

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
	Fecha: 02-02-2016	Resultados de análisis por punto de control		Página: 1

Código: GN00000330	Nombre del punto: RIVERA DEL PLAYON - E. Zafra o Albueva 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 17-02-2015	MARZO	ABRIL	MAYO 11-05-2015	JUNIO	JULIO	AGOSTO 17-08-2015	SEPTIEMBRE	OCTUBRE	NOVIEMBRE 16-11-2015	DICIEMBRE
% Oxígeno (in situ)	% SAT	---	80,2	---	---	140,8	---	---	100,0	---	---	89,5	---
Cloro residual total (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Color aparente (in situ)	-----	---	---	---	---	---	---	---	---	---	---	---	---
Conductividad a 20 °C (in situ)	µS/cm	---	478	---	---	278	---	---	280	---	---	320	---
Nitritos (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Olor (in situ)	-----	---	---	---	---	---	---	---	---	---	---	---	---
Oxígeno disuelto (in situ)	mg/L	---	8,8	---	---	11,5	---	---	7,9	---	---	8,4	---
pH (in situ)	pH	---	7,3	---	---	8,3	---	---	8,4	---	---	7,4	---
Temperatura del agua "in situ" (in situ)	°C	---	9,1	---	---	23,0	---	---	24,3	---	---	16,5	---
Acenafeno	µg/L	---	---	---	---	< 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	---	153,8	---	---	122,6	---	---	115,2	---	---	137,9	---
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	---	0,30	---	---	< 0,05	---	---	< 0,05	---	---	0,34	---
Antraceno	µg/L	---	---	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Arsénico	µg/L	---	1,195	---	---	1,160	---	---	1,434	---	---	1,025	---
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	---
Benzo(a,h)Antraceno (Dibenzo(a,h)antraceno)	µg/L	---	---	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
	Fecha: 02-02-2016	Resultados de análisis por punto de control		Página: 2

Código: GN00000330	Nombre del punto: RIVERA DEL PLAYON - E. Zafra o Albueva 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 17-02-2015	MARZO	ABRIL	MAYO 11-05-2015	JUNIO	JULIO	AGOSTO 17-08-2015	SEPTIEMBRE	OCTUBRE	NOVIEMBRE 16-11-2015	DICIEMBRE
Benzo(a)Pireno	µg/L	---	---	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Benzo(b)Fluoranteno	µg/L	---	---	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Benzo(g,h,i)Perileno	µg/L	---	---	---	---	< 0,040	---	---	< 0,040	---	---	< 0,040	---
Benzo(k)Fluoranteno	µg/L	---	---	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
b-hch	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Bicarbonatos	mg/L	---	153,8	---	---	112,4	---	---	115,2	---	---	137,9	---
Boro	mg/L	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---
Bromodichlorometano	µg/L	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---
Bromoforno	µg/L	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---
Cadmio	µg/L	---	< 0,100	---	---	< 0,100	---	---	< 0,100	---	---	< 0,100	---
Calcio	mg/L	---	44,1200	---	---	31,5100	---	---	25,4000	---	---	40,3100	---
Carbonatos	mg/L	---	< 0,1	---	---	10,2	---	---	< 0,1	---	---	< 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	---
Clorfeninfos	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Clorobenceno	µg/L	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---
Cloroforno	µg/L	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---
Clorpirifos	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Cloruros	mg/L	---	11,6	---	---	12,3	---	---	14,3	---	---	16,3	---
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	---	12,1	---	---	8,0	---	---	15,2	---	---	11,7	---
Conductividad a 20 °C	µS/cm	---	316	---	---	259	---	---	249	---	---	325	---
Cromo	µg/L	---	< 5,000	---	---	< 5,000	---	---	< 5,000	---	---	< 5,000	---
Cryseno	µg/L	---	---	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
D.B.O. 5d	mg/L	---	1,4	---	---	3,8	---	---	2,4	---	---	1,6	---
Desetilatrazina	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Desisopropilatrazina	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
	Fecha: 02-02-2016	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	UTM X: 721732 UTM Y: 4257211 Huso: 29

