

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
	Fecha: 05-01-2012	Resultados de análisis por punto de control		Página: 1

Código: GN00000091	Nombre del punto: RIO RUECAS - Madrigalejo	Cauce: RIO RUECAS
Código de la masa de agua: 13414	Nombre de la masa de agua: RIO RUECAS IV	
Localidad: Madrigalejo	Provincia: Cáceres	UTM X: 273696 UTM Y: 4335760 Huso: 30

		ENERO	FEBRERO 07-02-2011	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO 22-08-2011	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
Acenafteno	µg/L	---	< 0,02	---	---	---	---	---	< 0,02	---	---	---	---
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	---	71,1	---	---	---	---	---	79,1	---	---	---	---
Aldrín	µg/L	---	< 0,020	---	---	---	---	---	< 0,020	---	---	---	---
Aluminio	mg/L	---	< 0,1000	---	---	---	---	---	< 0,1000	---	---	---	---
Ametrin	µg/L	---	< 0,020	---	---	---	---	---	< 0,020	---	---	---	---
Amonio total	mg/L	---	< 0,05	---	---	---	---	---	0,12	---	---	---	---
Antraceno	µg/L	---	< 0,02	---	---	---	---	---	< 0,02	---	---	---	---
Arsénico	mg/L	---	< 0,025000	---	---	---	---	---	< 0,025000	---	---	---	---
Atraton	µg/L	---	< 0,020	---	---	---	---	---	< 0,020	---	---	---	---
Atrazina	µg/L	---	---	---	---	---	---	---	< 0,020	---	---	---	---
atrazina	µg/L	---	< 0,020	---	---	---	---	---	< 0,020	---	---	---	---
Bario	mg/L	---	0,0504	---	---	---	---	---	0,0521	---	---	---	---
Benceno	µg/L	---	---	---	---	---	---	---	< 1,00	---	---	---	---
Benzo(a)Antraceno	µg/L	---	< 0,02	---	---	---	---	---	< 0,02	---	---	---	---
Benzo(a,h)Antraceno	µg/L	---	< 0,08	---	---	---	---	---	< 0,08	---	---	---	---
Benzo(a)Pireno	µg/L	---	< 0,05	---	---	---	---	---	< 0,05	---	---	---	---
Benzo(b)Fluoranteno	µg/L	---	< 0,02	---	---	---	---	---	< 0,02	---	---	---	---
Benzo(g,h,i)Perileno	µg/L	---	< 0,06	---	---	---	---	---	< 0,06	---	---	---	---
Benzo(k)Fluoranteno	µg/L	---	< 0,03	---	---	---	---	---	< 0,03	---	---	---	---
b-hch	µg/L	---	< 0,020	---	---	---	---	---	< 0,020	---	---	---	---
Bicarbonatos	mg/L	---	71,1	---	---	---	---	---	79,1	---	---	---	---
Boro	mg/L	---	< 0,1000	---	---	---	---	---	< 0,1000	---	---	---	---
Bromodichlorometano	µg/L	---	---	---	---	---	---	---	< 1,00	---	---	---	---
Bromofórmo	µg/L	---	---	---	---	---	---	---	< 1,00	---	---	---	---
Cadmio	mg/L	---	< 0,025000	---	---	---	---	---	< 0,025000	---	---	---	---
Calcio	mg/L	---	23,4000	---	---	---	---	---	34,1400	---	---	---	---

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
	Fecha: 05-01-2012	Resultados de análisis por punto de control		Página: 2

Código: GN00000091	Nombre del punto: RIO RUECAS - Madrigalejo	Cauce: RIO RUECAS
Código de la masa de agua: 13414	Nombre de la masa de agua: RIO RUECAS IV	
Localidad: Madrigalejo	Provincia: Cáceres	UTM X: 273696 UTM Y: 4335760 Huso: 30

