



Confederación Hidrográfica del Guadiana

Gestión de laboratorios

Informes

Report: R030412

Fecha: 26-12-2013

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	FEBRERO 11-02-2013	MARZO	ABRIL	MAYO 20-05-2013	JUNIO	JULIO	AGOSTO 19-08-2013	SEPTIEMBRE	OCTUBRE	NOVIEMBRE 19-11-2013	DICIEMBRE
% Oxígeno (in situ)	% SAT	---	101,0	---	---	111,8	---	---	112,0	---	---	40,0	---
Cloro residual total (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Color aparente (in situ)	----	---	---	---	---	---	---	---	---	---	---	---	---
Conductividad a 20 °C (in situ)	µS/cm	---	281	---	---	296	---	---	282	---	---	348	---
Nitritos (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Olor (in situ)	----	---	---	---	---	---	---	---	---	---	---	---	---
Oxígeno disuelto (in situ)	mg/L	---	10,8	---	---	10,2	---	---	8,2	---	---	3,9	---
pH (in situ)	pH	---	8,2	---	---	8,8	---	---	8,9	---	---	8,0	---
Temperatura del agua "in situ" (in situ)	°C	---	9,9	---	---	17,5	---	---	28,6	---	---	14,5	---
Acenafeno	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Agentes tensoactivos (aniónicos)	mg/L	---	< 0,1	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1	---
a-hch	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Alaclor	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Alcalinidad total	mg/L	---	137,8	---	---	138,4	---	---	136,5	---	---	159,3	---
Aldrin	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	---	0,06	---	---	< 0,05	---	---	< 0,05	---	---	0,73	---
Antraceno	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Arsénico	µg/L	---	1,032	---	---	1,160	---	---	---	---	---	1,489	---
Arsénico	mg/L	---	---	---	---	---	---	---	< 0,025000	---	---	---	---
Atraton	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
atrazina	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Bario	mg/L	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500	---
Benceno	µg/L	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---
Benzo(a)Antraceno	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Benzo(a,h)Antraceno (Dibenzo(a,h)antraceno)	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Benzo(a)Pireno	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---



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Resultados de análisis por punto de control

Página: 2

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	FEBRERO 11-02-2013	MARZO	ABRIL	MAYO 20-05-2013	JUNIO	JULIO	AGOSTO 19-08-2013	SEPTIEMBRE	OCTUBRE	NOVIEMBRE 19-11-2013	DICIEMBRE
Benzo(b)Fluoranteno	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Benzo(g,h,i)Perileno	µg/L	---	< 0,040	---	---	< 0,040	---	---	< 0,040	---	---	< 0,040	---
Benzo(k)Fluoranteno	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
b-hch	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Bicarbonatos	mg/L	---	137,8	---	---	125,6	---	---	128,4	---	---	159,3	---
Boro	mg/L	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---
Bromodichlorometano	µg/L	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---
Bromoformo	µg/L	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---
Cadmio	µg/L	---	< 1,000	---	---	< 1,000	---	---	---	---	---	< 0,100	---
Cadmio	mg/L	---	---	---	---	---	---	---	< 0,025000	---	---	---	---
Calcio	mg/L	---	41,1600	---	---	35,5000	---	---	33,9800	---	---	45,2800	---
Carbonatos	mg/L	---	< 0,1	---	---	12,8	---	---	8,1	---	---	< 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	---
Clorofenilos	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Clorobenceno	µg/L	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---
Cloroformo	µg/L	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---
Clorpirifos	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Cloruros	mg/L	---	11,1	---	---	7,7	---	---	9,0	---	---	11,7	---
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	---	13,9	---	---	8,1	---	---	< 5,0	---	---	7,3	---
Conductividad a 20 °C	µS/cm	---	290	---	---	267	---	---	267	---	---	401	---
Cromo	µg/L	---	< 2,000	---	---	< 2,000	---	---	---	---	---	< 1,000	---
Cromo	mg/L	---	---	---	---	---	---	---	< 0,025000	---	---	---	---
Criseno	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
D.B.O. 5d	mg/L	---	4,7	---	---	1,4	---	---	0,6	---	---	1,0	---
Desetilatrazina	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Desisopropilatrazina	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---



