



Código: GN00000064

Nombre del punto: CANAL DEL ZUJAR - Villanueva de la Serena

Cauce: CANAL DEL ZUJAR

Código de la masa de agua: 999999

Nombre de la masa de agua: SIN ASIGNAR - PROVISIONAL

Localidad: Villanueva de la Serena

Provincia: Badajoz

UTM X: 257550

UTM Y: 4319844

Huso: 30

| | | ENERO | FEBRERO | MARZO 24-03-2009 | ABRIL | MAYO | JUNIO 17-06-2009 | JULIO | AGOSTO | SEPTIEMBRE 29-09-2009 | OCTUBRE | NOVIEMBRE | DICIEMBRE 08-12-2009 |
|---------------------------------|------|-------|---------|---------------------|-------|------|---------------------|-------|--------|--------------------------|---------|-----------|-------------------------|
| Acenaf teno | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Agentes tensoactivos (aniónico) | mg/L | --- | --- | < 0,1 | --- | --- | < 0,1 | --- | --- | < 0,1 | --- | --- | < 0,1 |
| a-hch | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Alaclor | µg/L | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 |
| Alcalinidad total | mg/L | --- | --- | 94,3 | --- | --- | 95,1 | --- | --- | 96,1 | --- | --- | 121,8 |
| Aldrín | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Aluminio | mg/L | --- | --- | < 0,05 | --- | --- | < 0,1500 | --- | --- | < 0,1500 | --- | --- | 0,1617 |
| Ametrin | µg/L | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 |
| Amonio total | mg/L | --- | --- | 0,06 | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | 2,05 |
| Antraceno | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Arsénico | µg/L | --- | --- | --- | --- | --- | --- | --- | --- | < 2,50 | --- | --- | 3,75 |
| Arsénico | mg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | --- | --- | --- | --- |
| Atraton | µg/L | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 |
| Atrazina | µg/L | --- | --- | < 0,09 | --- | --- | < 0,09 | --- | --- | < 0,09 | --- | --- | < 0,09 |
| atrazina | µg/L | --- | --- | < 0,03 | --- | --- | < 0,03 | --- | --- | < 0,03 | --- | --- | < 0,03 |
| Bario | mg/L | --- | --- | < 0,05 | --- | --- | < 0,0500 | --- | --- | < 0,0500 | --- | --- | 0,1000 |
| Benzo(a)Antraceno | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Benzo(a,h)Antraceno | µg/L | --- | --- | < 0,08 | --- | --- | < 0,08 | --- | --- | < 0,08 | --- | --- | < 0,08 |
| Benzo(a)Pireno | µg/L | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 |
| Benzo(b)Fluoranteno | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Benzo(g,h,i)Perileno | µg/L | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 |
| Benzo(k)Fluoranteno | µg/L | --- | --- | < 0,03 | --- | --- | < 0,03 | --- | --- | < 0,03 | --- | --- | < 0,03 |
| b-hch | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Bicarbonatos | mg/L | --- | --- | 94,3 | --- | --- | 95,1 | --- | --- | 96,1 | --- | --- | 121,8 |
| Boro | mg/L | --- | --- | < 0,05 | --- | --- | < 0,1000 | --- | --- | < 0,1000 | --- | --- | < 0,1000 |
| Cadmio | µg/L | --- | --- | --- | --- | --- | --- | --- | --- | < 0,50 | --- | --- | < 0,50 |
| Cadmio | mg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | --- | --- | --- | --- |
| Calcio | mg/L | --- | --- | 21,4 | --- | --- | 23,7800 | --- | --- | 25,6400 | --- | --- | 33,1500 |
| Carbonatos | mg/L | --- | --- | < 0,1 | --- | --- | < 0,1 | --- | --- | < 0,1 | --- | --- | < 0,1 |



