



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 22-03-2011	ABRIL	MAYO	JUNIO 13-06-2011	JULIO	AGOSTO	SEPTIEMBRE 26-09-2011	OCTUBRE	NOVIEMBRE	DICIEMBRE 20-12-2011
Acenaf teno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,010
Agentes tensoactivos (aniónico)	mg/L	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1
a-hch	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,010
Alaclor	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Alcalinidad total	mg/L	---	---	57,4	---	---	61,8	---	---	71,2	---	---	68,0
Aldrín	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Aluminio	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Ametrin	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Amonio total	mg/L	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05
Antraceno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,010
Arsénico	µg/L	---	---	1,538	---	---	---	---	---	2,061	---	---	1,827
Arsénico	mg/L	---	---	---	---	---	< 0,025000	---	---	---	---	---	---
Atraton	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Atrazina	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	---	---	---	---
atrazina	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	0,028
Bario	mg/L	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500
Benceno	µg/L	---	---	---	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
Benzo(a)Antraceno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,010
Benzo(a,h)Antraceno	µg/L	---	---	< 0,08	---	---	< 0,08	---	---	< 0,08	---	---	< 0,020
Benzo(a)Pireno	µg/L	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,020
Benzo(b)Fluoranteno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020
Benzo(g,h,l)Perileno	µg/L	---	---	< 0,06	---	---	< 0,06	---	---	< 0,06	---	---	< 0,040
Benzo(k)Fluoranteno	µg/L	---	---	< 0,03	---	---	< 0,03	---	---	< 0,03	---	---	< 0,010
b-hch	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,010
Bicarbonatos	mg/L	---	---	57,4	---	---	55,8	---	---	64,8	---	---	68,0
Boro	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Bromodichlorometano	µg/L	---	---	---	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
Bromof ormo	µg/L	---	---	---	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
Cadmio	µg/L	---	---	< 1,000	---	---	---	---	---	< 1,000	---	---	< 1,000



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		ENERO	FEBRERO	MARZO 22-03-2011	ABRIL	MAYO	JUNIO 13-06-2011	JULIO	AGOSTO	SEPTIEMBRE 26-09-2011	OCTUBRE	NOVIEMBRE	DICIEMBRE 20-12-2011
Cadmio	mg/L	---	---	---	---	---	< 0,025000	---	---	---	---	---	---
Calcio	mg/L	---	---	15,2300	---	---	16,0000	---	---	17,6200	---	---	16,2300
Carbonatos	mg/L	---	---	< 0,1	---	---	6,0	---	---	6,4	---	---	< 0,1
Cianuro Total	mg/L	---	---	< 0,010	---	---	< 0,010	---	---	< 0,010	---	---	< 0,010
Cinc	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Clorf env inf os	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Clorobenceno	µg/L	---	---	---	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
Clorof ormo	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Clorpirif os	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Cloruros	mg/L	---	---	18,4	---	---	17,8	---	---	20,3	---	---	17,4
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	---	---	13,2	---	---	9,7	---	---	7,6	---	---	7,9
Conductiv idad	µS/cm	---	---	200	---	---	212	---	---	230	---	---	222
Cromo	µg/L	---	---	< 2,000	---	---	---	---	---	2,499	---	---	< 2,000
Cromo	mg/L	---	---	---	---	---	< 0,025000	---	---	---	---	---	---
Cry seno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,010
D.B.O. 5d	mg/L	---	---	3,1	---	---	0,8	---	---	0,9	---	---	1,5
Desetilatrizina	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Desisopropilatrazina	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
d-hch	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,010
Diazinon	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Dibromoclorometano	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Diclorometano	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Dieldrin	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Diuron	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
D.Q.O. 10min	mg/L	---	---	5,8	---	---	6,0	---	---	5,7	---	---	3,9
D.Q.O. 2h	mg/L	---	---	< 20	---	---	< 20	---	---	< 20	---	---	< 20
Dureza permanente	mg/L	---	---	11,8	---	---	11,6	---	---	9,6	---	---	---



