



Confederación Hidrográfica del Guadiana

Gestión de laboratorios

Informes

Report: R030412

Fecha: 21-09-2011

Resultados de análisis por punto de control

Página: 1

Código: GN00000330

Nombre del punto: RIVERA DEL PLAYON - E. Zafra o Albuera de Castellar

Cauce: RIVERA DEL PLAYON

Código de la masa de agua: 20663

Nombre de la masa de agua: EMBALSE DE ZAFRA

Localidad: Zafra

Provincia: Badajoz

UTM X: 721732

UTM Y: 4257211

Huso: 29

		ENERO 25-01-2010	FEBRERO 09-02-2010	MARZO	ABRIL	MAYO 11-05-2010	JUNIO	JULIO	AGOSTO 24-08-2010	SEPTIEMBRE	OCTUBRE	NOVIEMBRE 29-11-2010	DICIEMBRE
Acenaf teno	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---
Agentes tensoactivos (aniónic	mg/L	< 0,1	< 0,1	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1	---
a-hch	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
Alaclor	µg/L	< 0,05	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,020	---
Alcalinidad total	mg/L	99,2	111,8	---	---	116,5	---	---	116,4	---	---	147,9	---
Aldrín	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
Aluminio	mg/L	< 0,1000	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---
Ametrin	µg/L	< 0,06	< 0,06	---	---	< 0,06	---	---	< 0,06	---	---	< 0,020	---
Amonio total	mg/L	0,32	0,11	---	---	< 0,05	---	---	< 0,05	---	---	0,29	---
Antraceno	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---
Arsénico	µg/L	< 2,50	1,096	---	---	---	---	---	1,169	---	---	< 1,000	---
Arsénico	mg/L	---	---	---	---	< 0,025000	---	---	---	---	---	---	---
Atraton	µg/L	< 0,06	< 0,06	---	---	< 0,06	---	---	< 0,06	---	---	< 0,020	---
Atrazina	µg/L	< 0,09	< 0,09	---	---	< 0,09	---	---	< 0,09	---	---	---	---
atrazina	µg/L	< 0,03	< 0,03	---	---	< 0,03	---	---	< 0,03	---	---	< 0,020	---
Bario	mg/L	< 0,0500	< 0,0500	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500	---
Benzo(a)Antraceno	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---
Benzo(a,h)Antraceno	µg/L	< 0,08	< 0,08	---	---	< 0,08	---	---	< 0,08	---	---	< 0,08	---
Benzo(a)Pireno	µg/L	< 0,05	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05	---
Benzo(b)Fluoranteno	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---
Benzo(g,h,i)Perileno	µg/L	< 0,06	< 0,06	---	---	< 0,06	---	---	< 0,06	---	---	< 0,06	---
Benzo(k)Fluoranteno	µg/L	< 0,03	< 0,03	---	---	< 0,03	---	---	< 0,03	---	---	< 0,03	---
b-hch	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
Bicarbonatos	mg/L	99,2	111,8	---	---	102,2	---	---	110,3	---	---	147,9	---
Boro	mg/L	< 0,1000	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---
Cadmio	µg/L	< 0,50	< 1,000	---	---	---	---	---	< 1,000	---	---	< 1,000	---
Cadmio	mg/L	---	---	---	---	< 0,025000	---	---	---	---	---	---	---
Calcio	mg/L	31,1700	43,2000	---	---	32,8000	---	---	27,4000	---	---	41,0600	---
Carbonatos	mg/L	< 0,1	< 0,1	---	---	14,3	---	---	6,1	---	---	< 0,1	---