		ENERO	FEBRERO 07-02-2011	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO 22-08-2011	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
Carbonatos	mg/L	---	< 0,1	---	---	---	---	---	< 0,1	---	---	---	---
Cianuro Total	mg/L	---	< 0,010	---	---	---	---	---	---	---	---	---	---
Cinc	mg/L	---	< 0,1000	---	---	---	---	---	< 0,1000	---	---	---	---
Clorfeninfos	µg/L	---	---	---	---	---	---	---	< 0,020	---	---	---	---
Clorobenceno	µg/L	---	---	---	---	---	---	---	< 1,00	---	---	---	---
Cloroformo	µg/L	---	---	---	---	---	---	---	< 2,50	---	---	---	---
Clorpirinfos	µg/L	---	< 0,020	---	---	---	---	---	< 0,020	---	---	---	---
Cloruros	mg/L	---	40,6	---	---	---	---	---	46,1	---	---	---	---
Cobalto	mg/L	---	< 0,0500	---	---	---	---	---	< 0,0500	---	---	---	---
Cobre	mg/L	---	< 0,1000	---	---	---	---	---	< 0,1000	---	---	---	---
Color	mg/L	---	11,7	---	---	---	---	---	11,1	---	---	---	---
Conductividad	µS/cm	---	373	---	---	---	---	---	415	---	---	---	---
Cromo	mg/L	---	< 0,025000	---	---	---	---	---	< 0,025000	---	---	---	---
Criseno	µg/L	---	< 0,02	---	---	---	---	---	< 0,02	---	---	---	---
D.B.O. 5d	mg/L	---	1,9	---	---	---	---	---	1,7	---	---	---	---
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	---	---	---	---
Diclorometano	µg/L	---	---	---	---	---	---	---	< 2,50	---	---	---	---
Dieldrin	µg/L	---	< 0,020	---	---	---	---	---	< 0,020	---	---	---	---
Diuron	µg/L	---	< 0,020	---	---	---	---	---	< 0,020	---	---	---	---
D.Q.O. 10min	mg/L	---	4,1	---	---	---	---	---	5,2	---	---	---	---
D.Q.O. 2h	mg/L	---	< 20	---	---	---	---	---	< 20	---	---	---	---
Dureza permanente	mg/L	---	50,3	---	---	---	---	---	77,6	---	---	---	---
Dureza temporal	mg/L	---	71,1	---	---	---	---	---	79,1	---	---	---	---
Dureza total	mg/L	---	121,4	---	---	---	---	---	156,7	---	---	---	---
Endosulfán I	µg/L	---	< 0,020	---	---	---	---	---	< 0,020	---	---	---	---

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
	Fecha: 05-01-2012	Resultados de análisis por punto de control		Página: 3

Código: GN00000091	Nombre del punto: RIO RUECAS - Madrigalejo	Cauce: RIO RUECAS
Código de la masa de agua: 13414	Nombre de la masa de agua: RIO RUECAS IV	
Localidad: Madrigalejo	Provincia: Cáceres	UTM X: 273696 UTM Y: 4335760 Huso: 30

		ENERO	FEBRERO 07-02-2011	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO 22-08-2011	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
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	---	---	---	---
Estroncio	mg/L	---	< 0,5000	---	---	---	---	---	< 0,5000	---	---	---	---
Etilbenceno	µg/L	---	---	---	---	---	---	---	< 2,50	---	---	---	---
Etil-Paratión	µg/L	---	< 0,020	---	---	---	---	---	< 0,020	---	---	---	---
Fenantreno	µg/L	---	< 0,02	---	---	---	---	---	< 0,02	---	---	---	---
Fenoles	mg/L	---	< 0,010	---	---	---	---	---	---	---	---	---	---
Fluoranteno	µg/L	---	< 0,02	---	---	---	---	---	< 0,02	---	---	---	---
Fluoreno	µg/L	---	< 0,02	---	---	---	---	---	< 0,02	---	---	---	---
Fluoruros	mg/L	---	0,11	---	---	---	---	---	0,14	---	---	---	---
Fosfatos	mg/L	---	< 0,05	---	---	---	---	---	< 0,05	---	---	---	---
Fósforo total	mg/L	---	< 0,1000	---	---	---	---	---	< 0,1000	---	---	---	---
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	---	---	---	---
Hidróxidos	mg/L	---	< 0,1	---	---	---	---	---	< 0,1	---	---	---	---
Hierro	mg/L	---	0,3511	---	---	---	---	---	0,2105	---	---	---	---
Imazalil	µg/L	---	< 0,050	---	---	---	---	---	< 0,050	---	---	---	---
Indeno(1,2,3-cd)Pireno	µg/L	---	< 0,05	---	---	---	---	---	< 0,05	---	---	---	---
Investigación de Salmonella sp	-----	---	Ausente en 1000 mL	---	---	---	---	---	Ausente en 1000 mL	---	---	---	---
Isodrín	µg/L	---	< 0,020	---	---	---	---	---	< 0,020	---	---	---	---
Isoproturon	µg/L	---	< 0,020	---	---	---	---	---	< 0,020	---	---	---	---
Lindano	µg/L	---	< 0,020	---	---	---	---	---	< 0,020	---	---	---	---

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
	Fecha: 05-01-2012	Resultados de análisis por punto de control		Página: 4

Código: GN00000091	Nombre del punto: RIO RUECAS - Madrigalejo	Cauce: RIO RUECAS
Código de la masa de agua: 13414	Nombre de la masa de agua: RIO RUECAS IV	
Localidad: Madrigalejo	Provincia: Cáceres	UTM X: 273696 UTM Y: 4335760 Huso: 30

