



Confederación Hidrográfica del Guadiana

Gestión de laboratorios

Informes

Report: R030412

Fecha: 05-01-2012

Resultados de análisis por punto de control

Página: 1

Código: GN00000068

Nombre del punto: RIO OLIVENZA - E. Piedra Aguda - Olivenza

Cauce: RIO OLIVENZA

Código de la masa de agua: 20638

Nombre de la masa de agua: EMBALSE DE PIEDRA AGUDA

Localidad: Olivenza

Provincia: Badajoz

UTM X: 672155

UTM Y: 4284120

Huso: 29

		ENERO	FEBRERO	MARZO 02-03-2011	ABRIL	MAYO	JUNIO 20-06-2011	JULIO	AGOSTO	SEPTIEMBRE 21-09-2011	OCTUBRE	NOVIEMBRE	DICIEMBRE 18-12-2011
Acenaf teno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,010
Agentes tensoactivos (aniónico)	mg/L	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1
a-hch	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,010
Alaclor	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Alcalinidad total	mg/L	---	---	102,5	---	---	121,3	---	---	99,9	---	---	120,6
Aldrín	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	---	---	< 0,05	---	---	0,05	---	---	< 0,05	---	---	0,98
Antraceno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,010
Arsénico	µg/L	---	---	---	---	---	---	---	---	7,274	---	---	3,695
Arsénico	mg/L	---	---	< 0,025000	---	---	< 0,025000	---	---	---	---	---	---
Atraton	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Atrazina	µg/L	---	---	---	---	---	< 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
Benzo(a)Antraceno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,010
Benzo(a,h)Antraceno	µg/L	---	---	< 0,08	---	---	< 0,08	---	---	< 0,08	---	---	< 0,020
Benzo(a)Pireno	µg/L	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,020
Benzo(b)Fluoranteno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020
Benzo(g,h,l)Perileno	µg/L	---	---	< 0,06	---	---	< 0,06	---	---	< 0,06	---	---	< 0,040
Benzo(k)Fluoranteno	µg/L	---	---	< 0,03	---	---	< 0,03	---	---	< 0,03	---	---	< 0,010
b-hch	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,010
Bicarbonatos	mg/L	---	---	102,5	---	---	108,6	---	---	84,2	---	---	120,6
Boro	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Bromodiclorometano	µg/L	---	---	---	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
Bromof ormo	µg/L	---	---	---	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
Cadmio	µg/L	---	---	---	---	---	---	---	---	< 1,000	---	---	< 1,000



Confederación Hidrográfica del Guadiana

Gestión de laboratorios

Informes

Report: R030412

Fecha: 05-01-2012

Resultados de análisis por punto de control

Página: 2

Código: GN00000068

Nombre del punto: RIO OLIVENZA - E. Piedra Aguda - Olivenza

Cauce: RIO OLIVENZA

Código de la masa de agua: 20638

Nombre de la masa de agua: EMBALSE DE PIEDRA AGUDA

Localidad: Olivenza

Provincia: Badajoz

UTM X: 672155

UTM Y: 4284120

Huso: 29

		ENERO	FEBRERO	MARZO 02-03-2011	ABRIL	MAYO	JUNIO 20-06-2011	JULIO	AGOSTO	SEPTIEMBRE 21-09-2011	OCTUBRE	NOVIEMBRE	DICIEMBRE 18-12-2011
Cadmio	mg/L	---	---	< 0,025000	---	---	< 0,025000	---	---	---	---	---	---
Calcio	mg/L	---	---	23,3100	---	---	24,6700	---	---	19,5800	---	---	22,2400
Carbonatos	mg/L	---	---	< 0,1	---	---	12,7	---	---	15,7	---	---	< 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
Clorobenceno	µg/L	---	---	---	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
Clorofenol	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Clorpirifos	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Cloruros	mg/L	---	---	16,6	---	---	18,6	---	---	23,4	---	---	19,0
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	---	---	26,5	---	---	18,2	---	---	21,4	---	---	14,0
Conductividad	µS/cm	---	---	254	---	---	285	---	---	251	---	---	289
Cromo	µg/L	---	---	---	---	---	---	---	---	< 2,000	---	---	< 2,000
Cromo	mg/L	---	---	< 0,025000	---	---	< 0,025000	---	---	---	---	---	---
Criseno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,010
D.B.O. 5d	mg/L	---	---	2,9	---	---	2,7	---	---	3,4	---	---	5,1
Desetilatrazina	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	---	---	< 0,010
Diazinon	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Dibromoclorometano	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Diclorometano	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Dieldrin	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	mg/L	---	---	8,4	---	---	7,5	---	---	16,0	---	---	8,0
D.Q.O. 2h	mg/L	---	---	21	---	---	< 20	---	---	50	---	---	< 20
Dureza permanente	mg/L	---	---	< 0,1	---	---	< 0,1	---	---	9,5	---	---	---



