



Confederación Hidrográfica del Guadiana

Gestión de laboratorios

Informes

Report: R030412

Fecha: 07-01-2015

Resultados de análisis por punto de control

Página: 1

Código: GN00000043

Nombre del punto: RIO GUADIANA - E.A. Benavides

Cauce: RIO GUADIANA

Código de la masa de agua: 14020

Nombre de la masa de agua: RIO GUADIANA VIII

Localidad: Badajoz

Provincia: Badajoz

UTM X: 666453

UTM Y: 4300049

Huso: 29

		ENERO 07-01-2014	FEBRERO 03-02-2014	MARZO 18-03-2014	ABRIL 01-04-2014	MAYO 13-05-2014	JUNIO 09-06-2014	JULIO 01-07-2014	AGOSTO 12-08-2014	SEPTIEMBRE 15-09-2014	OCTUBRE 06-10-2014	NOVIEMBRE 10-11-2014	DICIEMBRE 01-12-2014
% Oxígeno (in situ)	% SAT	---	---	---	---	---	---	---	75,4	66,7	69,8	84,9	85,7
Cloro residual total (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Color aparente (in situ)	-----	---	---	---	---	---	---	---	---	---	---	---	---
Conductividad a 20 °C (in situ)	µS/cm	---	---	---	---	---	---	---	591	627	598	758	444
Nitritos (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Olor (in situ)	-----	---	---	---	---	---	---	---	---	---	---	---	---
Oxígeno disuelto (in situ)	mg/L	---	---	---	---	---	---	---	6,3	5,6	6,1	8,4	8,8
pH (in situ)	pH	---	---	---	---	---	---	---	8,0	7,6	7,6	7,6	7,6
Temperatura del agua "in situ" (in situ)	°C	---	---	---	---	---	---	---	23,9	22,6	21,6	14,2	13,5
Acenafeno	µg/L	---	---	---	---	---	---	---	---	< 0,020	---	< 0,020	< 0,020
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	---	---	---	---	---	---	---	136,4	135,9	140,2	163,1	106,3
Aldrin	µg/L	---	---	---	---	---	---	---	< 0,020	< 0,020	---	< 0,020	< 0,020
Aluminio	mg/L	---	---	---	---	---	---	---	0,1087	< 0,1000	0,1361	0,1856	0,5674
Ametrin	µg/L	---	---	---	---	---	---	---	< 0,020	< 0,020	---	< 0,020	< 0,020
Amonio total	mg/L	---	---	---	---	---	---	---	0,22	0,30	0,65	0,50	0,30
Antraceno	µg/L	---	---	---	---	---	---	---	---	< 0,020	---	< 0,020	< 0,020
Arsénico	µg/L	---	---	---	---	---	---	---	4,892	4,890	5,563	5,328	---
Arsénico	mg/L	---	---	---	---	---	---	---	---	---	---	---	< 0,025000
Aspecto	-----	---	---	---	---	---	---	---	1	1	1	1	1
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	---	---	---	---	---	---	---	0,0620	0,0606	0,0829	0,0977	0,1826
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



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Resultados de análisis por punto de control

Página: 2

Código: GN00000043

Nombre del punto: RIO GUADIANA - E.A. Benavides

Cauce: RIO GUADIANA

Código de la masa de agua: 14020

Nombre de la masa de agua: RIO GUADIANA VIII

Localidad: Badajoz

Provincia: Badajoz

UTM X: 666453

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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	---	---	---	---	---	---	---	136,4	135,9	140,2	163,1	106,3
Boro	mg/L	---	---	---	---	---	---	---	< 0,1000	< 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	---
Cadmio	mg/L	---	---	---	---	---	---	---	---	---	---	---	< 0,025000
Calcio	mg/L	---	---	---	---	---	---	---	40,8700	42,6100	47,5400	58,4800	35,9800
Carbonatos	mg/L	---	---	---	---	---	---	---	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1
Cianuro Total	mg/L	---	---	---	---	---	---	---	< 0,010	< 0,010	< 0,010	< 0,010	< 0,010
Cinc	mg/L	---	---	---	---	---	---	---	< 0,1000	< 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
Clorpirinfos	µg/L	---	---	---	---	---	---	---	< 0,020	< 0,020	---	< 0,020	< 0,020
Cloruros	mg/L	---	---	---	---	---	---	---	51,8	59,8	63,3	84,5	41,8
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	---	---	---	---	---	---	---	15,3	20,0	14,1	17,8	54,0
Conductividad a 20 °C	µS/cm	---	---	---	---	---	---	---	504	546	552	702	406
Cromo	µg/L	---	---	---	---	---	---	---	< 5,000	< 5,000	< 5,000	< 5,000	---
Cromo	mg/L	---	---	---	---	---	---	---	---	---	---	---	< 0,025000
Cromo (VI)	mg/L	---	---	---	---	---	---	---	< 0,010	< 0,010	---	< 0,010	< 0,010
Criseno	µg/L	---	---	---	---	---	---	---	---	< 0,020	---	< 0,020	< 0,020



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Resultados de análisis por punto de control

