------|--------|--------|--------|------------|
| Temp.Agua | 20,0 | 16,0 | 19,0 | 20,0 | 21,0 | 27,0 | 27,0 | 25,0 | 25,0 | 23,0 | 16,0 | 15,0 | °C |
| Temp.Ambiente | 21,00 | 15,00 | 18,00 | 15,00 | 22,00 | 27,00 | 29,00 | 24,00 | 25,00 | 26,00 | 14,00 | 16,00 | °C |
| V. embalsado | 18 | 19 | 20 | 22 | 22 | 22 | 22 | 22 | 22 | 20 | 20 | 20 | Hm³ |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | |
| Color | 20 | 20 | 20 | ----- | 20 | 20 | 20 | ----- | 20 | 20 | 30 | 20 | U.Pt |
| Aspecto | ----- | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | |
| Conductividad 20°C | 470 | 500 | 600 | 650 | 760 | 910 | 1020 | 1060 | 1300 | 1130 | 1100 | 1080 | µS/cm |
| pH | 7,6 | 7,5 | 7,9 | 7,9 | 8,2 | 8,2 | 7,8 | 8,1 | 8,3 | 8,0 | 7,9 | 8,0 | pH |
| Mats.Suspensión | ----- | ----- | ----- | ----- | 12 | 6 | 4 | 5 | 12 | 5 | 5 | 4 | mg/L |
| Dureza Total | 190,0 | 205,0 | 252,0 | 244,0 | 258,0 | 290,0 | 310,0 | 350,0 | 325,0 | 325,0 | 350,0 | 350,0 | mg/L CO3Ca |
| Dza.Perman. | 114,0 | 123,0 | 154,0 | 128,0 | 132,0 | 148,0 | 162,0 | 206,0 | 187,0 | 189,0 | 212,0 | 208,0 | mg/L CO3Ca |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | |
| Cloruros | 52,0 | 55,0 | 65,0 | ----- | 79,0 | 103,0 | 132,0 | ----- | 204,0 | 213,0 | 188,0 | 174,0 | mg/L Cl- |
| Sulfatos | ----- | 120,0 | 159,0 | ----- | 140,0 | 160,0 | 168,0 | ----- | 156,0 | 166,0 | 195,0 | 180,0 | mg/L SO4= |
| Nitratos | ----- | ----- | ----- | ----- | 0,8 | 2,4 | 2,6 | ----- | 5,1 | 5,7 | 4,8 | 5,8 | mg/L NO3- |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca |
| Bicarbonatos | 76,0 | 82,0 | 98,0 | 116,0 | 126,0 | 142,0 | 148,0 | 144,0 | 138,0 | 136,0 | 138,0 | 142,0 | mg/L CO3Ca |
| Fosfatos | < 0,01 | < 0,01 | 0,05 | ----- | < 0,01 | 0,15 | < 0,01 | ----- | < 0,01 | ----- | ----- | 0,03 | mg/L PO4-3 |
| Fluoruros | 0,16 | 0,15 | 0,21 | ----- | 0,20 | 0,21 | 0,19 | ----- | 0,24 | 0,19 | 0,27 | 0,24 | mg/L F- |
| Cianuros | ----- | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | |
| Calcio | 43,2 | 44,4 | 51,2 | ----- | 57,6 | 64,0 | 60,0 | ----- | 56,0 | 64,0 | 56,0 | 72,0 | mg/L Ca |
| Magnesio | 19,9 | 22,8 | 30,1 | ----- | 27,7 | 31,6 | 38,9 | ----- | 44,9 | 40,1 | 51,0 | 41,3 | mg/L Mg |
| Sodio | ----- | | | | | | | | | | | | 95,0 |
| Potasio | ----- | | | | | | | | | | | | 8,7 |
| Cromo | ----- | | | | | | | | | | | | < 0,02 |
| Manganeso | ----- | | | | | | | | | | | | < 0,05 |
| Hierro | < 0,05 | ----- | ----- | ----- | < 0,05 | < 0,05 | ----- | 0,50 | < 0,05 | < 0,05 | < 0,05 | < 0,05 | mg/L Fe |
| Cobre | ----- | | | | | | | | | | | | < 0,05 |
| Cinc | ----- | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | | | < 0,02 |
| Cadmio | ----- | | | | | | | | | | | | < 0,02 |
| Mercurio | ----- | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | | | < 0,02 |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | mg/L O2 |
| Ox.Dto % | ----- | | | | | | | | | | | | % SAT |
| D.B.O. 5d | 1,2 | 1,1 | 0,9 | 0,5 | 0,8 | 0,6 | 0,8 | 1,0 | 1,2 | 0,9 | 1,0 | 0,9 | mg/L O2 |
| D.Q.O. 10min | 3,8 | 4,4 | 2,9 | 2,7 | 4,1 | 2,9 | 3,8 | 3,7 | 4,1 | 4,8 | 4,1 | 3,2 | mg/L O2 |
| Nitritos | ----- | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | |
| Amonio | ----- | | | | | | | | | | | | < 0,01 |
| Alcalinidad | 76,0 | 82,0 | 98,0 | 116,0 | 126,0 | 142,0 | 148,0 | 144,0 | 138,0 | 136,0 | 138,0 | 142,0 | mg/L CO3Ca |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | |
| Coliformes totales | 2 | 20 | 0 | 20 | 20 | 100 | 0 | 40 | 0 | 500 | 160 | 20 | UFC/100mL |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 51

