



Confederación Hidrográfica del Guadiana

Gestión de laboratorios

Informes

Report: R030412

Fecha: 26-12-2013

Resultados de análisis por punto de control

Página: 1

Código: GN00000109

Nombre del punto: RIO GUADIANA - Cheles

Cauce: RIO GUADIANA

Código de la masa de agua: 20664

Nombre de la masa de agua: EMBALSE DE ALQUEVA

Localidad: Cheles

Provincia: Badajoz

UTM X: 648225

UTM Y: 4265553

Huso: 29

		ENERO	FEBRERO	MARZO	ABRIL 02-04-2013	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE 07-10-2013	NOVIEMBRE	DICIEMBRE
% Oxígeno (in situ)	% SAT	---	---	---	89,6	---	---	---	---	---	68,1	---	---
Cloro residual total (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Color aparente (in situ)	----	---	---	---	---	---	---	---	---	---	---	---	---
Conductividad a 20 °C (in situ)	µS/cm	---	---	---	252	---	---	---	---	---	465	---	---
Nitritos (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Olor (in situ)	----	---	---	---	---	---	---	---	---	---	---	---	---
Oxígeno disuelto (in situ)	mg/L	---	---	---	8,5	---	---	---	---	---	5,9	---	---
pH (in situ)	pH	---	---	---	7,6	---	---	---	---	---	8,3	---	---
Temperatura del agua "in situ" (in situ)	°C	---	---	---	16,0	---	---	---	---	---	22,2	---	---
Acenafeno	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Agentes tensoactivos (aniónicos)	mg/L	---	---	---	< 0,1	---	---	---	---	---	< 0,1	---	---
a-hch	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Alaclor	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Alcalinidad total	mg/L	---	---	---	81,9	---	---	---	---	---	111,5	---	---
Aldrin	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Aluminio	mg/L	---	---	---	0,1137	---	---	---	---	---	< 0,1000	---	---
Ametrin	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Amonio total	mg/L	---	---	---	0,07	---	---	---	---	---	< 0,05	---	---
Antraceno	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Arsénico	µg/L	---	---	---	4,693	---	---	---	---	---	---	---	---
Arsénico	mg/L	---	---	---	---	---	---	---	---	---	< 0,025000	---	---
Atraton	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
atrazina	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Bario	mg/L	---	---	---	< 0,0500	---	---	---	---	---	< 0,0500	---	---
Benceno	µg/L	---	---	---	< 1,00	---	---	---	---	---	< 1,00	---	---
Benzo(a)Antraceno	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Benzo(a,h)Antraceno (Dibenzo(a,h)antraceno)	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Benzo(a)Pireno	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---



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Benzo(b)Fluoranteno	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Benzo(g,h,i)Perileno	µg/L	---	---	---	< 0,040	---	---	---	---	---	< 0,040	---	---
Benzo(k)Fluoranteno	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
b-hch	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Bicarbonatos	mg/L	---	---	---	81,9	---	---	---	---	---	111,5	---	---
Boro	mg/L	---	---	---	< 0,1000	---	---	---	---	---	< 0,1000	---	---
Bromodlorometano	µg/L	---	---	---	< 1,00	---	---	---	---	---	< 1,00	---	---
Bromof ormo	µg/L	---	---	---	< 1,00	---	---	---	---	---	< 1,00	---	---
Cadmio	µg/L	---	---	---	< 1,000	---	---	---	---	---	---	---	---
Cadmio	mg/L	---	---	---	---	---	---	---	---	---	< 0,025000	---	---
Calcio	mg/L	---	---	---	20,2000	---	---	---	---	---	33,4400	---	---
Carbonatos	mg/L	---	---	---	< 0,1	---	---	---	---	---	< 0,1	---	---
Cianuro Total	mg/L	---	---	---	< 0,010	---	---	---	---	---	< 0,010	---	---
Cinc	mg/L	---	---	---	< 0,1000	---	---	---	---	---	< 0,1000	---	---
Clorf env inf os	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Clorobenceno	µg/L	---	---	---	< 1,00	---	---	---	---	---	< 1,00	---	---
Clorf ormo	µg/L	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---	---
Clorpirif os	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Cloruros	mg/L	---	---	---	22,0	---	---	---	---	---	45,5	---	---
Cobalto	mg/L	---	---	---	< 0,0500	---	---	---	---	---	< 0,0500	---	---
Cobre	mg/L	---	---	---	< 0,1000	---	---	---	---	---	< 0,1000	---	---
Color	mg/L	---	---	---	40,9	---	---	---	---	---	8,3	---	---
Conductividad a 20 °C	µS/cm	---	---	---	303	---	---	---	---	---	432	---	---
Cromo	µg/L	---	---	---	< 2,000	---	---	---	---	---	---	---	---
Cromo	mg/L	---	---	---	---	---	---	---	---	---	< 0,025000	---	---
Cry seno	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
D.B.O. 5d	mg/L	---	---	---	2,0	---	---	---	---	---	1,0	---	---
Desetilatrazina	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Desisopropilatrazina	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---