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Localidad: Zafra

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Cianuro Total	mg/L	< 0,01	< 0,01	---	---	< 0,01	---	---	< 0,01	---	---	< 0,010	---
Cinc	mg/L	< 0,1000	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---
Clorpirifos	µg/L	< 0,05	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,020	---
Cloruros	mg/L	12,6	13,8	---	---	9,6	---	---	9,7	---	---	12,7	---
Cobalto	mg/L	< 0,0500	< 0,0500	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500	---
Cobre	mg/L	< 0,1000	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---
Color	mg/L	17,6	16,2	---	---	8,9	---	---	6,2	---	---	7,8	---
Conductividad	µS/cm	247	270	---	---	238	---	---	246	---	---	311	---
Cromo	µg/L	< 5,00	< 2,000	---	---	---	---	---	< 2,000	---	---	< 2,000	---
Cromo	mg/L	---	---	---	---	< 0,025000	---	---	---	---	---	---	---
Cryseno	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---
D.B.O. 5d	mg/L	1,0	3,9	---	---	2,4	---	---	2,4	---	---	2,4	---
Desetilazina	µg/L	< 0,03	< 0,03	---	---	< 0,03	---	---	< 0,03	---	---	< 0,020	---
Desisopropilatrazina	µg/L	< 0,03	< 0,03	---	---	< 0,03	---	---	< 0,03	---	---	< 0,020	---
d-hch	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
Diazinon	µg/L	< 0,05	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,020	---
Dieldrín	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
Diuron	µg/L	< 0,08	< 0,08	---	---	< 0,08	---	---	< 0,08	---	---	< 0,020	---
D.Q.O. 10min	mg/L	5,7	6,5	---	---	5,9	---	---	4,9	---	---	5,3	---
D.Q.O. 2h	mg/L	27	< 20	---	---	< 20	---	---	< 20	---	---	27	---
Dureza permanente	mg/L	4,0	30,1	---	---	4,2	---	---	< 0,1	---	---	< 0,1	---
Dureza temporal	mg/L	99,2	111,8	---	---	116,5	---	---	111,1	---	---	144,4	---
Dureza total	mg/L	103,2	141,9	---	---	120,7	---	---	111,1	---	---	144,4	---
Endosulfán I	µg/L	< 0,03	< 0,03	---	---	< 0,03	---	---	< 0,03	---	---	< 0,020	---
Endosulfán II	µg/L	< 0,03	< 0,03	---	---	< 0,03	---	---	< 0,03	---	---	< 0,020	---
Endosulfán Sulfato	µg/L	< 0,03	< 0,03	---	---	< 0,03	---	---	< 0,03	---	---	< 0,020	---
Endrín	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
Endrín Aldehido	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
Estaño	mg/L	< 0,1000	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---



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Resultados de análisis por punto de control

Página: 3

Código: GN00000330

Nombre del punto: RIVERA DEL PLAYON - E. Zafra o Albuera de Castellar

Cauce: RIVERA DEL PLAYON

Código de la masa de agua: 20663

Nombre de la masa de agua: EMBALSE DE ZAFRA

Localidad: Zafra

Provincia: Badajoz

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Huso: 29

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Estroncio	mg/L	< 0,5000	< 0,5000	---	---	< 0,5000	---	---	< 0,5000	---	---	< 0,5000	---
Etil-Paratión	µg/L	< 0,05	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,020	---
Fenantreno	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---
Fenoles	mg/L	< 0,01	< 0,01	---	---	< 0,01	---	---	< 0,01	---	---	< 0,010	---
Fluoranteno	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---
Fluoreno	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---
Fluoruros	mg/L	0,11	0,11	---	---	0,12	---	---	0,14	---	---	0,14	---
Fosfatos	mg/L	< 0,05	0,35	---	---	< 0,05	---	---	< 0,05	---	---	0,05	---
Fósforo total	mg/L	0,1994	0,1739	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---
Heptacloro	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
Heptacloro epóxido	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
Hexaclorobenceno	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
Hidróxidos	mg/L	< 0,1	< 0,1	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1	---
Hierro	mg/L	< 0,1000	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	0,1588	---
Imazalil	µg/L	< 0,08	< 0,08	---	---	< 0,08	---	---	< 0,08	---	---	< 0,050	---
Indeno(1,2,3-cd)Pireno	µg/L	< 0,05	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05	---
Investigación de Salmonella s: n 1000 n		Ausente	Ausente	---	---	Ausente	---	---	Ausente	---	---	Ausente	---
Isodrin	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
Isoproturon	µg/L	< 0,08	< 0,08	---	---	< 0,08	---	---	< 0,08	---	---	< 0,020	---
Lindano	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
Magnesio	mg/L	6,1360	8,2340	---	---	9,4070	---	---	10,3600	---	---	10,1500	---
Malatión	µg/L	< 0,05	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,050	---
Manganeso	mg/L	< 0,1000	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---
Materias suspensión a 110°C	mg/L	< 10	< 10	---	---	12	---	---	< 10	---	---	13	---
Mercurio	mg/L	< 0,000050	< 0,000050	---	---	< 0,000050	---	---	0,000112	---	---	< 0,000050	---
Metil Paratión	µg/L	< 0,05	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,020	---
Metilclorpirifos	µg/L	< 0,05	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,020	---
Metolaclor	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
Molinate	µg/L	< 0,06	< 0,06	---	---	< 0,06	---	---	< 0,06	---	---	< 0,020	---



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Resultados de análisis por punto de control

