



Confederación Hidrográfica del Guadiana

Gestión de laboratorios

Informes

Report: R030412

Fecha: 31-01-2013

Resultados de análisis por punto de control

Página: 1

Código: GN00000149

Nombre del punto: RIO ARDILA - E. Valuengo. Centro de presa

Cauce: RIO ARDILA

Código de la masa de agua: 20646

Nombre de la masa de agua: EMBALSE DE VALUENGO

Localidad: Jerez de los Caballeros

Provincia: Badajoz

UTM X: 703277

UTM Y: 4242090

Huso: 29

		ENERO 03-01-2012	FEBRERO 08-02-2012	MARZO 14-03-2012	ABRIL 18-04-2012	MAYO 28-05-2012	JUNIO 13-06-2012	JULIO 03-07-2012	AGOSTO 22-08-2012	SEPTIEMBRE 05-09-2012	OCTUBRE 10-10-2012	NOVIEMBRE	DICIEMBRE
% Oxígeno (in situ)	% SAT	53,4	78,4	89,2	65,2	74,4	85,0	69,1	72,0	41,8	78,0	---	---
Cloro residual total (in situ)	mg/L	---	0,1	0,0	0,0	0,0	0,1	0,0	0,1	0,1	0,1	---	---
Color aparente (in situ)	----	---	---	---	---	---	---	---	---	---	---	---	---
Conductividad (in situ)	µS/cm	450	459	462	484	488	492	445	438	491	474	---	---
Nitritos (in situ)	mg/L	0,02	0,03	0,10	0,10	0,03	0,03	0,00	0,03	0,03	0,03	---	---
Olor (in situ)	----	---	---	---	---	---	---	---	---	---	---	---	---
Oxígeno disuelto (in situ)	mg/L	6,1	9,9	9,1	6,5	6,5	7,4	5,7	5,7	3,5	6,8	---	---
pH (in situ)	pH	7,7	8,2	9,1	8,4	8,6	8,6	8,4	8,9	8,3	8,5	---	---
Temperatura del agua "in situ" (in situ)	°C	8,3	7,3	13,6	14,1	20,9	22,4	23,8	25,3	22,9	20,9	---	---
Acenafeno	µg/L	---	---	---	---	---	< 0,010	---	---	---	---	---	---
Agentes tensoactivos (aniónicos)	mg/L	---	---	---	< 0,1	---	< 0,1	---	---	---	---	---	---
a-hch	µg/L	---	---	---	---	---	< 0,010	---	---	---	---	---	---
Alaclor	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Alcalinidad total	mg/L	---	---	---	175,1	---	182,6	---	---	---	---	---	---
Aldrín	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Aluminio	mg/L	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	---	< 0,1000	< 0,1000	---	---	---
Ametrin	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Amonio no ionizado	mg/L	0,003	0,006	0,071	0,024	0,002	0,001	0,020	< 0,001	0,006	0,004	---	---
Amonio total	mg/L	< 0,05	0,18	0,23	0,16	< 0,05	< 0,05	0,13	< 0,05	0,07	< 0,05	---	---
Antraceno	µg/L	---	---	---	---	---	< 0,010	---	---	---	---	---	---
Arsénico	µg/L	---	---	---	3,806	---	---	---	---	---	---	---	---
Arsénico	mg/L	---	---	---	---	---	< 0,025000	---	---	---	---	---	---
Atraton	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
atrazina	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Bario	mg/L	0,0546	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	---	< 0,0500	< 0,0500	---	---	---
Benceno	µg/L	---	---	---	---	---	< 1,00	---	---	---	---	---	---
Benzo(a)Antraceno	µg/L	---	---	---	---	---	< 0,010	---	---	---	---	---	---
Benzo(a,h)Antraceno	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---