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d-hch	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Diazinon	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Dibromoclorometano	µg/L	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---	---
Diclorometano	µg/L	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---	---
Diédrín	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Diuron	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
D.Q.O. 10min (Índice de Permanganato)	mg/L	---	---	---	7,4	---	---	---	---	---	4,6	---	---
D.Q.O. 2h	mg/L	---	---	---	< 20	---	---	---	---	---	< 20	---	---
Dureza permanente	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Dureza temporal	mg/L	---	---	---	81,9	---	---	---	---	---	---	---	---
Dureza total	mg/L	---	---	---	90,6	---	---	---	---	---	151,7	---	---
Endosulfán I	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Endosulfán II	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Endosulfán Sulfato	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Endrín	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Endrín Aldehído	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Estaño	mg/L	---	---	---	< 0,1000	---	---	---	---	---	< 0,1000	---	---
Estireno	µg/L	---	---	---	< 1,00	---	---	---	---	---	< 1,00	---	---
Estroncio	mg/L	---	---	---	< 0,5000	---	---	---	---	---	< 0,5000	---	---
Etilbenceno	µg/L	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---	---
Etil-Paratión	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Fenantreno	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Fenoles	mg/L	---	---	---	< 0,050	---	---	---	---	---	< 0,050	---	---
Fluoranteno	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Fluoreno	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Fluoruros	mg/L	---	---	---	0,16	---	---	---	---	---	0,22	---	---
Fosfatos	mg/L	---	---	---	0,31	---	---	---	---	---	0,07	---	---
Fósforo total	mg/L	---	---	---	0,1472	---	---	---	---	---	< 0,1000	---	---
Glifosato	µg/L	---	---	---	---	---	---	---	---	---	< 0,050	---	---



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Heptacloro	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Heptacloro epóxido	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Hexaclorobenceno	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Hexaclorobutadieno	µg/L	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---	---
Hidróxidos	mg/L	---	---	---	< 0,1	---	---	---	---	---	< 0,1	---	---
Hierro	mg/L	---	---	---	0,2788	---	---	---	---	---	< 0,1000	---	---
Imazalil	µg/L	---	---	---	< 0,050	---	---	---	---	---	< 0,050	---	---
Indeno(1,2,3-cd)Pireno	µg/L	---	---	---	< 0,050	---	---	---	---	---	< 0,050	---	---
Investigación de Salmonella sp.	-----	---	---	---	Salmonella no detect	---	---	---	---	---	Salmonella no Detect	---	---
Isodrin	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Isoproturon	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Lindano	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Magnesio	mg/L	---	---	---	9,7270	---	---	---	---	---	16,5400	---	---
Malatión	µg/L	---	---	---	< 0,050	---	---	---	---	---	< 0,050	---	---
Manganeso	mg/L	---	---	---	< 0,1000	---	---	---	---	---	< 0,1000	---	---
MCPA	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Mercurio	mg/L	---	---	---	< 0,000050	---	---	---	---	---	< 0,000050	---	---
Metil Paratión	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Metilclorpirif os	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Metolaclor	µg/L	---	---	---	< 0,020	---	---	---	---	---	0,041	---	---
Molinate	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
m,p-xileno	µg/L	---	---	---	< 2,00	---	---	---	---	---	< 2,00	---	---
MTBE	µg/L	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---	---
Naf taleno	µg/L	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---	---
Níquel	mg/L	---	---	---	< 0,0500	---	---	---	---	---	< 0,0500	---	---
Nitratos	mg/L	---	---	---	3,4	---	---	---	---	---	< 1,0	---	---
Olor	-----	---	---	---	0	---	---	---	---	---	0	---	---
Oxif luor en	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---