Página: 4

Código: GN00000330

Nombre del punto: RIVERA DEL PLAYON - E. Zafra o Albuera de Castellar

Cauce: RIVERA DEL PLAYON

Código de la masa de agua: 20663

Nombre de la masa de agua: EMBALSE DE ZAFRA

Localidad: Zafra

Provincia: Badajoz

UTM X: 721732

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Huso: 29

		ENERO 25-01-2010	FEBRERO 09-02-2010	MARZO	ABRIL	MAYO 11-05-2010	JUNIO	JULIO	AGOSTO 24-08-2010	SEPTIEMBRE	OCTUBRE	NOVIEMBRE 29-11-2010	DICIEMBRE
Naftaleno	µg/L	---	---	---	---	---	---	---	---	---	---	< 2,50	---
Níquel	mg/L	< 0,0500	< 0,0500	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500	---
Nitratos	mg/L	13,4	11,5	---	---	< 1,0	---	---	< 1,0	---	---	1,2	---
Olor	-----	0	0	---	---	0	---	---	0	---	---	0	---
PAH	mg/L	< 0,00002	< 0,00002	---	---	< 0,00002	---	---	< 0,00002	---	---	< 0,00020	---
PCB 101	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
PCB 118	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
PCB 138	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
PCB 153	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
PCB 180	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
PCB 28	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
PCB 52	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
PCB's	µg/L	< 0,14	< 0,14	---	---	< 0,14	---	---	< 0,14	---	---	< 0,14	---
Pentaclorobenceno	µg/L	< 0,03	< 0,03	---	---	< 0,03	---	---	< 0,03	---	---	< 0,020	---
Pentaclorofenol	µg/L	< 0,06	< 0,06	---	---	---	---	---	---	---	---	---	---
pH	pH	8,0	8,1	---	---	8,8	---	---	8,5	---	---	8,2	---
Pireno	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---
Plaguicidas total	mg/L	< 0,00010	< 0,00010	---	---	< 0,00010	---	---	< 0,00010	---	---	< 0,00100	---
Plomo	µg/L	< 2,00	< 1,000	---	---	---	---	---	< 1,000	---	---	< 1,000	---
Plomo	mg/L	---	---	---	---	< 0,025000	---	---	---	---	---	---	---
Potasio	mg/L	3,0870	3,7420	---	---	2,1200	---	---	2,6210	---	---	2,5690	---
PP-DDD	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
PP-DDE	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
PP-DDT	µg/L	< 0,02	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020	---
Prometon	µg/L	< 0,06	< 0,06	---	---	< 0,06	---	---	< 0,06	---	---	< 0,050	---
Prometrin	µg/L	< 0,06	< 0,06	---	---	< 0,06	---	---	< 0,06	---	---	< 0,020	---
Propazina	µg/L	< 0,06	< 0,06	---	---	< 0,06	---	---	< 0,06	---	---	< 0,020	---
Recuento de Coliformes fecal UFC/100		19	< 10	---	---	< 10	---	---	< 10	---	---	191	---
Recuento de Coliformes totale UFC/100		650	430	---	---	280	---	---	30	---	---	500	---



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Recuento de Estreptococos fe UFC/100	29	< 10	---	---	10	---	---	< 10	---	---	107	---
Selenio $\mu\text{g/L}$	< 1,50	< 1,000	---	---	---	---	---	< 1,000	---	---	< 1,000	---
Selenio mg/L	---	---	---	---	< 0,025000	---	---	---	---	---	---	---
Sílice mg/L	9,8390	9,1960	---	---	< 0,5000	---	---	1,9510	---	---	6,0380	---
Simazina $\mu\text{g/L}$	< 0,06	< 0,06	---	---	< 0,06	---	---	< 0,06	---	---	< 0,020	---
Simetrín $\mu\text{g/L}$	< 0,06	< 0,06	---	---	< 0,06	---	---	< 0,06	---	---	< 0,020	---
Sodio mg/L	8,8150	10,3200	---	---	9,1360	---	---	10,0900	---	---	10,3400	---
Sulfatos mg/L	11,7	14,0	---	---	9,6	---	---	8,7	---	---	9,5	---
Terbutilazina $\mu\text{g/L}$	< 0,06	< 0,06	---	---	0,08	---	---	0,06	---	---	0,065	---
Terbutrín $\mu\text{g/L}$	< 0,06	< 0,06	---	---	< 0,06	---	---	< 0,06	---	---	< 0,020	---
Trifluralín $\mu\text{g/L}$	< 0,06	< 0,06	---	---	< 0,06	---	---	< 0,06	---	---	< 0,020	---