Subred: 52

Coordenadas X: 173245

Río: RIO ODIEL

Y: 4182074

Situación: Pte. Cinco Ojos. Ctra. Almonaster-Campillo

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|--------|-------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|-----------|------------|
| Temp.Agua | 10,0 | 10,0 | 14,0 | 15,0 | 18,0 | 22,0 | 24,0 | 22,0 | 21,0 | 24,0 | 17,0 | 13,0 | °C | |
| Temp.Ambiente | 15,00 | 11,00 | 12,50 | 13,00 | 20,00 | 16,00 | 28,00 | 21,00 | 19,00 | 30,00 | 20,00 | 14,00 | °C | |
| Caudal | ----- | | | | | | | | | | | | m³/s | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 50 | 30 | 75 | ----- | 20 | 40 | 60 | ----- | 75 | 50 | 150 | 300 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 1900 | 1850 | 2400 | 1900 | 3000 | 6500 | 6500 | 5000 | 7000 | 5500 | 4800 | 3600 | µS/cm | |
| pH | 3,1 | 2,8 | 3,1 | 2,9 | 2,9 | 2,5 | 2,6 | 2,8 | 2,4 | 2,8 | 2,6 | 3,0 | pH | |
| Mats.Suspensión | ----- | | | | 5 | 8 | 8 | 7 | 7 | 10 | 9 | 16 | mg/L | |
| Dureza Total | ----- | | 840,0 | 1100,0 | 780,0 | ----- | | 2800,0 | ----- | | 2350,0 | ----- | | |
| Dza.Perman. | ----- | | 840,0 | 1100,0 | 780,0 | ----- | | 2800,0 | ----- | | 2350,0 | ----- | | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 22,0 | 20,0 | 22,0 | ----- | 25,0 | 37,0 | 40,0 | ----- | 48,0 | 38,0 | 45,0 | 37,0 | mg/L Cl- | |
| Sulfatos | ----- | | 1500,0 | 1330,0 | ----- | 2000,0 | 5125,0 | 5000,0 | ----- | 6250,0 | 4050,0 | 4600,0 | 2700,0 | mg/L SO4= |
| Nitratos | ----- | | | | 0,5 | 1,8 | 2,4 | ----- | 2,3 | 2,0 | 120,0 | 0,9 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca |
| Bicarbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca |
| Fosfatos | ----- | | | | | | | | | | | | | |
| Fluoruros | 0,26 | 0,62 | 0,58 | ----- | 0,38 | 0,06 | 0,08 | ----- | 0,05 | 0,07 | 0,11 | 0,13 | mg/L F- | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Silíce | ----- | | | | | | | | | | | | | |
| Calcio | ----- | | | | | | | | | | | | | |
| Magnesio | ----- | | | | | | | | | | | | | |
| Sodio | ----- | | | | 25,0 | ----- | | | | | | 39,0 | mg/L Na | |
| Potasio | ----- | | | | | | 4,3 | ----- | 3,6 | 4,7 | ----- | 5,0 | mg/L K | |
| Cromo | ----- | | | | | | | | | < 0,02 | 0,15 | < 0,02 | mg/L Cr | |
| Manganeso | ----- | | | | | | | | | 132,00 | 90,00 | 68,00 | mg/L Mn | |
| Hierro | 29,77 | ----- | | | | 57,50 | 105,00 | 155,00 | ----- | 400,00 | 232,00 | 325,00 | 192,00 | mg/L Fe |
| Cobre | ----- | | | | | | | | | 35,00 | 24,00 | 13,00 | mg/L Cu | |
| Cinc | ----- | | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | 0,60 | ----- | | | |
| Cadmio | ----- | | | | | | | | | 0,31 | ----- | | | |
| Mercurio | ----- | | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | 0,10 | ----- | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | mg/L O2 | |
| Ox.Dto % | ----- | | | | | | | | | | | | % SAT | |
| D.B.O. 5d | 6,1 | 0,4 | ----- | 0,8 | 0,4 | < 0,4 | < 0,4 | 0,4 | 4,0 | 0,7 | < 0,4 | 2,4 | mg/L O2 | |
| D.Q.O. 10min | 7,2 | 2,2 | 2,1 | 1,9 | 4,8 | 1,4 | 6,8 | 64,0 | 8,2 | 6,8 | 18,0 | 13,0 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | |
| Amonio | ----- | | | | | | 8,00 | ----- | 7,00 | ----- | | | | |
| Alcalinidad | -672,0 | ----- | | -692,0 | -540,0 | -950,0 | -2480,0 | -2280,0 | -1380,0 | -3420,0 | -3150,0 | -3000,0 | -2420,0 | mg/L CO3Ca |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 54