		ENERO	FEBRERO 17-02-2015	MARZO	ABRIL	MAYO 11-05-2015	JUNIO	JULIO	AGOSTO 17-08-2015	SEPTIEMBRE	OCTUBRE	NOVIEMBRE 16-11-2015	DICIEMBRE
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	---
Dieldrín	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	---	4,6	---	---	4,0	---	---	7,3	---	---	5,5	---
D.Q.O. 2h	mg/L	---	< 20	---	---	< 20	---	---	20	---	---	< 20	---
Dureza total	mg/L	---	149,6	---	---	121,9	---	---	109,6	---	---	148,9	---
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	---
Fenoles	mg/L	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---
Fluoranteno	µg/L	---	---	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Fluoreno	µg/L	---	---	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Fluoruros	mg/L	---	0,13	---	---	0,12	---	---	0,13	---	---	0,11	---
Fosfatos	mg/L	---	< 0,05	---	---	< 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	---	---	< 0,050	---
Heptacloro	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
	Fecha: 02-02-2016	Resultados de análisis por punto de control		Página: 4

Código: GN00000330	Nombre del punto: RIVERA DEL PLAYON - E. Zafra o Albura 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 17-02-2015	MARZO	ABRIL	MAYO 11-05-2015	JUNIO	JULIO	AGOSTO 17-08-2015	SEPTIEMBRE	OCTUBRE	NOVIEMBRE 16-11-2015	DICIEMBRE
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	---	---	< 0,1000	---
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	---
Investigación de Salmonella Sp.	-----	---	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 (g-HCH)	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
Magnesio	mg/L	---	9,5300	---	---	10,4700	---	---	11,2000	---	---	11,6700	---
Malatión	µg/L	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---
Manganeso	mg/L	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---
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	---	2,7	---	---	< 1,0	---	---	< 1,0	---	---	4,5	---
Olor	-----	---	0	---	---	0	---	---	0	---	---	0	---
Oxifluorfen	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
	Fecha: 02-02-2016	Resultados de análisis por punto de control		Página: 5

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 17-02-2015	MARZO	ABRIL	MAYO 11-05-2015	JUNIO	JULIO	AGOSTO 17-08-2015	SEPTIEMBRE	OCTUBRE	NOVIEMBRE 16-11-2015	DICIEMBRE
o-xileno	µg/L	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---
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	---
Pentaclorobenceno	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
pH	pH	---	8,1	---	---	8,6	---	---	8,3	---	---	8,0	---
Pireno	µg/L	---	---	---	---	< 0,010	---	---	< 0,010	---	---	< 0,010	---
Plomo	µg/L	---	< 1,000	---	---	< 1,000	---	---	< 1,000	---	---	< 1,000	---
Potasio	mg/L	---	3,0360	---	---	2,9210	---	---	3,4040	---	---	4,2910	---
PP-DDD (4,4-DDD)	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
PP-DDE (4,4-DDE)	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---
PP-DDT (4,4-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	---	---	33000	---	---	---	---
Recuento de Coliformes totales	UFC/100	---	20	---	---	18000	---	---	22000	---	---	---	---
Recuento de Estreptococos fecales	UFC/100	---	< 10	---	---	< 10	---	---	< 10	---	---	---	---
Selenio	µg/L	---	< 2,000	---	---	< 2,000	---	---	< 2,000	---	---	< 1,000	---
Sílice	mg/L	---	8,6230	---	---	1,0120	---	---	2,9940	---	---	6,5660	---
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	---	10,6300	---	---	11,4100	---	---	13,4300	---	---	13,4100	---

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
	Fecha: 02-02-2016	Resultados de análisis por punto de control		Página: 6

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 17-02-2015	MARZO	ABRIL	MAYO 11-05-2015	JUNIO	JULIO	AGOSTO 17-08-2015	SEPTIEMBRE	OCTUBRE	NOVIEMBRE 16-11-2015	DICIEMBRE
Sólidos en Suspensión	mg/L	---	< 10	---	---	< 10	---	---	< 10	---	---	< 10	---
Sulfatos	mg/L	---	11,3	---	---	10,4	---	---	10,5	---	---	23,4	---
Terbutilazina	µg/L	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 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	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---
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	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---
1,3,5-triclorobenceno	µg/L	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---
1,4-diclorobenceno	µg/L	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---