



Código: GN00000110

Nombre del punto: ARROYO DE ZAOS - Oliva de la Frontera

Cauce: ARROYO DE ZAOS

Código de la masa de agua: 14040

Nombre de la masa de agua: ARROYO ZAOS

Localidad: Oliva de la Frontera

Provincia: Badajoz

UTM X: 680519

UTM Y: 4240858

Huso: 29

		ENERO	FEBRERO	MARZO	ABRIL	MAYO 02-05-2013	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE 18-11-2013	DICIEMBRE
% Oxígeno (in situ)	% SAT	---	---	---	---	93,0	---	---	---	---	---	63,7	---
Cloro residual total (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Color aparente (in situ)	----	---	---	---	---	---	---	---	---	---	---	---	---
Conductividad a 20 °C (in situ)	µS/cm	---	---	---	---	232	---	---	---	---	---	311	---
Nitritos (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Olor (in situ)	----	---	---	---	---	---	---	---	---	---	---	---	---
Oxígeno disuelto (in situ)	mg/L	---	---	---	---	8,5	---	---	---	---	---	6,3	---
pH (in situ)	pH	---	---	---	---	7,8	---	---	---	---	---	8,0	---
Temperatura del agua "in situ" (in situ)	°C	---	---	---	---	18,0	---	---	---	---	---	13,5	---
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	---	---	---	---	78,9	---	---	---	---	---	108,9	---
Aldrin	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
Aluminio	mg/L	---	---	---	---	< 0,1000	---	---	---	---	---	< 0,1000	---
Ametrin	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
Amonio total	mg/L	---	---	---	---	0,06	---	---	---	---	---	0,62	---
Antraceno	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
Arsénico	µg/L	---	---	---	---	1,306	---	---	---	---	---	1,213	---
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	---
Benzo(b)Fluoranteno	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---



Confederación Hidrográfica del Guadiana

Gestión de laboratorios

Informes

Report: R030412

Fecha: 26-12-2013

Resultados de análisis por punto de control

Página: 2

Código: GN00000110

Nombre del punto: ARROYO DE ZAOS - Oliva de la Frontera

Cauce: ARROYO DE ZAOS

Código de la masa de agua: 14040

Nombre de la masa de agua: ARROYO ZAOS

Localidad: Oliva de la Frontera

Provincia: Badajoz

UTM X: 680519

UTM Y: 4240858

Huso: 29

		ENERO	FEBRERO	MARZO	ABRIL	MAYO 02-05-2013	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE 18-11-2013	DICIEMBRE
Benzo(g,h,l)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	---	---	---	---	78,9	---	---	---	---	---	108,9	---
Boro	mg/L	---	---	---	---	< 0,1000	---	---	---	---	---	< 0,1000	---
Bromodichlorometano	µg/L	---	---	---	---	< 1,00	---	---	---	---	---	< 1,00	---
Bromof ormo	µg/L	---	---	---	---	< 1,00	---	---	---	---	---	< 1,00	---
Cadmio	µg/L	---	---	---	---	< 1,000	---	---	---	---	---	< 0,100	---
Calcio	mg/L	---	---	---	---	17,7800	---	---	---	---	---	20,2000	---
Carbonatos	mg/L	---	---	---	---	< 0,1	---	---	---	---	---	< 0,1	---
Cianuro Total	mg/L	---	---	---	---	< 0,010	---	---	---	---	---	< 0,010	---
Cinc	mg/L	---	---	---	---	< 0,1000	---	---	---	---	---	< 0,1000	---
Clorof env inf os	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
Clorobenceno	µg/L	---	---	---	---	< 1,00	---	---	---	---	---	< 1,00	---
Clorof ormo	µg/L	---	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---
Clorpirif os	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
Cloruros	mg/L	---	---	---	---	17,4	---	---	---	---	---	23,6	---
Cobalto	mg/L	---	---	---	---	< 0,0500	---	---	---	---	---	< 0,0500	---
Cobre	mg/L	---	---	---	---	< 0,1000	---	---	---	---	---	< 0,1000	---
Color	mg/L	---	---	---	---	13,8	---	---	---	---	---	13,4	---
Conductiv idad a 20 °C	µS/cm	---	---	---	---	325	---	---	---	---	---	262	---
Cromo	µg/L	---	---	---	---	< 2,000	---	---	---	---	---	< 1,000	---
Cry seno	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
D.B.O. 5d	mg/L	---	---	---	---	2,2	---	---	---	---	---	5,6	---
Desetilatrazina	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
Desisopropilatrazina	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
d-hch	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
Diazinon	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
Dibromoclorometano	µg/L	---	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---