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Página: 2

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Benzo(a)Pireno	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Benzo(b)Fluoranteno	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Benzo(g,h,i)Perileno	µg/L	---	---	---	---	---	< 0,040	---	---	---	---	---	---
Benzo(k)Fluoranteno	µg/L	---	---	---	---	---	< 0,010	---	---	---	---	---	---
b-hch	µg/L	---	---	---	---	---	< 0,010	---	---	---	---	---	---
Bicarbonatos	mg/L	---	---	---	160,7	---	173,0	---	---	---	---	---	---
Boro	mg/L	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	---	< 0,1000	< 0,1000	---	---	---
Bromodichlorometano	µg/L	---	---	---	---	---	< 1,00	---	---	---	---	---	---
Bromof ormo	µg/L	---	---	---	---	---	< 1,00	---	---	---	---	---	---
Cadmio	µg/L	---	---	---	< 1,000	---	---	---	---	---	---	---	---
Cadmio	mg/L	---	---	---	---	---	< 0,025000	---	---	---	---	---	---
Calcio	mg/L	---	---	---	36,3700	---	34,5500	---	---	22,4000	---	---	---
Carbonatos	mg/L	---	---	---	14,4	---	9,5	---	---	---	---	---	---
Cianuro Total	mg/L	---	---	---	< 0,010	---	< 0,010	---	---	---	---	---	---
Cinc	mg/L	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	---	---
Clorf env inf os	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Clorobenceno	µg/L	---	---	---	---	---	< 1,00	---	---	---	---	---	---
Clorf ormo	µg/L	---	---	---	---	---	< 2,50	---	---	---	---	---	---
Clorpirif os	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Cloruros	mg/L	---	---	---	35,3	---	39,5	---	---	---	---	---	---
Cobalto	mg/L	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	---	< 0,0500	< 0,0500	---	---	---
Cobre	mg/L	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	---	---
Color	mg/L	---	---	---	12,0	---	10,7	---	---	---	---	---	---
Compuestos fenólicos	mg/L	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	---	---
Conductividad	µS/cm	---	---	418	436	---	451	---	422	441	---	---	---
Cromo	µg/L	---	---	---	< 2,000	---	---	---	---	---	---	---	---
Cromo	mg/L	---	---	---	---	---	< 0,025000	---	---	---	---	---	---
Cryseno	µg/L	---	---	---	---	---	< 0,010	---	---	---	---	---	---
D.B.O. 5d	mg/L	1,2	1,9	6,9	1,4	2,6	2,8	4,7	4,6	4,9	4,7	---	---



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Página: 3

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Cauce: RIO ARDILA

Código de la masa de agua: 20646

Nombre de la masa de agua: EMBALSE DE VALUENGO

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Desetilazina	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Desisopropilatrazina	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
d-hch	µg/L	---	---	---	---	---	< 0,010	---	---	---	---	---	---
Diazinon	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Dibromoclorometano	µg/L	---	---	---	---	---	< 2,50	---	---	---	---	---	---
Diclorometano	µg/L	---	---	---	---	---	< 2,50	---	---	---	---	---	---
Dieldrín	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Diuron	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
D.Q.O. 10min	mg/L	---	---	---	6,5	---	6,4	---	---	---	---	---	---
D.Q.O. 2h	mg/L	---	---	---	< 20	---	25	---	---	---	---	---	---
Dureza permanente	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Dureza temporal	mg/L	---	---	---	175,1	---	182,6	---	---	---	---	---	---
Dureza total	mg/L	---	---	---	168,0	---	164,1	---	---	---	---	---	---
Endosulfán I	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Endosulfán II	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Endosulfán Sulfato	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Endrín	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Endrín Aldehido	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Estaño	mg/L	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	---	< 0,1000	< 0,1000	---	---	---
Estireno	µg/L	---	---	---	---	---	< 1,00	---	---	---	---	---	---
Estroncio	mg/L	---	---	---	< 0,5000	---	< 0,5000	---	---	< 0,5000	---	---	---
Etilbenceno	µg/L	---	---	---	---	---	< 2,50	---	---	---	---	---	---
Etil-Paratión	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Fenantreno	µg/L	---	---	---	---	---	< 0,010	---	---	---	---	---	---
Fenoles	mg/L	---	---	---	< 0,050	---	< 0,050	---	---	< 0,050	---	---	---
Fluoranteno	µg/L	---	---	---	---	---	< 0,010	---	---	---	---	---	---
Fluoreno	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Fluoruros	mg/L	---	---	---	0,24	---	0,26	---	---	---	---	---	---
Fosfatos	mg/L	---	---	---	< 0,05	---	< 0,05	---	---	---	---	---	---