Subred: 55

Coordenadas X: 160514

Río: RIO ODIEL

Y: 4167845

Situación: Sotiel Coronada

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | | | | | | | | |
|---|--------|-------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|----------|------------|---------|-----------|--------|--------|--------|--------|-----------|
| Temp.Agua | 10,0 | 10,0 | 16,0 | 15,0 | 21,0 | 23,0 | 23,0 | 20,0 | 23,0 | 19,0 | 14,0 | 13,0 | °C | | | | | | | | |
| Temp.Ambiente | 20,00 | 8,00 | 17,00 | 12,00 | 20,00 | 24,00 | 26,00 | 19,00 | 25,00 | 17,00 | 10,00 | 16,00 | °C | | | | | | | | |
| Caudal | 0,00 | 0,00 | 0,00 | 0,00 | 0,25 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | m³/s | | | | | | | | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | | | | | | | | |
| Color | 30 | 50 | 40 | ----- | 40 | 50 | 250 | 19 | 75 | 100 | 150 | 150 | U.Pt | | | | | | | | |
| Aspecto | ----- | | | | | | | | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | | | | | | | | |
| Conductividad 20°C | 2060 | 2100 | 2200 | 1650 | 2500 | 4100 | 5000 | 5500 | 5000 | 3850 | 4350 | 4900 | µS/cm | | | | | | | | |
| pH | 2,9 | 2,7 | 2,8 | 2,6 | 2,8 | 2,7 | 2,6 | 2,8 | 2,6 | 3,1 | 3,1 | 3,0 | pH | | | | | | | | |
| Mats.Suspensión | ----- | | | | 16 | 23 | 29 | 11 | 16 | 19 | 13 | 45 | mg/L | | | | | | | | |
| Dureza Total | ----- | | 760,0 | ----- | | 600,0 | ----- | | 1320,0 | ----- | | | | | | | | | | | |
| Dza.Perman. | ----- | | 760,0 | ----- | | 600,0 | ----- | | 1320,0 | ----- | | | | | | | | | | | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | | | | | | | | |
| Cloruros | 22,0 | 22,0 | 23,0 | ----- | 23,0 | 33,0 | 38,0 | ----- | 55,0 | 45,0 | 49,0 | 53,0 | mg/L Cl- | | | | | | | | |
| Sulfatos | ----- | | 1600,0 | ----- | | 1370,0 | ----- | | 1570,0 | ----- | | 2250,0 | ----- | | 4800,0 | ----- | 4400,0 | 2950,0 | 4200,0 | 3700,0 | mg/L SO4= |
| Nitratos | ----- | | | | 0,8 | 2,0 | 2,5 | ----- | | | | 6,0 | 3,9 | 2,9 | 2,0 | mg/L NO3- | | | | | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca | | | | | | | |
| Bicarbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca | | | | | | | |
| Fosfatos | ----- | | | | | | | | | | | | | | | | | | | | |
| Fluoruros | 0,35 | 0,68 | 0,48 | ----- | 0,64 | 0,62 | 0,10 | ----- | 0,08 | 0,07 | 0,08 | 0,05 | mg/L F- | | | | | | | | |