Confederación Hidrográfica del Guadiana

Gestión de laboratorios

Informes

Report: R030412

Fecha: 05-01-2012

Resultados de análisis por punto de control

Página: 3

Código: GN00000068

Nombre del punto: RIO OLIVENZA - E. Piedra Aguda - Olivenza

Cauce: RIO OLIVENZA

Código de la masa de agua: 20638

Nombre de la masa de agua: EMBALSE DE PIEDRA AGUDA

Localidad: Olivenza

Provincia: Badajoz

UTM X: 672155

UTM Y: 4284120

Huso: 29

		ENERO	FEBRERO	MARZO 02-03-2011	ABRIL	MAYO	JUNIO 20-06-2011	JULIO	AGOSTO	SEPTIEMBRE 21-09-2011	OCTUBRE	NOVIEMBRE	DICIEMBRE 18-12-2011
Dureza temporal	mg/L	---	---	100,6	---	---	114,6	---	---	99,9	---	---	120,6
Dureza total	mg/L	---	---	100,6	---	---	114,6	---	---	109,4	---	---	110,1
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
Estroncio	mg/L	---	---	< 0,5000	---	---	< 0,5000	---	---	< 0,5000	---	---	< 0,5000
Etilbenceno	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Etil-Paratión	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Fenantreno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,010
Fenoles	mg/L	---	---	< 0,010	---	---	< 0,010	---	---	< 0,050	---	---	< 0,050
Fluoranteno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,010
Fluoreno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,020
Fluoruros	mg/L	---	---	0,16	---	---	0,16	---	---	0,19	---	---	0,19
Fosfatos	mg/L	---	---	0,08	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05
Fósforo total	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
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	---	---	< 0,010
Hexaclorobutadieno	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Hidróxidos	mg/L	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1
Hierro	mg/L	---	---	0,1277	---	---	< 0,1000	---	---	< 0,1000	---	---	0,1887
Imazalil	µg/L	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050
Indeno(1,2,3-cd)Pireno	µg/L	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,050
Investigación de Salmonella sp	-----	---	---	Ausente en 1000 mL	---	---	Ausente en 1000 mL	---	---	Ausente en 1000 mL	---	---	Salmonella no Detect



Código: GN00000068

Nombre del punto: RIO OLIVENZA - E. Piedra Aguda - Olivenza

Cauce: RIO OLIVENZA

Código de la masa de agua: 20638

Nombre de la masa de agua: EMBALSE DE PIEDRA AGUDA

Localidad: Olivenza

Provincia: Badajoz

UTM X: 672155

UTM Y: 4284120

Huso: 29

		ENERO	FEBRERO	MARZO 02-03-2011	ABRIL	MAYO	JUNIO 20-06-2011	JULIO	AGOSTO	SEPTIEMBRE 21-09-2011	OCTUBRE	NOVIEMBRE	DICIEMBRE 18-12-2011
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	---	---	< 0,010
Magnesio	mg/L	---	---	10,2800	---	---	12,8500	---	---	14,6800	---	---	13,2400
Malatión	µg/L	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050
Manganeso	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Materias suspensión a 110°C	mg/L	---	---	< 10	---	---	< 10	---	---	16	---	---	---
MCPA	µg/L	---	---	---	---	---	< 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
MTBE	µg/L	---	---	---	---	---	< 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	---	---	4,3	---	---	< 1,0	---	---	< 1,0	---	---	2,6
Olor	-----	---	---	0	---	---	0	---	---	0	---	---	0
Oxifluorfen	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020
o-xileno	µg/L	---	---	---	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
PAH	mg/L	---	---	< 0,00020	---	---	< 0,00020	---	---	< 0,00020	---	---	< 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