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|----------------------|-------|-------|---------|---------------------|-------|------|---------------------|-------|--------|--------------------------|---------|-----------|-------------------------|
| Cianuro Total | mg/L | --- | --- | < 0,01 | --- | --- | --- | --- | --- | < 0,01 | --- | --- | < 0,01 |
| Cinc | mg/L | --- | --- | < 0,01 | --- | --- | < 0,1500 | --- | --- | < 0,1500 | --- | --- | < 0,1000 |
| Clorpirifos | µg/L | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 |
| Cloruros | mg/L | --- | --- | 29,5 | --- | --- | 29,0 | --- | --- | 33,3 | --- | --- | 32,4 |
| Cobalto | mg/L | --- | --- | < 0,02 | --- | --- | < 0,0200 | --- | --- | < 0,0200 | --- | --- | < 0,0500 |
| Cobre | mg/L | --- | --- | < 0,01 | --- | --- | < 0,1000 | --- | --- | < 0,1000 | --- | --- | < 0,1000 |
| Color | mg/L | --- | --- | 7,0 | --- | --- | < 5,0 | --- | --- | 6,4 | --- | --- | 11,0 |
| Conductividad | µS/cm | --- | --- | 310 | --- | --- | 303 | --- | --- | 313 | --- | --- | 375 |
| Cromo | µg/L | --- | --- | --- | --- | --- | --- | --- | --- | < 5,00 | --- | --- | < 5,00 |
| Cromo | mg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | --- | --- | --- | --- |
| Criseno | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| D.B.O. 5d | mg/L | --- | --- | 1,4 | --- | --- | 0,6 | --- | --- | 1,1 | --- | --- | 5,8 |
| Desetilazina | µg/L | --- | --- | < 0,03 | --- | --- | < 0,03 | --- | --- | < 0,03 | --- | --- | < 0,03 |
| Desisopropilatrazina | µg/L | --- | --- | < 0,03 | --- | --- | < 0,03 | --- | --- | < 0,03 | --- | --- | < 0,03 |
| d-hch | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Diazinon | µg/L | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 |
| Dieldrín | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Diuron | µg/L | --- | --- | < 0,08 | --- | --- | < 0,08 | --- | --- | < 0,08 | --- | --- | < 0,08 |
| D.Q.O. 10min | mg/L | --- | --- | 4,0 | --- | --- | 3,7 | --- | --- | 2,0 | --- | --- | 6,8 |
| D.Q.O. 2h | mg/L | --- | --- | 26 | --- | --- | 32 | --- | --- | 16 | --- | --- | 24 |
| Dureza permanente | mg/L | --- | --- | 9,0 | --- | --- | 14,6 | --- | --- | 19,9 | --- | --- | 17,8 |
| Dureza temporal | mg/L | --- | --- | 94,3 | --- | --- | 95,1 | --- | --- | 96,1 | --- | --- | 121,8 |
| Dureza total | mg/L | --- | --- | 103,3 | --- | --- | 109,7 | --- | --- | 116,0 | --- | --- | 139,6 |
| Endosulfán I | µg/L | --- | --- | < 0,02 | --- | --- | < 0,03 | --- | --- | < 0,03 | --- | --- | < 0,03 |
| Endosulfán II | µg/L | --- | --- | < 0,03 | --- | --- | < 0,03 | --- | --- | < 0,03 | --- | --- | < 0,03 |
| Endosulfán Sulfato | µg/L | --- | --- | < 0,03 | --- | --- | < 0,03 | --- | --- | < 0,03 | --- | --- | < 0,03 |
| Endrín | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Endrín Aldehido | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Estaño | mg/L | --- | --- | < 0,1 | --- | --- | < 0,0500 | --- | --- | < 0,0500 | --- | --- | < 0,1000 |



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|--|------|-------|---------|---------------------|-------|------|---------------------|-------|--------|--------------------------|---------|-----------|-------------------------|
| Estroncio | mg/L | --- | --- | 0,56 | --- | --- | < 0,4000 | --- | --- | < 0,4000 | --- | --- | < 0,5000 |
| Etil-Paratión | µg/L | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 |
| Fenantreno | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Fenoles | mg/L | --- | --- | < 0,01 | --- | --- | --- | --- | --- | < 0,01 | --- | --- | < 0,01 |
| Fluoranteno | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Fluoreno | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Fluoruros | mg/L | --- | --- | 0,215 | --- | --- | 0,22 | --- | --- | 0,22 | --- | --- | 0,20 |
| Fosfatos | mg/L | --- | --- | --- | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 |
| Fósforo total | mg/L | --- | --- | < 0,1 | --- | --- | < 0,1000 | --- | --- | < 0,1000 | --- | --- | < 0,1000 |
| Heptacloro | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Heptacloro epóxido | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Hexaclorobenceno | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Hidróxidos | mg/L | --- | --- | < 0,1 | --- | --- | < 0,1 | --- | --- | < 0,1 | --- | --- | < 0,1 |
| Hierro | mg/L | --- | --- | < 0,05 | --- | --- | < 0,0500 | --- | --- | < 0,0500 | --- | --- | 0,2582 |
| Imazalil | µg/L | --- | --- | < 0,08 | --- | --- | < 0,08 | --- | --- | < 0,08 | --- | --- | < 0,08 |
| Indeno(1,2,3-cd)Pireno | µg/L | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 |
| Investigación de Salmonella s/n 1000 n | | --- | --- | Ausente | --- | --- | Ausente | --- | --- | Ausente | --- | --- | Ausente |
| Isodrin | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Isoproturon | µg/L | --- | --- | < 0,08 | --- | --- | < 0,08 | --- | --- | < 0,08 | --- | --- | < 0,08 |
| Lindano | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Magnesio | mg/L | --- | --- | 12,1 | --- | --- | 12,2000 | --- | --- | 12,6000 | --- | --- | 13,7900 |
| Malatión | µg/L | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 |
| Manganeso | mg/L | --- | --- | 0,06 | --- | --- | < 0,0500 | --- | --- | < 0,0500 | --- | --- | 0,9672 |
| Materias suspensión a 110°C | mg/L | --- | --- | < 10 | --- | --- | < 10 | --- | --- | < 10 | --- | --- | < 10 |
| Mercurio | mg/L | --- | --- | < 0,00004 | --- | --- | < 0,000040 | --- | --- | < 0,000050 | --- | --- | < 0,000050 |
| Metil Paratión | µg/L | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 |
| Metilclorpirifos | µg/L | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 | --- | --- | < 0,05 |
| Metolaclor | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Molinate | µg/L | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 |