| Cianuros | ----- | | | | | | | | | | | | | | | | | | | | |
| Sílice | ----- | | | | | | | | | | | | | | | | | | | | |
| Calcio | ----- | | | | | | | | | | | | | | | | | | | | |
| Magnesio | ----- | | | | | | | | | | | | | | | | | | | | |
| Sodio | ----- | | | | 20,5 | ----- | | | | 54,0 | ----- | | | | mg/L Na | | | | | | |
| Potasio | ----- | | | | | | 3,2 | ----- | 2,5 | 3,1 | ----- | 4,0 | ----- | mg/L K | | | | | | | |
| Cromo | ----- | | | | | | | | | | 0,05 | 0,15 | 0,07 | ----- | mg/L Cr | | | | | | |
| Manganeso | ----- | | | | | | | | | | 72,00 | 86,00 | 126,00 | ----- | mg/L Mn | | | | | | |
| Hierro | 22,54 | ----- | | | | 85,00 | 183,90 | 410,00 | ----- | 308,00 | 160,00 | 180,00 | 180,00 | ----- | mg/L Fe | | | | | | |
| Cobre | ----- | | | | | | | | | | 20,00 | 24,00 | 30,00 | ----- | mg/L Cu | | | | | | |
| Cinc | ----- | | | | | | | | | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | | 2,40 | ----- | | | ----- | | | | | | |
| Cadmio | ----- | | | | | | | | | | 0,16 | ----- | | | ----- | | | | | | |
| Mercurio | ----- | | | | | | | | | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | | 0,07 | ----- | | | ----- | | | | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | | mg/L O2 | | | | | | | |
| Ox.Dto % | ----- | | | | | | | | | | | | | % SAT | | | | | | | |
| D.B.O. 5d | 3,8 | 0,4 | ----- | 0,4 | 0,7 | < 0,4 | < 0,4 | 0,4 | 0,4 | 0,4 | 0,6 | 5,1 | ----- | mg/L O2 | | | | | | | |
| D.Q.O. 10min | 3,6 | 1,0 | 1,8 | 0,9 | 1,7 | 2,6 | 2,0 | 3,6 | 2,0 | 2,8 | 2,4 | 8,0 | ----- | mg/L O2 | | | | | | | |
| Nitritos | ----- | | | | | | | | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | | | | | | | | |
| Amonio | ----- | | | | | | 0,40 | ----- | 1,60 | ----- | | | | ----- | | | | | | | |
| Alcalinidad | -940,0 | ----- | | -762,0 | -510,0 | -860,0 | -2000,0 | -2440,0 | -2800,0 | -2450,0 | -2400,0 | -2950,0 | -4120,0 | mg/L CO3Ca | | | | | | | |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | | | | | | | | |
| Coliformes totales | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | UFC/100mL | | | | | | | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | | | | | | | | |



RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 57

Subred: 58

Coordenadas X: 174695

Río: RIO TINTO

Y: 4141684

Situación: E.A. Puente Romano de Niebla

Z:

