



Confederación Hidrográfica del Guadiana

Gestión de laboratorios

Informes

Report: R030412

Fecha: 21-09-2011

Resultados de análisis por punto de control

Página: 1

Código: GN00000098

Nombre del punto: RIO ZUJAR - E. La Serena - Toma Guadalemar

Cauce: RIO ZUJAR

Código de la masa de agua: 20655

Nombre de la masa de agua: EMBALSE DE LA SERENA

Localidad: Esparragosa de Lares

Provincia: Badajoz

UTM X: 308881

UTM Y: 4313961

Huso: 30

		ENERO	FEBRERO	MARZO 22-03-2010	ABRIL	MAYO	JUNIO 09-06-2010	JULIO	AGOSTO	SEPTIEMBRE 27-09-2010	OCTUBRE	NOVIEMBRE	DICIEMBRE 19-12-2010
% Oxígeno	% SAT	---	---	---	---	---	---	---	---	---	---	---	---
Acenaf teno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02
Agentes tensoactivos (aniónic	mg/L	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1
a-hch	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
Alaclor	µg/L	---	---	< 0,05	---	---	< 0,05	---	---	< 0,020	---	---	< 0,020
Alcalinidad total	mg/L	---	---	46,7	---	---	54,7	---	---	64,3	---	---	63,4
Aldrin	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
Aluminio	mg/L	---	---	0,1907	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Ametrin	µg/L	---	---	< 0,06	---	---	< 0,06	---	---	< 0,020	---	---	< 0,020
Amonio total	mg/L	---	---	< 0,05	---	---	0,06	---	---	0,06	---	---	< 0,05
Antraceno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02
Arsénico	µg/L	---	---	2,058	---	---	3,252	---	---	2,679	---	---	1,610
Atraton	µg/L	---	---	< 0,06	---	---	< 0,06	---	---	< 0,020	---	---	< 0,020
Atrazina	µg/L	---	---	< 0,09	---	---	< 0,09	---	---	---	---	---	---
atrazina	µg/L	---	---	< 0,03	---	---	< 0,03	---	---	< 0,020	---	---	< 0,020
Bario	mg/L	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500	---	---	0,2441
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	---	---	< 0,020	---	---	< 0,020
Bicarbonatos	mg/L	---	---	46,7	---	---	44,2	---	---	50,5	---	---	63,4
Boro	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	0,1026
Cadmio	µg/L	---	---	< 1,000	---	---	< 1,000	---	---	< 1,000	---	---	< 1,000
Calcio	mg/L	---	---	14,2100	---	---	15,8700	---	---	15,0300	---	---	16,8400
Carbonatos	mg/L	---	---	< 0,1	---	---	10,5	---	---	13,8	---	---	< 0,1
Cianuro Total	mg/L	---	---	< 0,01	---	---	< 0,01	---	---	< 0,010	---	---	< 0,010



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Resultados de análisis por punto de control

Página: 2

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Cauce: RIO ZUJAR

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Cinc	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Clorpirifos	µg/L	---	---	< 0,05	---	---	< 0,05	---	---	< 0,020	---	---	< 0,020
Cloruros	mg/L	---	---	15,4	---	---	17,3	---	---	18,2	---	---	18,6
Cobalto	mg/L	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500
Cobre	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Color	mg/L	---	---	33,2	---	---	18,2	---	---	11,2	---	---	11,1
Conductividad	µS/cm	---	---	177	---	---	191	---	---	208	---	---	218
Cromo	µg/L	---	---	< 2,000	---	---	3,086	---	---	< 2,000	---	---	< 2,000
Cryseno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02
D.B.O. 5d	mg/L	---	---	2,8	---	---	2,7	---	---	2,6	---	---	1,5
Desetilatrazina	µg/L	---	---	< 0,03	---	---	< 0,03	---	---	< 0,020	---	---	< 0,020
Desisopropilatrazina	µg/L	---	---	< 0,03	---	---	< 0,03	---	---	< 0,020	---	---	< 0,020
d-hch	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
Diazinon	µg/L	---	---	< 0,05	---	---	< 0,05	---	---	< 0,020	---	---	< 0,020
Dieldrín	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
Diuron	µg/L	---	---	< 0,08	---	---	< 0,08	---	---	< 0,020	---	---	< 0,020
D.Q.O. 10min	mg/L	---	---	5,2	---	---	8,1	---	---	7,3	---	---	4,8
D.Q.O. 2h	mg/L	---	---	< 20	---	---	33	---	---	29	---	---	27
Dureza permanente	mg/L	---	---	18,6	---	---	18,2	---	---	3,4	---	---	12,7
Dureza temporal	mg/L	---	---	46,7	---	---	54,7	---	---	64,3	---	---	63,4
Dureza total	mg/L	---	---	65,3	---	---	72,9	---	---	67,7	---	---	76,1
Endosulfán I	µg/L	---	---	< 0,03	---	---	< 0,03	---	---	< 0,020	---	---	< 0,020
Endosulfán II	µg/L	---	---	< 0,03	---	---	< 0,03	---	---	< 0,020	---	---	< 0,020
Endosulfán Sulfato	µg/L	---	---	< 0,03	---	---	< 0,03	---	---	< 0,020	---	---	< 0,020
Endrín	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
Endrín Aldehído	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
Estaño	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Estroncio	mg/L	---	---	< 0,5000	---	---	< 0,5000	---	---	< 0,5000	---	---	< 0,5000
Etil-Paratión	µg/L	---	---	< 0,05	---	---	< 0,05	---	---	< 0,020	---	---	< 0,020