Página: 3

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Cauce: RIO GUADIANA

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D.B.O. 5d	mg/L	---	---	---	---	---	---	---	3,2	2,8	1,8	2,2	2,8
Desetilazina	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	< 0,020
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	---	---	---	---	---	---	---	5,7	7,1	6,4	8,9	11,3
Dureza total	mg/L	---	---	---	---	---	---	---	185,6	189,8	201,5	243,6	148,7
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	< 0,1000
Estireno	µg/L	---	---	---	---	---	---	---	< 1,00	< 1,00	---	< 1,00	< 1,00
Estroncio	mg/L	---	---	---	---	---	---	---	< 0,5000	< 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	< 0,050
Fluoranteno	µg/L	---	---	---	---	---	---	---	---	< 0,020	---	< 0,020	< 0,020
Fluoreno	µg/L	---	---	---	---	---	---	---	---	< 0,020	---	< 0,020	< 0,020
Fluoruros	mg/L	---	---	---	---	---	---	---	0,15	0,24	0,22	0,28	0,20
Fosfatos	mg/L	---	---	---	---	---	---	---	0,26	0,56	0,38	0,42	0,55
Fósforo total	mg/L	---	---	---	---	---	---	---	0,1192	< 0,1000	0,1694	0,1982	0,2325



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Resultados de análisis por punto de control

Página: 4

Código: GN00000043

Nombre del punto: RIO GUADIANA - E.A. Benavides

Cauce: RIO GUADIANA

Código de la masa de agua: 14020

Nombre de la masa de agua: RIO GUADIANA VIII

Localidad: Badajoz

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Glifosato	µg/L	---	---	---	---	---	---	---	< 0,050	< 0,050	---	< 0,050	< 0,050
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	< 0,1
Hierro	mg/L	---	---	---	---	---	---	---	0,1889	< 0,1000	0,2394	0,2177	0,5220
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
Isodrin	µg/L	---	---	---	---	---	---	---	< 0,020	< 0,020	---	< 0,020	< 0,020
Isoproturon	µg/L	---	---	---	---	---	---	---	< 0,020	< 0,020	---	< 0,020	0,021
Lindano (g-HCH)	µg/L	---	---	---	---	---	---	---	< 0,020	< 0,020	---	< 0,020	< 0,020
Magnesio	mg/L	---	---	---	---	---	---	---	20,2500	20,2100	20,0600	23,6500	14,2600
Malatión	µg/L	---	---	---	---	---	---	---	< 0,050	< 0,050	---	< 0,050	< 0,050
Manganeso	mg/L	---	---	---	---	---	---	---	< 0,1000	< 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	< 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	---	---	---	---	---	---	---	0,087	0,044	---	0,145	0,076
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	< 0,0500
Nitratos	mg/L	---	---	---	---	---	---	---	2,3	3,7	7,4	15,8	6,3
Oxifluorfen	µg/L	---	---	---	---	---	---	---	< 0,020	< 0,020	---	< 0,020	< 0,020
Oxígeno disuelto	mg/L	---	---	---	---	---	---	---	6,7	6,9	7,3	9,3	9,5



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Cauce: RIO GUADIANA

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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	8,0	8,1	8,1	8,0
Pireno	µg/L	---	---	---	---	---	---	---	---	< 0,010	---	< 0,010	< 0,010
Plomo	µg/L	---	---	---	---	---	---	---	< 1,000	< 1,000	< 1,000	< 1,000	---
Plomo	mg/L	---	---	---	---	---	---	---	---	---	---	---	< 0,025000
Potasio	mg/L	---	---	---	---	---	---	---	5,0280	6,2050	6,8630	10,4000	7,6860
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 totales	UFC/100	---	---	---	---	---	---	---	76000	38000	43000	36000	49000
Selenio	µg/L	---	---	---	---	---	---	---	< 1,000	1,038	1,370	< 2,000	---
Selenio	mg/L	---	---	---	---	---	---	---	---	---	---	---	< 0,025000
Sílice	mg/L	---	---	---	---	---	---	---	1,4730	2,9180	8,6860	11,4800	12,4700
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	---	---	---	---	---	---	---	37,1200	33,5800	34,5800	45,4400	28,1500
Sólidos en Suspensión	mg/L	---	---	---	---	---	---	---	20	18	37	39	98



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Resultados de análisis por punto de control

Página: 6

Código: GN00000043

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Cauce: RIO GUADIANA

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Nombre de la masa de agua: RIO GUADIANA VIII

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		ENERO 07-01-2014	FEBRERO 03-02-2014	MARZO 18-03-2014	ABRIL 01-04-2014	MAYO 13-05-2014	JUNIO 09-06-2014	JULIO 01-07-2014	AGOSTO 12-08-2014	SEPTIEMBRE 15-09-2014	OCTUBRE 06-10-2014	NOVIEMBRE 10-11-2014	DICIEMBRE 01-12-2014
Sulfatos	mg/L	---	---	---	---	---	---	---	56,8	70,1	66,9	74,3	32,6
Terbutilazina	µg/L	---	---	---	---	---	---	---	0,086	0,054	---	0,056	0,035
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	---	< 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	---	---	---	---	---	---	---	< 2,50	< 2,50	---	< 1,00	< 1,00
1,3,5-triclorobenceno	µg/L	---	---	---	---	---	---	---	< 1,00	< 1,00	---	< 1,00	< 1,00
1,4-diclorobenceno	µg/L	---	---	---	---	---	---	---	< 2,50	< 2,50	---	< 1,00	< 1,00