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Fósforo total	mg/L	0,1725	0,1485	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	---	---
Heptacloro	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Heptacloro epóxido	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Hexaclorobenceno	µg/L	---	---	---	---	---	< 0,010	---	---	---	---	---	---
Hexaclorobutadieno	µg/L	---	---	---	---	---	< 2,50	---	---	---	---	---	---
Hidrocarburos de origen petrolero	----	No	No	No	No	No	No	No	No	No	No	---	---
Hidróxidos	mg/L	---	---	---	< 0,1	---	< 0,1	---	---	---	---	---	---
Hierro	mg/L	0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	---	< 0,1000	0,1025	---	---	---
Imazalil	µg/L	---	---	---	---	---	< 0,050	---	---	---	---	---	---
Indeno(1,2,3-cd)Pireno	µg/L	---	---	---	---	---	< 0,050	---	---	---	---	---	---
Investigación de Salmonella sp.	----	---	---	---	---	---	Salmonella no Detect	---	---	---	---	---	---
Isodrin	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Isoproturon	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Lindano	µg/L	---	---	---	---	---	< 0,010	---	---	---	---	---	---
Magnesio	mg/L	---	---	---	18,7000	---	18,8600	---	---	20,5900	---	---	---
Malatión	µg/L	---	---	---	---	---	< 0,050	---	---	---	---	---	---
Manganeso	mg/L	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	---	< 0,1000	< 0,1000	---	---	---
MCPA	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Mercurio	mg/L	---	---	---	< 0,000050	---	< 0,000050	---	---	---	---	---	---
Metil Paratión	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Metilclorpirifos	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Metolaclor	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Molinate	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
m,p-xileno	µg/L	---	---	---	---	---	< 2,00	---	---	---	---	---	---
MTBE	µg/L	---	---	---	---	---	< 2,50	---	---	---	---	---	---
Naftaleno	µg/L	---	---	---	---	---	< 2,50	---	---	---	---	---	---
Níquel	mg/L	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	---	< 0,0500	< 0,0500	---	---	---
Nitratos	mg/L	---	---	---	1,5	---	< 1,0	---	---	---	---	---	---



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Olor	-----	---	---	---	0	---	0	---	---	---	---	---	---
Oxifluorfen	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Oxígeno disuelto	mg/L	8,1	9,9	10,8	9,7	7,7	7,7	9,0	7,4	5,0	8,6	---	---
o-xileno	µg/L	---	---	---	---	---	< 1,00	---	---	---	---	---	---
PAH	mg/L	---	---	---	---	---	< 0,00020	---	---	---	---	---	---
PCB 101	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
PCB 118	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
PCB 138	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
PCB 153	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
PCB 180	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
PCB 28	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
PCB 52	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
PCB's	µg/L	---	---	---	---	---	< 0,14	---	---	---	---	---	---
Pentaclorobenceno	µg/L	---	---	---	---	---	< 0,010	---	---	---	---	---	---
pH	pH	8,2	8,4	8,9	8,5	8,6	8,4	8,5	8,8	8,2	8,4	---	---
Pireno	µg/L	---	---	---	---	---	< 0,010	---	---	---	---	---	---
Plaguicidas total	mg/L	---	---	---	---	---	< 0,00100	---	---	---	---	---	---
Plomo	µg/L	---	---	---	< 1,000	---	---	---	---	---	---	---	---
Plomo	mg/L	---	---	---	---	---	< 0,025000	---	---	---	---	---	---
Potasio	mg/L	---	---	---	4,9420	---	4,9420	---	---	5,7830	---	---	---
PP-DDD	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
PP-DDE	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
PP-DDT	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Prometon	µg/L	---	---	---	---	---	< 0,050	---	---	---	---	---	---
Prometrin	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Propazina	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Recuento de Coliformes fecales	UFC/100	---	---	---	---	---	10	---	---	---	---	---	---
Recuento de Coliformes totales	UFC/100	---	---	---	---	---	500	---	---	---	---	---	---



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Página: 6

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Recuento de Estreptococos fecales	UFC/100	---	---	---	---	---	150	---	---	---	---	---	---
Selenio	µg/L	---	---	---	< 1,000	---	---	---	---	---	---	---	---
Selenio	mg/L	---	---	---	---	---	< 0,025000	---	---	---	---	---	---
Sílice	mg/L	6,5790	6,0720	4,5040	< 0,8560	< 0,8560	< 0,8560	---	1,0210	1,3440	---	---	---
Simazina	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Simetrín	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Sodio	mg/L	---	---	---	30,8000	---	32,6900	---	---	38,5700	---	---	---
Sólidos en Suspensión	mg/L	10	< 10	12	14	< 10	< 10	16	15	16	13	---	---
Sulfatos	mg/L	---	---	---	23,0	---	23,4	---	---	---	---	---	---
Terbutilazina	µg/L	---	---	---	---	---	0,043	---	---	---	---	---	---
Terbutrín	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	---
Tetracloroetileno (Percloroetileno)	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	---	---	---	---	---	---
1,1,1-tricloroetano	µg/L	---	---	---	---	---	< 1,00	---	---	---	---	---	---
1,2-diclorobenceno	µg/L	---	---	---	---	---	< 2,50	---	---	---	---	---	---
1,2-Dicloroetano	µg/L	---	---	---	---	---	< 2,50	---	---	---	---	---	---
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	---	---	---	---	---	---