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Huso: 29

		ENERO	FEBRERO	MARZO	ABRIL	MAYO 02-05-2013	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE 18-11-2013	DICIEMBRE
Diclorometano	µg/L	---	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---
Dieldrín	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
Diuron	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
D.Q.O. 10min (Índice de Permanganato)	mg/L	---	---	---	---	5,6	---	---	---	---	---	7,1	---
D.Q.O. 2h	mg/L	---	---	---	---	< 20	---	---	---	---	---	< 20	---
Dureza total	mg/L	---	---	---	---	82,9	---	---	---	---	---	97,8	---
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	---	---	---	---	0,15	---	---	---	---	---	0,14	---
Fosfatos	mg/L	---	---	---	---	< 0,05	---	---	---	---	---	< 0,05	---
Fósforo total	mg/L	---	---	---	---	< 0,1000	---	---	---	---	---	< 0,1000	---
Glifosato	µg/L	---	---	---	---	< 0,050	---	---	---	---	---	< 0,050	---
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	---



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Huso: 29

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Hierro	mg/L	---	---	---	---	0,1483	---	---	---	---	---	0,3332	---
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	---	---	---	---	9,3310	---	---	---	---	---	11,4900	---
Malatión	µg/L	---	---	---	---	< 0,050	---	---	---	---	---	< 0,050	---
Manganeso	mg/L	---	---	---	---	0,1350	---	---	---	---	---	0,2247	---
MCPA	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
Mercurio	mg/L	---	---	---	---	< 0,000050	---	---	---	---	---	< 0,000050	---
Metil Paratión	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
Metilclorpirifos	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
Metolaclor	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
Molinate	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
m,p-xileno	µg/L	---	---	---	---	< 2,00	---	---	---	---	---	< 2,00	---
MTBE	µg/L	---	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---
Naftaleno	µg/L	---	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---
Níquel	mg/L	---	---	---	---	< 0,0500	---	---	---	---	---	< 0,0500	---
Nitratos	mg/L	---	---	---	---	2,0	---	---	---	---	---	2,0	---
Olor	-----	---	---	---	---	0	---	---	---	---	---	0	---
Oxifluorfen	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
o-xileno	µg/L	---	---	---	---	< 1,00	---	---	---	---	---	< 1,00	---
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	---



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Resultados de análisis por punto de control

Página: 5

Código: GN00000110

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Cauce: ARROYO DE ZAOS

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PCB 180	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
PCB 28	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
PCB 52	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
Pentaclorobenceno	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
pH	pH	---	---	---	---	7,7	---	---	---	---	---	8,1	---
Pireno	µg/L	---	---	---	---	< 0,010	---	---	---	---	---	< 0,010	---
Plomo	µg/L	---	---	---	---	< 1,000	---	---	---	---	---	< 1,000	---
Potasio	mg/L	---	---	---	---	2,8130	---	---	---	---	---	4,8620	---
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	---	---	---	---	< 10	---	---	---	---	---	24	---
Recuento de Coliformes totales	UFC/100	---	---	---	---	< 10	---	---	---	---	---	2300	---
Recuento de Estreptococos fecales	UFC/100	---	---	---	---	< 10	---	---	---	---	---	< 10	---
Selenio	µg/L	---	---	---	---	1,609	---	---	---	---	---	< 2,000	---
Sílice	mg/L	---	---	---	---	7,0650	---	---	---	---	---	1,4350	---
Simazina	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
Simetrín	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
Sodio	mg/L	---	---	---	---	12,4100	---	---	---	---	---	17,1900	---
Sólidos en Suspensión	mg/L	---	---	---	---	10	---	---	---	---	---	14	---
Sulfatos	mg/L	---	---	---	---	12,7	---	---	---	---	---	6,2	---
Terbutilazina	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
Terbutrín	µg/L	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020	---
Tetracloroetileno (Percloroetileno)	µg/L	---	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---
Tetracloruro de Carbono	µg/L	---	---	---	---	< 2,50	---	---	---	---	---	< 2,50	---



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Resultados de análisis por punto de control

Página: 6

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Cauce: ARROYO DE ZAOS

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Nombre de la masa de agua: ARROYO ZAOS

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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	---