



Confederación Hidrográfica del Guadiana

Gestión de laboratorios

Informes

Report: R030412

Fecha: 30-01-2015

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 21-01-2014	FEBRERO 24-02-2014	MARZO 03-03-2014	ABRIL 22-04-2014	MAYO 12-05-2014	JUNIO 17-06-2014	JULIO 02-07-2014	AGOSTO 18-08-2014	SEPTIEMBRE 10-09-2014	OCTUBRE 01-10-2014	NOVIEMBRE 17-11-2014	DICIEMBRE 10-12-2014
% Oxígeno (in situ)	% SAT	86,0	77,6	87,9	84,8	104,2	115,2	99,3	144,2	62,0	53,2	45,4	56,5
Cloro residual total (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Color aparente (in situ)	----	---	---	---	---	---	---	---	---	---	---	---	---
Conductividad a 20 °C (in situ)	µS/cm	452	319	310	379	422	448	434	381	522	419	442	342
Nitritos (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Olor (in situ)	----	---	---	---	---	---	---	---	---	---	---	---	---
Oxígeno disuelto (in situ)	mg/L	9,2	7,9	9,2	7,7	8,5	9,3	8,4	11,4	5,1	4,5	4,3	6,1
pH (in situ)	pH	8,6	8,4	8,5	8,9	9,1	9,1	9,0	9,3	8,9	8,5	7,5	7,4
Temperatura del agua "in situ" (in situ)	°C	10,5	12,0	12,1	18,0	24,7	24,4	22,2	25,9	23,6	21,6	16,7	12,0
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	---	---	---	---	---	---	176,2	---	---	---	---	126,1
Aldrin	µg/L	---	---	---	---	---	---	< 0,020	---	---	---	---	< 0,020
Aluminio	mg/L	< 0,1000	0,1057	< 0,1000	---	---	---	< 0,1000	---	---	---	---	< 0,1000
Ametrin	µg/L	---	---	---	---	---	---	< 0,020	---	---	---	---	< 0,020
Amonio no ionizado	mg/L	0,029	0,010	0,006	0,008	0,003	0,011	0,003	0,005	0,007	0,016	< 0,001	0,054
Amonio total	mg/L	0,43	0,19	0,12	< 0,05	< 0,05	< 0,05	< 0,05	< 0,05	< 0,05	0,16	< 0,05	0,19
Antraceno	µg/L	---	---	---	---	---	---	< 0,020	---	---	---	---	< 0,020
Arsénico	µg/L	---	---	---	---	---	---	9,558	---	---	---	---	---
Arsénico	mg/L	---	---	---	---	---	---	---	---	---	---	---	< 0,025000
Atraton	µg/L	---	---	---	---	---	---	< 0,020	---	---	---	---	< 0,020
atrazina	µg/L	---	---	---	---	---	---	< 0,020	---	---	---	---	< 0,020
Bario	mg/L	< 0,0500	< 0,0500	< 0,0500	---	---	---	< 0,0500	---	---	---	---	< 0,0500
Benceno	µg/L	---	---	---	---	---	---	< 1,00	---	---	---	---	< 1,00
Benzo(a)Antraceno	µg/L	---	---	---	---	---	---	< 0,020	---	---	---	---	< 0,020



