

	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 24-03-2009	ABRIL	MAYO	JUNIO 17-06-2009	JULIO	AGOSTO	SEPTIEMBRE 29-09-2009	OCTUBRE	NOVIEMBRE	DICIEMBRE 08-12-2009
Acenafeno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02
Agentes tensoactivos (aniónicos)	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	---	---	81,4	---	---	91,1	---	---	94,5	---	---	95,3
Aldrín	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02
Aluminio	mg/L	---	---	< 0,05	---	---	< 0,1500	---	---	< 0,1500	---	---	< 0,1000
Ametrin	µg/L	---	---	< 0,06	---	---	< 0,06	---	---	< 0,06	---	---	< 0,06
Amonio total	mg/L	---	---	0,04	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05
Antraceno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02
Arsénico	µg/L	---	---	---	---	---	---	---	---	2,66	---	---	< 2,50
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	---	---	< 0,0500
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	---	---	81,4	---	---	79,6	---	---	89,2	---	---	95,3
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	---	---	17,8	---	---	22,7200	---	---	22,8200	---	---	24,9200
Carbonatos	mg/L	---	---	< 0,1	---	---	11,5	---	---	5,3	---	---	< 0,1

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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 24-03-2009	ABRIL	MAYO	JUNIO 17-06-2009	JULIO	AGOSTO	SEPTIEMBRE 29-09-2009	OCTUBRE	NOVIEMBRE	DICIEMBRE 08-12-2009
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	---	---	25,7	---	---	30,1	---	---	36,0	---	---	30,6
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	---	---	8,5	---	---	< 5,0	---	---	5,5	---	---	5,7
Conductividad	µS/cm	---	---	266	---	---	297	---	---	317	---	---	323
Cromo	µg/L	---	---	---	---	---	---	---	---	< 5,00	---	---	< 5,00
Cromo	mg/L	---	---	< 0,02	---	---	< 0,02	---	---	---	---	---	---
Cry seno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02
D.B.O. 5d	mg/L	---	---	1,3	---	---	1,0	---	---	1,3	---	---	< 0,4
Desetilatrazina	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	---	---	4,7	---	---	4,7	---	---	2,8	---	---	2,7
D.Q.O. 2h	mg/L	---	---	23	---	---	34	---	---	18	---	---	< 20
Dureza permanente	mg/L	---	---	8,0	---	---	15,6	---	---	11,9	---	---	21,6
Dureza temporal	mg/L	---	---	81,4	---	---	91,1	---	---	94,5	---	---	95,3
Dureza total	mg/L	---	---	89,4	---	---	106,7	---	---	106,4	---	---	116,9
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 Aldehído	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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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

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Estroncio	mg/L	---	---	0,55	---	---	< 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	---	---	0,169	---	---	0,19	---	---	0,22	---	---	0,19
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	---	---	< 0,1000
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	---	---	10,9	---	---	12,1300	---	---	11,9900	---	---	13,2700
Malatión	µg/L	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05
Manganeso	mg/L	---	---	< 0,01	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,1000
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

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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 24-03-2009	ABRIL	MAYO	JUNIO 17-06-2009	JULIO	AGOSTO	SEPTIEMBRE 29-09-2009	OCTUBRE	NOVIEMBRE	DICIEMBRE 08-12-2009
Níquel	mg/L	---	---	< 0,1	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500
Nitratos	mg/L	---	---	2,2	---	---	< 1,0	---	---	< 1,0	---	---	< 1,0
O-Fosfatos	mg/L	---	---	< 0,01	---	---	---	---	---	---	---	---	---
Olor	-----	---	---	0	---	---	0	---	---	0	---	---	0
PAH	mg/L	---	---	< 0,00002	---	---	< 0,00002	---	---	< 0,00002	---	---	< 0,00002
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	---	---	8,1	---	---	9,0	---	---	8,5	---	---	7,9
Pireno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02
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	---	---	3,1	---	---	4,2800	---	---	3,9090	---	---	3,9450
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		---	---	< 1	---	---	0	---	---	6	---	---	< 10
Recuento de Coliformes totale UFC/100		---	---	8	---	---	1	---	---	100	---	---	200

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Recuento de Streptococos fe UFC/100		---	---	< 1	---	---	1	---	---	4	---	---	11
Selenio	µg/L	---	---	---	---	---	---	---	---	< 1,50	---	---	< 1,50
Selenio	mg/L	---	---	< 0,03	---	---	< 0,03	---	---	---	---	---	---
Sílice	mg/L	---	---	1,8	---	---	< 0,9000	---	---	< 0,9000	---	---	< 0,9000
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	---	---	18,8	---	---	21,0100	---	---	20,3700	---	---	20,0200
Sulfatos	mg/L	---	---	26,6	---	---	26,9	---	---	30,8	---	---	28,9
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