Código: GN00000068

Nombre del punto: RIO OLIVENZA - E. Piedra Aguda - Olivenza

Cauce: RIO OLIVENZA

Código de la masa de agua: 20638

Nombre de la masa de agua: EMBALSE DE PIEDRA AGUDA

Localidad: Olivenza

Provincia: Badajoz

UTM X: 672155

UTM Y: 4284120

Huso: 29

		ENERO	FEBRERO	MARZO 02-03-2011	ABRIL	MAYO	JUNIO 20-06-2011	JULIO	AGOSTO	SEPTIEMBRE 21-09-2011	OCTUBRE	NOVIEMBRE	DICIEMBRE 18-12-2011
PCB's	µg/L	---	---	< 0,14	---	---	< 0,14	---	---	< 0,14	---	---	< 0,14
Pentaclorobenceno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,010
pH	pH	---	---	8,3	---	---	8,9	---	---	9,1	---	---	7,8
Pireno	µg/L	---	---	< 0,02	---	---	< 0,02	---	---	< 0,02	---	---	< 0,010
Plaguicidas total	mg/L	---	---	< 0,00100	---	---	< 0,00100	---	---	< 0,00100	---	---	< 0,00100
Plomo	µg/L	---	---	---	---	---	---	---	---	< 1,000	---	---	< 1,000
Plomo	mg/L	---	---	< 0,025000	---	---	< 0,025000	---	---	---	---	---	---
Potasio	mg/L	---	---	3,0680	---	---	2,8820	---	---	3,3900	---	---	3,1170
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 fecal UFC/100		---	---	---	---	---	< 10	---	---	< 10	---	---	< 10
Recuento de Coliformes totale UFC/100		---	---	---	---	---	1300	---	---	< 10	---	---	40
Recuento de Estreptococos fe UFC/100		---	---	< 10	---	---	30	---	---	< 10	---	---	< 10
Selenio	µg/L	---	---	---	---	---	---	---	---	< 1,000	---	---	< 1,000
Selenio	mg/L	---	---	< 0,025000	---	---	< 0,025000	---	---	---	---	---	---
Sílice	mg/L	---	---	8,2660	---	---	5,3840	---	---	4,5960	---	---	5,7780
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	---	---	11,7200	---	---	13,6600	---	---	17,7600	---	---	14,2100
Sólidos en Suspensión	mg/L	---	---	---	---	---	---	---	---	---	---	---	< 10
Sulfatos	mg/L	---	---	8,0	---	---	8,2	---	---	6,0	---	---	5,5
Terbutilazina	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,010
Terbutrín	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Tetracloroetileno (Percloroetiler	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Tetracloruro de Carbono	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50



Confederación Hidrográfica del Guadiana

Gestión de laboratorios

Informes

Report: R030412

Fecha: 05-01-2012

Resultados de análisis por punto de control

Página: 6

Código: GN00000068

Nombre del punto: RIO OLIVENZA - E. Piedra Aguda - Olivenza

Cauce: RIO OLIVENZA

Código de la masa de agua: 20638

Nombre de la masa de agua: EMBALSE DE PIEDRA AGUDA

Localidad: Olivenza

Provincia: Badajoz

UTM X: 672155

UTM Y: 4284120

Huso: 29

		ENERO	FEBRERO	MARZO 02-03-2011	ABRIL	MAYO	JUNIO 20-06-2011	JULIO	AGOSTO	SEPTIEMBRE 21-09-2011	OCTUBRE	NOVIEMBRE	DICIEMBRE 18-12-2011
Tolueno	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Tricloroetileno	µg/L	---	---	---	---	---	< 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
1,2-diclorobenceno	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
1,2-Dicloroetano	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
1,2,3-triclorobenceno	µg/L	---	---	---	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
1,2,4-triclorobenceno	µg/L	---	---	---	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
1,3-diclorobenceno	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
1,3,5-triclorobenceno	µg/L	---	---	---	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
1,4-diclorobenceno	µg/L	---	---	---	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50