- Año 1981 -

| PARAMETROS | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | UNIDADES | |
|---|-----------|-------|--------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| Temp.Agua | 10,0 | 9,0 | 17,5 | 15,0 | 21,0 | 23,0 | 27,0 | 21,0 | 24,0 | 24,0 | 15,0 | 14,0 | °C | |
| Temp.Ambiente | 19,00 | 12,00 | 19,00 | 13,00 | 22,00 | 25,00 | 25,00 | 31,00 | 27,00 | 27,00 | 17,00 | 16,00 | °C | |
| Caudal | ----- | | | | | | | | | | | | m³/s | |
| CARACTERISTICAS ORGANOLEPTICAS | | | | | | | | | | | | | | |
| Color | 150 | 300 | 300 | ----- | 300 | 150 | 300 | ----- | 300 | 250 | 300 | 500 | U.Pt | |
| Aspecto | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS FISICO-QUIMICAS | | | | | | | | | | | | | | |
| Conductividad 20°C | 5200 | 6500 | 7700 | 7000 | 7500 | 9000 | 8000 | 10000 | 10300 | 8500 | 9000 | 10000 | µS/cm | |
| pH | 2,5 | 2,4 | 2,5 | 2,4 | 2,4 | 2,4 | 2,4 | 2,4 | 2,3 | 2,6 | 2,6 | 2,5 | pH | |
| Mats.Suspensión | ----- | | | | 28 | 17 | 32 | 35 | 19 | 22 | 26 | 48 | mg/L | |
| Dureza Total | ----- | | | | | | | | | | | | | |
| Dza.Perman. | ----- | | | | | | | | | | | | | |
| CARACTERISTICAS QUIMICAS | | | | | | | | | | | | | | |
| Cloruros | 43,0 | 44,0 | 47,0 | ----- | 36,0 | 49,0 | 80,0 | ----- | 83,0 | 84,0 | 87,0 | 101,0 | mg/L Cl- | |
| Sulfatos | ----- | | 9500,0 | > 9999,0 | ----- | > 9999,0 | 6500,0 | 8700,0 | ----- | 8400,0 | 8300,0 | 8900,0 | > 9999,0 | mg/L SO4= |
| Nitratos | ----- | | | | 2,8 | 3,8 | 5,6 | ----- | 2,8 | 4,0 | 3,8 | 2,8 | mg/L NO3- | |
| Carbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca |
| Bicarbonatos | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | mg/L CO3Ca |
| Fosfatos | ----- | | | | | | | | | | | | | |
| Fluoruros | 0,06 | 0,01 | 0,06 | ----- | 0,09 | < 0,01 | < 0,01 | ----- | < 0,01 | 0,03 | 0,05 | ----- | | |
| Cianuros | ----- | | | | | | | | | | | | | |
| Silíce | ----- | | | | | | | | | | | | | |
| Calcio | ----- | | | | | | | | | | | | | |
| Magnesio | ----- | | | | | | | | | | | | | |
| Sodio | ----- | | | | | | | | | | | | | |
| Potasio | ----- | | | | | | 2,7 | ----- | 0,8 | 2,0 | ----- | | | |
| Cromo | ----- | | | | | | | | | 0,25 | 0,33 | 0,25 | mg/L Cr | |
| Manganeso | ----- | | | | | | | | | 55,00 | 48,00 | 76,00 | mg/L Mn | |
| Hierro | > 999,00 | ----- | | | | > 999,00 | > 999,00 | > 999,00 | ----- | > 999,00 | 950,00 | > 999,00 | > 999,00 | mg/L Fe |
| Cobre | ----- | | | | | | | | | 65,00 | 64,00 | 88,00 | mg/L Cu | |
| Cinc | ----- | | | | | | | | | | | | | |
| Arsénico | ----- | | | | | | | | | 2,40 | ----- | | | |
| Cadmio | ----- | | | | | | | | | 0,80 | ----- | | | |
| Mercurio | ----- | | | | | | | | | | | | | |
| Plomo | ----- | | | | | | | | | 0,05 | ----- | | | |
| CARACTERISTICAS QUIMICO-BIOLÓGICAS | | | | | | | | | | | | | | |
| Ox.Dto | ----- | | | | | | | | | | | | mg/L O2 | |
| Ox.Dto % | ----- | | | | | | | | | | | | % SAT | |
| D.B.O. 5d | 1,0 | 0,4 | ----- | 1,0 | 0,4 | < 0,4 | 1,1 | 0,4 | 0,8 | 0,4 | 0,9 | 1,6 | mg/L O2 | |
| D.Q.O. 10min | 7,2 | 6,0 | 6,0 | 4,7 | 5,2 | 5,0 | 6,0 | 9,6 | 6,4 | 8,8 | 5,5 | 3,0 | mg/L O2 | |
| Nitritos | ----- | | | | | | | | | | | | | |
| Fenoles | ----- | | | | | | | | | | | | | |
| Detergentes | ----- | | | | | | | | | | | | | |
| Amonio | ----- | | | | | | 1,20 | ----- | < 0,01 | ----- | | | | |
| Alcalinidad | < -5000,0 | ----- | | < -5000,0 | < -5000,0 | < -5000,0 | < -5000,0 | < -5000,0 | < -5000,0 | < -5000,0 | < -5000,0 | < -5000,0 | < -5000,0 | mg/L CO3Ca |
| CARACTERISTICAS BACTERIOLÓGICAS | | | | | | | | | | | | | | |
| Coliformes totales | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | UFC/100mL | |
| INDICE GENERAL DE POLUCION | | | | | | | | | | | | | | |
| Indice U.V. | ----- | | | | | | | | | | | | | |