Confederación Hidrográfica del Guadiana

Gestión de laboratorios

Informes

Report: R030412

Fecha: 21-09-2011

Resultados de análisis por punto de control

Página: 4

Código: GN00000064

Nombre del punto: CANAL DEL ZUJAR - Villanueva de la Serena

Cauce: CANAL DEL ZUJAR

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|---------------------------------------|-------|-------|---------|---------------------|-------|------|---------------------|-------|--------|--------------------------|---------|-----------|-------------------------|
| Níquel | mg/L | --- | --- | < 0,1 | --- | --- | < 0,0500 | --- | --- | < 0,0500 | --- | --- | < 0,0500 |
| Nitratos | mg/L | --- | --- | < 1,0 | --- | --- | < 1,0 | --- | --- | < 1,0 | --- | --- | < 1,0 |
| O-Fosfatos | mg/L | --- | --- | 0,02 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Olor | ----- | --- | --- | 0 | --- | --- | 0 | --- | --- | 0 | --- | --- | 0 |
| PAH | mg/L | --- | --- | < 0,00002 | --- | --- | < 0,00002 | --- | --- | < 0,00002 | --- | --- | 0,00008 |
| PCB 101 | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| PCB 118 | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| PCB 138 | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| PCB 153 | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| PCB 180 | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| PCB 28 | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| PCB 52 | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| PCB's | µg/L | --- | --- | < 0,14 | --- | --- | < 0,14 | --- | --- | < 0,14 | --- | --- | < 0,14 |
| Pentaclorobenceno | µg/L | --- | --- | < 0,03 | --- | --- | < 0,03 | --- | --- | < 0,03 | --- | --- | < 0,03 |
| Pentaclorofenol | µg/L | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 |
| pH | pH | --- | --- | 7,8 | --- | --- | 7,8 | --- | --- | 7,8 | --- | --- | 7,8 |
| Pireno | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | 0,07 |
| Plaguicidas total | mg/L | --- | --- | < 0,00010 | --- | --- | < 0,00010 | --- | --- | < 0,00010 | --- | --- | < 0,00010 |
| Plomo | µg/L | --- | --- | --- | --- | --- | --- | --- | --- | < 2,00 | --- | --- | < 2,00 |
| Plomo | mg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | --- | --- | --- | --- |
| Potasio | mg/L | --- | --- | 3,7 | --- | --- | 3,9580 | --- | --- | 4,1010 | --- | --- | 4,4030 |
| PP-DDD | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| PP-DDE | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| PP-DDT | µg/L | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 | --- | --- | < 0,02 |
| Prometon | µg/L | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 |
| Prometrin | µg/L | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 |
| Propazina | µg/L | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 |
| Recuento de Coliformes fecal UFC/100 | | --- | --- | 7 | --- | --- | 25 | --- | --- | 6 | --- | --- | < 10 |
| Recuento de Coliformes totale UFC/100 | | --- | --- | 650 | --- | --- | 360 | --- | --- | 590 | --- | --- | 520 |



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Resultados de análisis por punto de control

Página: 5

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Nombre del punto: CANAL DEL ZUJAR - Villanueva de la Serena

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|--------------------------------------|-------|---------|---------------------|-------|------|---------------------|-------|--------|--------------------------|---------|-----------|-------------------------|
| Recuento de Estreptococos fe UFC/100 | --- | --- | 2 | --- | --- | 31 | --- | --- | 12 | --- | --- | 100 |
| Selenio µg/L | --- | --- | --- | --- | --- | --- | --- | --- | < 1,50 | --- | --- | < 1,50 |
| Selenio mg/L | --- | --- | < 0,03 | --- | --- | < 0,03 | --- | --- | --- | --- | --- | --- |
| Sílice mg/L | --- | --- | < 0,9 | --- | --- | < 0,9000 | --- | --- | < 0,9000 | --- | --- | 3,6800 |
| Simazina µg/L | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | 0,06 | --- | --- | < 0,06 |
| Simetrín µg/L | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 |
| Sodio mg/L | --- | --- | 21,5 | --- | --- | 20,9200 | --- | --- | 21,7100 | --- | --- | 21,9500 |
| Sulfatos mg/L | --- | --- | 30,0 | --- | --- | 25,4 | --- | --- | 28,9 | --- | --- | 32,7 |
| Terbutilazina µg/L | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 |
| Terbutrín µg/L | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 |
| Trifluralín µg/L | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 | --- | --- | < 0,06 |