		ENERO	FEBRERO 07-02-2011	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO 22-08-2011	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
Magnesio	mg/L	---	15,2900	---	---	---	---	---	17,3400	---	---	---	---
Malatión	µg/L	---	< 0,050	---	---	---	---	---	< 0,050	---	---	---	---
Manganeso	mg/L	---	< 0,1000	---	---	---	---	---	0,1909	---	---	---	---
Materias suspensión a 110°C	mg/L	---	< 10	---	---	---	---	---	< 10	---	---	---	---
MCPA	µg/L	---	---	---	---	---	---	---	< 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	---	---	---	---	---	0,043	---	---	---	---
Molinate	µg/L	---	0,067	---	---	---	---	---	< 0,020	---	---	---	---
m,p-xileno	µg/L	---	---	---	---	---	---	---	< 2,00	---	---	---	---
MTBE	µg/L	---	---	---	---	---	---	---	< 2,50	---	---	---	---
Naftaleno	µg/L	---	< 2,50	---	---	---	---	---	< 2,50	---	---	---	---
Níquel	mg/L	---	< 0,0500	---	---	---	---	---	< 0,0500	---	---	---	---
Nitratos	mg/L	---	10,5	---	---	---	---	---	5,0	---	---	---	---
Olor	-----	---	0	---	---	---	---	---	0	---	---	---	---
Oxifluorfen	µg/L	---	---	---	---	---	---	---	< 0,020	---	---	---	---
o-xileno	µg/L	---	---	---	---	---	---	---	< 1,00	---	---	---	---
PAH	mg/L	---	< 0,00020	---	---	---	---	---	< 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	---	---	---	---	---	< 0,14	---	---	---	---
Pentaclorobenceno	µg/L	---	< 0,020	---	---	---	---	---	< 0,020	---	---	---	---
pH	pH	---	7,7	---	---	---	---	---	7,7	---	---	---	---

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
	Fecha: 05-01-2012	Resultados de análisis por punto de control		Página: 5

Código: GN00000091	Nombre del punto: RIO RUECAS - Madrigalejo	Cauce: RIO RUECAS
Código de la masa de agua: 13414	Nombre de la masa de agua: RIO RUECAS IV	
Localidad: Madrigalejo	Provincia: Cáceres	UTM X: 273696 UTM Y: 4335760 Huso: 30

		ENERO	FEBRERO 07-02-2011	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO 22-08-2011	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
Pireno	µg/L	---	< 0,02	---	---	---	---	---	< 0,02	---	---	---	---
Plaguicidas total	mg/L	---	< 0,00100	---	---	---	---	---	< 0,00100	---	---	---	---
Plomo	mg/L	---	< 0,025000	---	---	---	---	---	< 0,025000	---	---	---	---
Potasio	mg/L	---	6,3240	---	---	---	---	---	4,8530	---	---	---	---
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 fecal UFC/100		---	55	---	---	---	---	---	820	---	---	---	---
Recuento de Coliformes totale UFC/100		---	860	---	---	---	---	---	7000	---	---	---	---
Recuento de Estreptococos fe UFC/100		---	61	---	---	---	---	---	320	---	---	---	---
Selenio	mg/L	---	< 0,025000	---	---	---	---	---	< 0,025000	---	---	---	---
Sílice	mg/L	---	5,0760	---	---	---	---	---	7,0960	---	---	---	---
Simazina	µg/L	---	< 0,020	---	---	---	---	---	< 0,020	---	---	---	---
Simetrín	µg/L	---	< 0,020	---	---	---	---	---	< 0,020	---	---	---	---
Sodio	mg/L	---	21,3600	---	---	---	---	---	22,4100	---	---	---	---
Sulfatos	mg/L	---	37,9	---	---	---	---	---	75,4	---	---	---	---
Terbutilazina	µg/L	---	0,027	---	---	---	---	---	0,055	---	---	---	---
Terbutrín	µg/L	---	< 0,020	---	---	---	---	---	< 0,020	---	---	---	---
Tetracloroetileno (Percloroetiler	µg/L	---	---	---	---	---	---	---	< 2,50	---	---	---	---
Tetracloruro de Carbono	µg/L	---	---	---	---	---	---	---	< 2,50	---	---	---	---
Tolueno	µg/L	---	---	---	---	---	---	---	< 2,50	---	---	---	---
Tricloroetileno	µg/L	---	---	---	---	---	---	---	< 2,50	---	---	---	---
Trifluralín	µg/L	---	< 0,020	---	---	---	---	---	< 0,020	---	---	---	---
1,1,1-tricloroetano	µg/L	---	---	---	---	---	---	---	< 1,00	---	---	---	---
1,2-diclorobenceno	µg/L	---	---	---	---	---	---	---	< 2,50	---	---	---	---
1,2-Dicloroetano	µg/L	---	---	---	---	---	---	---	< 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: GN00000091	Nombre del punto: RIO RUECAS - Madrigalejo	Cauce: RIO RUECAS
Código de la masa de agua: 13414	Nombre de la masa de agua: RIO RUECAS IV	
Localidad: Madrigalejo	Provincia: Cáceres	UTM X: 273696 UTM Y: 4335760 Huso: 30

		ENERO	FEBRERO 07-02-2011	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO 22-08-2011	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1,2,3-triclorobenceno	µg/L	---	---	---	---	---	---	---	< 1,00	---	---	---	---
1,2,4-triclorobenceno	µg/L	---	---	---	---	---	---	---	< 1,00	---	---	---	---
1,3-diclorobenceno	µg/L	---	---	---	---	---	---	---	< 2,50	---	---	---	---
1,3,5-triclorobenceno	µg/L	---	---	---	---	---	---	---	< 1,00	---	---	---	---
1,4-diclorobenceno	µg/L	---	---	---	---	---	---	---	< 2,50	---	---	---	---