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Cauce: RIO ZUJAR

Código de la masa de agua: 20655

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Fenantreno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02
Fenoles	mg/L	---	---	< 0,01	---	---	< 0,01	---	---	< 0,010	---	---	< 0,010
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	---	---	0,13	---	---	0,13	---	---	0,14	---	---	0,15
Fosfatos	mg/L	---	---	0,21	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05
Fósforo total	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Heptacloro	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
Heptacloro epóxido	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
Hexaclorobenceno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
Hidróxidos	mg/L	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1
Hierro	mg/L	---	---	0,1715	---	---	0,1159	---	---	< 0,1000	---	---	< 0,1000
Imazalil	µg/L	---	---	< 0,08	---	---	< 0,08	---	---	< 0,050	---	---	< 0,050
Indeno(1,2,3-cd)Pireno	µg/L	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05
Investigación de Salmonella s/ n 1000 n		---	---	Ausente	---	---	Presencia	---	---	Ausente	---	---	---
Isodrin	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
Isoproturon	µg/L	---	---	< 0,08	---	---	< 0,08	---	---	< 0,020	---	---	< 0,020
Lindano	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
Magnesio	mg/L	---	---	7,2320	---	---	8,0730	---	---	7,3100	---	---	8,2700
Malatión	µg/L	---	---	< 0,05	---	---	< 0,05	---	---	< 0,050	---	---	< 0,050
Manganeso	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Materias suspensión a 110°C	mg/L	---	---	< 10	---	---	63	---	---	14	---	---	< 10
Mercurio	mg/L	---	---	< 0,000050	---	---	< 0,000050	---	---	< 0,000050	---	---	< 0,000050
Metil Paratión	µg/L	---	---	< 0,05	---	---	< 0,05	---	---	< 0,020	---	---	< 0,020
Metilclorpirifos	µg/L	---	---	< 0,05	---	---	< 0,05	---	---	< 0,020	---	---	< 0,020
Metolaclor	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
Molinate	µg/L	---	---	< 0,06	---	---	< 0,06	---	---	< 0,020	---	---	< 0,020
Naftaleno	µg/L	---	---	---	---	---	---	---	---	< 0,1	---	---	< 2,50
Níquel	mg/L	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500



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Nitratos	mg/L	---	---	6,0	---	---	2,7	---	---	< 1,0	---	---	2,9
Olor	-----	---	---	0	---	---	0	---	---	0	---	---	0
PAH	mg/L	---	---	< 0,00002	---	---	< 0,00002	---	---	< 0,00002	---	---	< 0,00020
PCB 101	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
PCB 118	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
PCB 138	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
PCB 153	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
PCB 180	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
PCB 28	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
PCB 52	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
PCB's	µg/L	---	---	< 0,14	---	---	< 0,14	---	---	< 0,14	---	---	< 0,14
Pentaclorobenceno	µg/L	---	---	< 0,03	---	---	< 0,03	---	---	< 0,020	---	---	< 0,020
Pentaclorof enol	µg/L	---	---	---	---	---	---	---	---	---	---	---	---
pH	pH	---	---	7,7	---	---	9,2	---	---	9,2	---	---	7,8
Pireno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02
Plaguicidas total	mg/L	---	---	< 0,00010	---	---	< 0,00010	---	---	< 0,00010	---	---	< 0,00100
Plomo	µg/L	---	---	1,022	---	---	< 1,000	---	---	< 1,000	---	---	< 1,000
Potasio	mg/L	---	---	2,7280	---	---	2,9890	---	---	2,9230	---	---	3,4560
PP-DDD	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
PP-DDE	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
PP-DDT	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---	---	< 0,020
Prometon	µg/L	---	---	< 0,06	---	---	< 0,06	---	---	< 0,050	---	---	< 0,050
Prometrin	µg/L	---	---	< 0,06	---	---	< 0,06	---	---	< 0,020	---	---	< 0,020
Propazina	µg/L	---	---	< 0,06	---	---	< 0,06	---	---	< 0,020	---	---	< 0,020
Recuento de Coliformes fecal UFC/100		---	---	< 10	---	---	207	---	---	< 10	---	---	< 10
Recuento de Coliformes totale UFC/100		---	---	40	---	---	37000	---	---	14000	---	---	340
Recuento de Estreptococos fe UFC/100		---	---	< 10	---	---	1060	---	---	1300	---	---	135
Selenio	µg/L	---	---	< 1,000	---	---	4,071	---	---	< 1,000	---	---	< 1,000
Sílice	mg/L	---	---	7,0340	---	---	5,7930	---	---	4,3340	---	---	3,5210



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Simazina	µg/L	---	---	< 0,06	---	---	< 0,06	---	---	0,022	---	---	< 0,020
Simetrín	µg/L	---	---	< 0,06	---	---	< 0,06	---	---	< 0,020	---	---	< 0,020
Sodio	mg/L	---	---	11,7600	---	---	12,9400	---	---	12,4100	---	---	14,0400
Sulfatos	mg/L	---	---	15,8	---	---	17,7	---	---	17,0	---	---	17,5
Terbutilazina	µg/L	---	---	0,07	---	---	< 0,06	---	---	1,238	---	---	0,073
Terbutrín	µg/L	---	---	< 0,06	---	---	< 0,06	---	---	< 0,020	---	---	< 0,020
Trifluralín	µg/L	---	---	< 0,06	---	---	< 0,06	---	---	< 0,020	---	---	< 0,020