Confederación Hidrográfica del Guadiana

Gestión de laboratorios

Informes

Report: R030412

Fecha: 05-01-2012

Resultados de análisis por punto de control

Página: 3

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Dureza temporal	mg/L	---	---	57,4	---	---	61,8	---	---	71,2	---	---	68,0
Dureza total	mg/L	---	---	69,2	---	---	73,4	---	---	80,8	---	---	74,0
Endosulfán I	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Endosulfán II	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Endosulfán Sulfato	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Endrín	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Endrín Aldehído	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Estaño	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Estireno	µg/L	---	---	---	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
Estroncio	mg/L	---	---	< 0,5000	---	---	< 0,5000	---	---	< 0,5000	---	---	< 0,5000
Etilbenceno	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Etil-Paratión	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Fenantreno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,010
Fenoles	mg/L	---	---	< 0,010	---	---	< 0,010	---	---	< 0,050	---	---	< 0,050
Fluoranteno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,010
Fluoreno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020
Fluoruros	mg/L	---	---	0,14	---	---	0,14	---	---	0,16	---	---	0,16
Fosfatos	mg/L	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05
Fósforo total	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Heptacloro	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Heptacloro epóxido	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Hexaclorobenceno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,010
Hexaclorobutadieno	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Hidróxidos	mg/L	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1
Hierro	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Imazalil	µg/L	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050
Indeno(1,2,3-cd)Pireno	µg/L	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,050
Investigación de Salmonella sp	-----	---	---	Ausente en 1000 mL	---	---	Ausente en 1000 mL	---	---	Ausente en 1000 mL	---	---	Salmonella no Detect



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Isodrin	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Isoproturon	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Lindano	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,010
Magnesio	mg/L	---	---	7,5530	---	---	8,1170	---	---	8,9180	---	---	8,1030
Malatión	µg/L	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050
Manganeso	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Materias suspensión a 110°C	mg/L	---	---	25	---	---	< 10	---	---	---	---	---	---
MCPA	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	---	---	---	< 0,020
Mercurio	mg/L	---	---	< 0,000050	---	---	< 0,000050	---	---	< 0,000050	---	---	< 0,000050
Metil Paratión	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Metilclorpirifos	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Metolaclor	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Molinate	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
m,p-xileno	µg/L	---	---	---	---	---	< 2,00	---	---	< 2,00	---	---	< 2,00
MTBE	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Naftaleno	µg/L	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Níquel	mg/L	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500
Nitratos	mg/L	---	---	4,4	---	---	2,2	---	---	< 1,0	---	---	2,0
Olor	-----	---	---	0	---	---	0	---	---	1	---	---	0
Oxifluorfen	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	---	---	---	< 0,020
o-xileno	µg/L	---	---	---	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
PAH	mg/L	---	---	< 0,00020	---	---	< 0,00020	---	---	< 0,00020	---	---	< 0,00020
PCB 101	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
PCB 118	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
PCB 138	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
PCB 153	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
PCB 180	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
PCB 28	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
PCB 52	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020



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PCB's	µg/L	---	---	< 0,14	---	---	< 0,14	---	---	< 0,14	---	---	< 0,14
Pentaclorobenceno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,010
pH	pH	---	---	8,3	---	---	8,8	---	---	8,8	---	---	7,9
Pireno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,010
Plaguicidas total	mg/L	---	---	< 0,00100	---	---	< 0,00100	---	---	< 0,00100	---	---	< 0,00100
Plomo	µg/L	---	---	< 1,000	---	---	---	---	---	< 1,000	---	---	< 1,000
Plomo	mg/L	---	---	---	---	---	< 0,025000	---	---	---	---	---	---
Potasio	mg/L	---	---	2,9120	---	---	3,1750	---	---	3,3200	---	---	3,3220
PP-DDD	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
PP-DDE	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
PP-DDT	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Prometon	µg/L	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050
Prometrin	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Propazina	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Recuento de Coliformes fecal UFC/100		---	---	< 10	---	---	15	---	---	< 10	---	---	< 10
Recuento de Coliformes totale UFC/100		---	---	2100	---	---	9000	---	---	< 10	---	---	2400
Recuento de Estreptococos fe UFC/100		---	---	10	---	---	28	---	---	190	---	---	< 10
Selenio	µg/L	---	---	< 1,000	---	---	---	---	---	< 1,000	---	---	< 1,000
Selenio	mg/L	---	---	---	---	---	< 0,025000	---	---	---	---	---	---
Sílice	mg/L	---	---	5,1520	---	---	5,3030	---	---	< 0,8560	---	---	2,2750
Simazina	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	0,020	---	---	0,020
Simetrín	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Sodio	mg/L	---	---	12,7400	---	---	13,7000	---	---	14,4800	---	---	12,7900
Sólidos en Suspensión	mg/L	---	---	---	---	---	---	---	---	< 10	---	---	< 10
Sulfatos	mg/L	---	---	17,2	---	---	17,2	---	---	20,3	---	---	18,6
Terbutilazina	µg/L	---	---	0,089	---	---	0,110	---	---	0,067	---	---	0,124
Terbutrín	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Tetracloroetileno (Percloroetiler	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Tetracloruro de Carbono	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50



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Tolueno	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Tricloroetileno	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Trifluralín	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
1,1,1-tricloroetano	µg/L	---	---	---	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
1,2-diclorobenceno	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
1,2-Dicloroetano	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
1,2,3-triclorobenceno	µg/L	---	---	---	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
1,2,4-triclorobenceno	µg/L	---	---	---	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
1,3-diclorobenceno	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
1,3,5-triclorobenceno	µg/L	---	---	---	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
1,4-diclorobenceno	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50