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

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d-hch	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Diazinon	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Dibromoclorometano	µg/L	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---
Diclorometano	µg/L	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---
Diédrín	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 (Índice de Permanganato)	mg/L	---	5,1	---	---	3,5	---	---	3,9	---	---	3,5	---
D.Q.O. 2h	mg/L	---	< 20	---	---	< 20	---	---	< 20	---	---	< 20	---
Dureza permanente	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Dureza temporal	mg/L	---	137,8	---	---	---	---	---	---	---	---	---	---
Dureza total	mg/L	---	135,8	---	---	126,0	---	---	129,2	---	---	161,0	---
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	---	---	< 1,00	---
Estroncio	mg/L	---	< 0,5000	---	---	< 0,5000	---	---	< 0,5000	---	---	< 0,5000	---
Etilbenceno	µg/L	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---
Etil-Paratión	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Fenantreno	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Fenoles	mg/L	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---
Fluoranteno	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Fluoreno	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Fluoruros	mg/L	---	0,12	---	---	0,11	---	---	0,13	---	---	0,18	---
Fosfatos	mg/L	---	0,21	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05	---
Fósforo total	mg/L	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---
Glifosato	µg/L	---	---	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---



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	FEBRERO 11-02-2013	MARZO	ABRIL	MAYO 20-05-2013	JUNIO	JULIO	AGOSTO 19-08-2013	SEPTIEMBRE	OCTUBRE	NOVIEMBRE 19-11-2013	DICIEMBRE
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	---	---	< 0,020	---
Hexaclorobutadieno	µg/L	---	< 2,50	---	---	< 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	---	---	0,1723	---
Imazalil	µg/L	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---
Indeno(1,2,3-cd)Pireno	µg/L	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---
Investigación de Salmonella sp.	-----	---	Salmonella no Detect	---	---	Salmonella no Detect	---	---	Salmonella no Detect	---	---	Salmonella no Detect	---
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	---	---	< 0,020	---
Magnesio	mg/L	---	7,9930	---	---	9,0480	---	---	10,7300	---	---	11,6100	---
Malatión	µg/L	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---
Manganeso	mg/L	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	0,1530	---
MCPA	µg/L	---	< 0,020	---	---	< 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	---	---	< 2,00	---
MTBE	µg/L	---	< 2,50	---	---	< 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	---	6,4	---	---	< 1,0	---	---	< 1,0	---	---	1,7	---
Olor	-----	---	0	---	---	0	---	---	0	---	---	0	---
Oxifluorfen	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---



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Página: 5

Código: GN00000330

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Cauce: RIVERA DEL PLAYON

Código de la masa de agua: 20663

Nombre de la masa de agua: EMBALSE DE ZAFRA

Localidad: Zafra

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o-xileno	µg/L	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---
PAH	mg/L	---	< 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	---
PCB's	µg/L	---	< 0,14	---	---	---	---	---	---	---	---	---	---
Pentaclorobenceno	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
pH	pH	---	7,9	---	---	8,5	---	---	8,5	---	---	7,9	---
Pireno	µg/L	---	< 0,010	---	---	< 0,010	---	---	< 0,010	---	---	< 0,010	---
Plaguicidas total	mg/L	---	< 0,00100	---	---	---	---	---	---	---	---	---	---
Plomo	µg/L	---	< 1,000	---	---	< 1,000	---	---	---	---	---	< 1,000	---
Plomo	mg/L	---	---	---	---	---	---	---	< 0,025000	---	---	---	---
Potasio	mg/L	---	3,1600	---	---	1,7080	---	---	2,1370	---	---	3,1250	---
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 fecales	UFC/100	---	< 10	---	---	< 10	---	---	31	---	---	< 10	---
Recuento de Coliformes totales	UFC/100	---	10	---	---	2400	---	---	4700	---	---	1500	---
Recuento de Estreptococos fecales	UFC/100	---	< 10	---	---	< 10	---	---	< 10	---	---	< 10	---
Selenio	µg/L	---	< 1,000	---	---	< 1,000	---	---	---	---	---	< 2,000	---
Selenio	mg/L	---	---	---	---	---	---	---	< 0,025000	---	---	---	---



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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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Sílice	mg/L	---	6,4890	---	---	5,6830	---	---	3,9780	---	---	6,1490	---
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	---	9,6380	---	---	7,5910	---	---	9,0390	---	---	10,3800	---
Sólidos en Suspensión	mg/L	---	< 10	---	---	< 10	---	---	< 10	---	---	< 10	---
Sulfatos	mg/L	---	11,1	---	---	8,3	---	---	5,5	---	---	8,9	---
Terbutilazina	µg/L	---	0,034	---	---	0,026	---	---	0,023	---	---	< 0,020	---
Terbutrín	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Tetracloroetileno (Percloroetileno)	µg/L	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---
Tetracloruro de Carbono	µg/L	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---
Tolueno	µg/L	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---
Tricloroetileno	µg/L	---	< 2,50	---	---	< 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	---	---	< 1,00	---
1,2-diclorobenceno	µg/L	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---
1,2-Dicloroetano	µg/L	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---
1,2,3-triclorobenceno	µg/L	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---
1,2,4-triclorobenceno	µg/L	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---
1,3-diclorobenceno	µg/L	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---
1,3,5-triclorobenceno	µg/L	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---
1,4-diclorobenceno	µg/L	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---