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o-xileno	µg/L	---	---	---	< 1,00	---	---	---	---	---	< 1,00	---	---
PAH	mg/L	---	---	---	< 0,00020	---	---	---	---	---	---	---	---
PCB 101	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
PCB 118	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
PCB 138	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
PCB 153	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
PCB 180	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
PCB 28	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
PCB 52	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
PCB's	µg/L	---	---	---	< 0,14	---	---	---	---	---	---	---	---
Pentaclorobenceno	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
pH	pH	---	---	---	7,6	---	---	---	---	---	7,9	---	---
Pireno	µg/L	---	---	---	< 0,010	---	---	---	---	---	< 0,010	---	---
Plaguicidas total	mg/L	---	---	---	< 0,00100	---	---	---	---	---	---	---	---
Plomo	µg/L	---	---	---	1,046	---	---	---	---	---	---	---	---
Plomo	mg/L	---	---	---	---	---	---	---	---	---	< 0,025000	---	---
Potasio	mg/L	---	---	---	3,7510	---	---	---	---	---	4,6540	---	---
PP-DDD	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
PP-DDE	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
PP-DDT	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Prometon	µg/L	---	---	---	< 0,050	---	---	---	---	---	< 0,050	---	---
Prometrin	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Propazina	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Recuento de Coliformes fecales	UFC/100	---	---	---	180	---	---	---	---	---	< 10	---	---
Recuento de Coliformes totales	UFC/100	---	---	---	6100	---	---	---	---	---	300000	---	---
Recuento de Estreptococos fecales	UFC/100	---	---	---	126	---	---	---	---	---	< 10	---	---
Selenio	µg/L	---	---	---	< 1,000	---	---	---	---	---	---	---	---
Selenio	mg/L	---	---	---	---	---	---	---	---	---	< 0,025000	---	---



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Resultados de análisis por punto de control

Página: 6

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Sílice	mg/L	---	---	---	7,2130	---	---	---	---	---	< 0,8560	---	---
Simazina	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Simetrín	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Sodio	mg/L	---	---	---	17,0600	---	---	---	---	---	26,8800	---	---
Sólidos en Suspensión	mg/L	---	---	---	19	---	---	---	---	---	< 10	---	---
Sulfatos	mg/L	---	---	---	24,7	---	---	---	---	---	55,6	---	---
Terbutilazina	µg/L	---	---	---	< 0,020	---	---	---	---	---	0,145	---	---
Terbutrín	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
Tetracloroetileno (Percloroetileno)	µg/L	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---	---
Tetracloruro de Carbono	µg/L	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---	---
Tolueno	µg/L	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---	---
Tricloroetileno	µg/L	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---	---
Trifluralín	µg/L	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---	---
1,1,1-tricloroetano	µg/L	---	---	---	< 1,00	---	---	---	---	---	< 1,00	---	---
1,2-diclorobenceno	µg/L	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---	---
1,2-Dicloroetano	µg/L	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---	---
1,2,3-triclorobenceno	µg/L	---	---	---	< 1,00	---	---	---	---	---	< 1,00	---	---
1,2,4-triclorobenceno	µg/L	---	---	---	< 1,00	---	---	---	---	---	< 1,00	---	---
1,3-diclorobenceno	µg/L	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---	---
1,3,5-triclorobenceno	µg/L	---	---	---	< 1,00	---	---	---	---	---	< 1,00	---	---
1,4-diclorobenceno	µg/L	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---	---