



Confederación Hidrográfica del Guadiana

Gestión de laboratorios

Informes

Report: R030412

Fecha: 21-09-2011

Resultados de análisis por punto de control

Página: 1

Código: GN00000011

Nombre del punto: RIO GIGÜELA - E.A. Villarta de San Juan

Cauce: RIO GIGÜELA

Código de la masa de agua: 12039

Nombre de la masa de agua: RIO GUADIANA-GIGÜELA

Localidad: Villarta de San Juan

Provincia: Ciudad Real

UTM X: 463203

UTM Y: 4344082

Huso: 30

| | | ENERO 11-01-2010 | FEBRERO 15-02-2010 | MARZO 08-03-2010 | ABRIL 12-04-2010 | MAYO 17-05-2010 | JUNIO 21-06-2010 | JULIO 12-07-2010 | AGOSTO 16-08-2010 | SEPTIEMBRE 13-09-2010 | OCTUBRE 18-10-2010 | NOVIEMBRE 22-11-2010 | DICIEMBRE 13-12-2010 |
|-------------------|-------|---------------------|-----------------------|---------------------|---------------------|--------------------|---------------------|---------------------|----------------------|--------------------------|-----------------------|-------------------------|-------------------------|
| Alcalinidad total | mg/L | 167,8 | 192,3 | 189,2 | 199,2 | 155,0 | 154,1 | 172,6 | 113,1 | --- | 121,6 | 177,0 | 184,9 |
| Aluminio | mg/L | 0,1349 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | --- | < 0,1000 | < 0,1000 | < 0,1000 |
| Amonio total | mg/L | 0,48 | < 0,05 | < 0,05 | 0,13 | < 0,05 | < 0,05 | 0,15 | 0,13 | --- | 0,15 | 1,51 | 0,39 |
| Arsénico | µg/L | < 2,50 | < 1,000 | 1,107 | 1,504 | --- | 2,039 | --- | 5,330 | --- | 2,323 | 1,172 | 1,043 |
| Arsénico | mg/L | --- | --- | --- | --- | < 0,025000 | --- | < 0,025000 | --- | --- | --- | --- | --- |
| Aspecto | ---- | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | --- | 1 | 1 | 1 |
| Bario | mg/L | < 0,0500 | < 0,0500 | < 0,0500 | < 0,0500 | 0,0837 | < 0,0500 | < 0,0500 | < 0,0500 | --- | < 0,0500 | < 0,0500 | < 0,0500 |
| Bicarbonatos | mg/L | 167,8 | 192,3 | 189,2 | 199,2 | 155,0 | 154,1 | 153,1 | 90,9 | --- | 121,6 | 177,0 | 184,9 |
| Boro | mg/L | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | 0,1102 | < 0,1000 | --- | < 0,1000 | < 0,1000 | < 0,1000 |
| Cadmio | µg/L | < 0,50 | < 1,000 | < 1,000 | < 1,000 | --- | < 1,000 | --- | < 1,000 | --- | < 1,000 | < 1,000 | < 1,000 |
| Cadmio | mg/L | --- | --- | --- | --- | < 0,025000 | --- | < 0,025000 | --- | --- | --- | --- | --- |
| Calcio | mg/L | 138,6000 | 191,5000 | 180,2000 | 242,2000 | 271,6000 | 295,8000 | 413,1000 | 430,9000 | --- | 464,2000 | 357,6000 | 271,5000 |
| Carbonatos | mg/L | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | 19,4 | 22,2 | --- | < 0,1 | < 0,1 | < 0,1 |
| Cianuro Total | mg/L | < 0,01 | < 0,01 | < 0,01 | < 0,01 | < 0,01 | < 0,01 | < 0,01 | < 0,01 | --- | < 0,010 | < 0,010 | < 0,010 |
| Cinc | mg/L | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | --- | < 0,1000 | < 0,1000 | < 0,1000 |
| Cloruros | mg/L | 97,3 | 86,4 | 72,6 | 90,8 | 87,2 | 89,0 | 122,0 | 573,0 | --- | 218,0 | 118,5 | 75,5 |
| Cobalto | mg/L | < 0,0500 | < 0,0500 | < 0,0500 | < 0,0500 | < 0,0500 | < 0,0500 | < 0,0500 | < 0,0500 | --- | < 0,0500 | < 0,0500 | < 0,0500 |
| Cobre | mg/L | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | --- | < 0,1000 | < 0,1000 | < 0,1000 |
| Color | mg/L | 10,7 | 9,4 | 11,1 | 11,6 | 12,3 | 10,6 | 14,2 | 15,2 | --- | 7,8 | 9,5 | 10,8 |
| Conductividad | µS/cm | 1149 | 1318 | 1201 | 1531 | 1599 | 1686 | 2361 | 4546 | --- | 2926 | 2142 | 1609 |
| Cromo | µg/L | < 5,00 | < 2,000 | < 2,000 | < 2,000 | --- | < 2,000 | --- | < 2,000 | --- | < 2,000 | < 2,000 | 3,310 |
| Cromo | mg/L | --- | --- | --- | --- | < 0,025000 | --- | < 0,025000 | --- | --- | --- | --- | --- |
| D.B.O. 5d | mg/L | 2,8 | 3,3 | 2,3 | 1,0 | 2,2 | 1,5 | 1,2 | 3,3 | --- | 0,9 | 2,3 | 1,6 |
| D.Q.O. 10min | mg/L | 4,8 | 2,2 | 4,5 | 3,2 | 6,2 | 4,8 | 4,3 | 9,4 | --- | 4,3 | 5,0 | 4,1 |
| Dureza permanente | mg/L | 350,2 | 515,8 | 446,8 | 675,3 | 820,3 | 902,1 | 1384,9 | 2686,8 | --- | 1810,9 | 1103,6 | 742,9 |
| Dureza total | mg/L | 518,0 | 708,1 | 636,0 | 874,5 | 975,3 | 1056,2 | 1557,5 | 2799,9 | --- | 1932,5 | 1280,6 | 927,8 |
| Estaño | mg/L | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | --- | < 0,1000 | < 0,1000 | < 0,1000 |
| Estroncio | mg/L | 2,1560 | 3,6220 | 2,8240 | 4,5850 | 5,8400 | 6,6910 | 9,3640 | 10,1840 | --- | 11,3560 | 8,0850 | 5,5990 |
| Fenoles | mg/L | < 0,01 | < 0,01 | < 0,01 | < 0,01 | < 0,01 | < 0,01 | < 0,01 | < 0,01 | --- | < 0,010 | < 0,010 | < 0,010 |



