Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
Fecha: 28-01-2014	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 05-03-2013	ABRIL	MAYO	JUNIO 18-06-2013	JULIO	AGOSTO	SEPTIEMBRE 10-09-2013	OCTUBRE	NOVIEMBRE	DICIEMBRE 10-12-2013
% Oxígeno (in situ)	% SAT	---	---	79,3	---	---	95,9	---	---	66,8	---	---	43,3
Cloro residual total (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Color aparente (in situ)	-----	---	---	---	---	---	---	---	---	---	---	---	---
Conductividad a 20 ºC (in situ)	µS/cm	---	---	276	---	---	247	---	---	253	---	---	314
Nitritos (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Olor (in situ)	-----	---	---	---	---	---	---	---	---	---	---	---	---
Oxígeno disuelto (in situ)	mg/L	---	---	7,8	---	---	8,3	---	---	5,6	---	---	4,9
pH (in situ)	pH	---	---	7,7	---	---	9,3	---	---	9,1	---	---	8,0
Temperatura del agua "in situ" (in situ)	ºC	---	---	11,7	---	---	21,0	---	---	23,6	---	---	9,6
Acenafteno	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	---	---	108,1	---	---	113,4	---	---	121,8	---	---	133,2
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	---	---	0,06	---	---	0,08	---	---	< 0,05	---	---	1,19
Antraceno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Arsénico	µg/L	---	---	---	---	---	4,349	---	---	---	---	---	4,049
Arsénico	mg/L	---	---	< 0,025000	---	---	---	---	---	< 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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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 05-03-2013	ABRIL	MAYO	JUNIO 18-06-2013	JULIO	AGOSTO	SEPTIEMBRE 10-09-2013	OCTUBRE	NOVIEMBRE	DICIEMBRE 10-12-2013
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	---	---	108,1	---	---	100,0	---	---	111,9	---	---	133,2
Boro	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Bromodiclorometano	µg/L	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
Bromoformo	µg/L	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
Cadmio	µg/L	---	---	---	---	---	< 0,100	---	---	---	---	---	< 0,100
Cadmio	mg/L	---	---	< 0,025000	---	---	---	---	---	< 0,025000	---	---	---
Calcio	mg/L	---	---	27,8400	---	---	25,0900	---	---	22,7800	---	---	24,3100
Carbonatos	mg/L	---	---	< 0,1	---	---	13,4	---	---	9,9	---	---	< 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
Clorfenvinfos	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	---	---	19,9	---	---	16,4	---	---	17,0	---	---	14,9
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	---	---	24,0	---	---	26,2	---	---	18,5	---	---	16,2
Conductividad a 20 ºC	µS/cm	---	---	278	---	---	249	---	---	279	---	---	277
Cromo	µg/L	---	---	---	---	---	< 1,000	---	---	---	---	---	< 1,000
Cromo	mg/L	---	---	< 0,025000	---	---	---	---	---	< 0,025000	---	---	---
Criseno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
D.B.O. 5d	mg/L	---	---	1,4	---	---	1,5	---	---	5,2	---	---	2,3
Desetilatrazina	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Desisopropilatrazina	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020

Código: GN00000068 **Nombre del punto:** RIO OLIVENZA - E. Piedra Aguda - Olivenza **Cauce:** RIO OLIVENZA

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Localidad: Olivenza **Provincia:** Badajoz **UTM X:** 672155 **UTM Y:** 4284120 **Huso:** 29

		ENERO	FEBRERO	MARZO 05-03-2013	ABRIL	MAYO	JUNIO 18-06-2013	JULIO	AGOSTO	SEPTIEMBRE 10-09-2013	OCTUBRE	NOVIEMBRE	DICIEMBRE 10-12-2013
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	---	---	9,3	---	---	10,5	---	---	7,6	---	---	7,4
D.Q.O. 2h	mg/L	---	---	21	---	---	< 20	---	---	32	---	---	< 20
Dureza permanente	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Dureza temporal	mg/L	---	---	108,1	---	---	---	---	---	---	---	---	---
Dureza total	mg/L	---	---	127,3	---	---	112,8	---	---	111,5	---	---	115,0
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 Aldehido	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	---	---	0,15	---	---	0,13	---	---	0,16	---	---	0,11
Fosfatos	mg/L	---	---	0,18	---	---	< 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

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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 05-03-2013	ABRIL	MAYO	JUNIO 18-06-2013	JULIO	AGOSTO	SEPTIEMBRE 10-09-2013	OCTUBRE	NOVIEMBRE	DICIEMBRE 10-12-2013
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	---	---	0,1253	---	---	< 0,1000	---	---	< 0,1000	---	---	0,1956
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
Isodrín	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	---	---	14,0100	---	---	12,1500	---	---	13,2500	---	---	13,1700
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	---	---	5,1	---	---	< 1,0	---	---	< 1,0	---	---	< 1,0
Olor	-----	---	---	0	---	---	0	---	---	0	---	---	0
Oxifluorfen	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020

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Localidad: Olivenza **Provincia:** Badajoz **UTM X:** 672155 **UTM Y:** 4284120 **Huso:** 29

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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	---	---	7,7	---	---	9,1	---	---	8,4	---	---	7,5
Pireno	µg/L	---	---	0,030	---	---	< 0,010	---	---	< 0,010	---	---	< 0,010
Plaguicidas total	mg/L	---	---	< 0,00100	---	---	---	---	---	---	---	---	---
Plomo	µg/L	---	---	---	---	---	< 1,000	---	---	---	---	---	< 1,000
Plomo	mg/L	---	---	< 0,025000	---	---	---	---	---	< 0,025000	---	---	---
Potasio	mg/L	---	---	4,2150	---	---	3,1740	---	---	3,3990	---	---	3,5550
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	---	---	< 10	---	---	< 10
Recuento de Coliformes totales	UFC/100	---	---	< 10	---	---	12000	---	---	45000	---	---	4300
Recuento de Estreptococos fecales	UFC/100	---	---	< 10	---	---	< 10	---	---	18	---	---	< 10
Selenio	µg/L	---	---	---	---	---	< 2,000	---	---	---	---	---	< 2,000
Selenio	mg/L	---	---	< 0,025000	---	---	---	---	---	< 0,025000	---	---	---

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Localidad: Olivenza **Provincia:** Badajoz **UTM X:** 672155 **UTM Y:** 4284120 **Huso:** 29

		ENERO	FEBRERO	MARZO 05-03-2013	ABRIL	MAYO	JUNIO 18-06-2013	JULIO	AGOSTO	SEPTIEMBRE 10-09-2013	OCTUBRE	NOVIEMBRE	DICIEMBRE 10-12-2013
Sílice	mg/L	---	---	8,1100	---	---	< 0,8560	---	---	2,9520	---	---	5,3730
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	---	---	14,8800	---	---	11,6500	---	---	12,5100	---	---	12,2000
Sólidos en Suspensión	mg/L	---	---	< 10	---	---	< 10	---	---	16	---	---	< 10
Sulfatos	mg/L	---	---	10,9	---	---	9,5	---	---	8,6	---	---	5,5
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	---	---	< 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