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|--|------|---------------------|-----------------------|---------------------|---------------------|--------------------|---------------------|---------------------|----------------------|--------------------------|-----------------------|-------------------------|-------------------------|
| Fluoruros | mg/L | 0,25 | 0,33 | 0,32 | 0,46 | 0,54 | 0,64 | 0,86 | 0,26 | --- | 1,02 | 0,81 | 0,41 |
| Fosfatos | mg/L | 0,39 | < 0,05 | < 0,05 | < 0,05 | < 0,05 | < 0,05 | 0,09 | < 0,05 | --- | < 0,05 | < 0,05 | 0,30 |
| Fósforo total | mg/L | 0,1919 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | --- | < 0,1000 | < 0,1000 | 0,1590 |
| Hidróxidos | mg/L | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 | --- | < 0,1 | < 0,1 | < 0,1 |
| Hierro | mg/L | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | --- | < 0,1000 | < 0,1000 | < 0,1000 |
| Magnesio | mg/L | 41,6800 | 55,7300 | 45,0800 | 65,3600 | 71,9900 | 76,9500 | 127,5000 | 418,6000 | --- | 187,6000 | 98,7400 | 60,5300 |
| Manganeso | mg/L | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | < 0,1000 | --- | < 0,1000 | < 0,1000 | < 0,1000 |
| Materias suspensión a 110°C | mg/L | < 10 | < 10 | < 10 | 10 | < 10 | < 10 | 11 | 28 | --- | 12 | < 10 | 14 |
| Mercurio | mg/L | < 0,000050 | < 0,000050 | < 0,000050 | < 0,000050 | 0,000108 | < 0,000050 | < 0,000050 | < 0,000050 | --- | < 0,000050 | < 0,000050 | < 0,000050 |
| Níquel | mg/L | < 0,0500 | < 0,0500 | < 0,0500 | < 0,0500 | < 0,0500 | < 0,0500 | < 0,0500 | < 0,0500 | --- | < 0,0500 | < 0,0500 | < 0,0500 |
| Nitratos | mg/L | 24,7 | 36,8 | 35,4 | 31,3 | 22,8 | 12,0 | 5,5 | < 1,0 | --- | 8,0 | 19,0 | 18,0 |
| Oxígeno disuelto | mg/L | 10,1 | 11,6 | 11,5 | 9,7 | 11,5 | 11,3 | 12,1 | 9,5 | --- | 10,6 | 10,2 | 9,2 |
| pH | pH | 7,9 | 8,2 | 8,4 | 8,3 | 8,4 | 8,3 | 8,4 | 8,5 | --- | 8,1 | 8,1 | 7,9 |
| Plomo | µg/L | < 2,00 | < 1,000 | < 1,000 | < 1,000 | --- | < 1,000 | --- | < 1,000 | --- | < 1,000 | < 1,000 | < 1,000 |
| Plomo | mg/L | --- | --- | --- | --- | < 0,025000 | --- | < 0,025000 | --- | --- | --- | --- | --- |
| Potasio | mg/L | 7,5070 | 6,5060 | 5,0610 | 5,6530 | 6,1680 | 6,0410 | 9,4340 | 19,8600 | --- | 9,3510 | 10,8100 | 7,7140 |
| Recuento de Coliformes totales UFC/100 | | 1600 | 220 | 2100 | 200 | 200 | 3400 | 900 | 290 | --- | 600 | 900 | 9500 |
| Selenio | µg/L | 1,94 | 1,679 | 2,291 | 1,815 | --- | 1,814 | --- | 16,200 | --- | 6,611 | 1,390 | 1,664 |
| Selenio | mg/L | --- | --- | --- | --- | < 0,025000 | --- | < 0,025000 | --- | --- | --- | --- | --- |
| Sílice | mg/L | 9,3170 | 2,9780 | 3,9450 | 6,6700 | 4,5360 | 8,3810 | 16,3700 | < 0,5000 | --- | 6,1970 | 9,1650 | 10,9000 |
| Sodio | mg/L | 55,2600 | 47,5100 | 37,8400 | 47,0100 | 51,3200 | 50,7800 | 86,9400 | 288,5600 | --- | 109,3800 | 74,0700 | 51,1300 |
| Sulfatos | mg/L | 367,1 | 511,5 | 433,8 | 659,0 | 770,8 | 912,0 | 1335,5 | 2582,0 | --- | 1687,0 | 1202,0 | 731,5 |