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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
Benzo(g,h,i)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	---	---	---	---	---	---	154,9	---	---	---	---	126,1
Boro	mg/L	< 0,1000	< 0,1000	< 0,1000	---	---	---	< 0,1000	---	---	---	---	< 0,1000
Bromodiclorometano	µg/L	---	---	---	---	---	---	< 1,00	---	---	---	---	< 1,00
Bromoforno	µg/L	---	---	---	---	---	---	< 1,00	---	---	---	---	< 1,00
Cadmio	µg/L	---	---	---	---	---	---	< 0,100	---	---	---	---	---
Cadmio	mg/L	---	---	---	---	---	---	---	---	---	---	---	< 0,025000
Calcio	mg/L	---	---	---	---	---	---	33,5400	---	---	---	---	29,3400
Carbonatos	mg/L	---	---	---	---	---	---	21,4	---	---	---	---	< 0,1
Cianuro Total	mg/L	---	---	---	---	---	---	< 0,010	---	---	---	< 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	< 0,1000	< 0,1000
Clorfeninfos	µg/L	---	---	---	---	---	---	< 0,020	---	---	---	---	< 0,020
Cloro residual total	mg/L	0,12	0,06	< 0,05	0,06	0,06	< 0,05	< 0,05	< 0,05	< 0,05	0,06	< 0,05	< 0,05
Clorobenceno	µg/L	---	---	---	---	---	---	< 1,00	---	---	---	---	< 1,00
Cloroforno	µg/L	---	---	---	---	---	---	< 2,50	---	---	---	---	< 2,50
Clorpirifos	µg/L	---	---	---	---	---	---	< 0,020	---	---	---	---	< 0,020
Cloruros	mg/L	---	---	---	---	---	---	26,0	---	---	---	---	18,6
Cobalto	mg/L	< 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	< 0,1000	< 0,1000
Color	mg/L	---	---	---	---	---	---	12,5	---	---	---	---	36,2
Compuestos fenólicos	mg/L	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050
Conductividad a 20 °C	µS/cm	---	269	---	356	---	395	396	---	364	363	---	320
Cromo	µg/L	---	---	---	---	---	---	< 2,500	---	---	---	---	---



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Página: 3

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Cromo	mg/L	---	---	---	---	---	---	---	---	---	---	---	< 0,025000
Cryseno	µg/L	---	---	---	---	---	---	< 0,020	---	---	---	---	< 0,020
D.B.O. 5d	mg/L	3,2	2,1	1,8	4,0	3,3	3,9	5,3	6,5	3,6	5,1	1,5	2,3
Desetilatrizina	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
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	---	---	---	---	---	---	6,1	---	---	---	---	8,7
D.Q.O. 2h	mg/L	---	---	---	---	---	---	32	---	---	---	---	< 20
Dureza total	mg/L	---	---	---	---	---	---	156,2	---	---	---	---	126,3
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	< 0,1000	---	---	---	< 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	< 0,050
Fluoranteno	µg/L	---	---	---	---	---	---	< 0,020	---	---	---	---	< 0,020
Fluoreno	µg/L	---	---	---	---	---	---	< 0,020	---	---	---	---	< 0,020



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Resultados de análisis por punto de control

Página: 4

Código: GN00000149

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

Cauce: RIO ARDILA

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Fluoruros	mg/L	---	---	---	---	---	---	0,24	---	---	---	---	0,18
Fosfatos	mg/L	---	---	---	---	---	---	0,15	---	---	---	---	0,82
Fósforo total	mg/L	0,1203	0,2178	0,1859	< 0,1000	0,1294	0,1219	< 0,1000	< 0,1000	< 0,1000	< 0,1000	0,2424	0,2656
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
Hidrocarburos de origen petrolero	-----	No	No	No	No	No	No	No	No	No	No	No	No
Hidróxidos	mg/L	---	---	---	---	---	---	< 0,1	---	---	---	---	< 0,1
Hierro	mg/L	< 0,1000	0,3318	0,2616	---	---	---	< 0,1000	---	---	---	---	0,1663
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 (g-HCH)	µg/L	---	---	---	---	---	---	< 0,020	---	---	---	---	< 0,020
Magnesio	mg/L	---	---	---	---	---	---	17,5500	---	---	---	---	12,8500
Malatión	µg/L	---	---	---	---	---	---	< 0,050	---	---	---	---	< 0,050
Manganeso	mg/L	< 0,1000	< 0,1000	< 0,1000	---	---	---	< 0,1000	---	---	---	---	< 0,1000
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



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Página: 5

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MTBE	µg/L	---	---	---	---	---	---	< 2,50	---	---	---	---	< 2,50
Naftaleno	µg/L	---	---	---	---	---	---	< 2,50	---	---	---	---	< 2,50
Níquel	mg/L	< 0,0500	< 0,0500	< 0,0500	---	---	---	< 0,0500	---	---	---	---	< 0,0500
Nitratos	mg/L	---	---	---	---	---	---	< 1,0	---	---	---	---	6,0
Nitritos	mg/L	< 0,05	< 0,05	< 0,05	< 0,05	< 0,05	< 0,05	< 0,05	< 0,05	< 0,05	< 0,05	< 0,05	< 0,05
Olor	-----	---	---	---	---	---	---	0	---	---	---	---	0
Oxifluorfen	µg/L	---	---	---	---	---	---	< 0,020	---	---	---	---	< 0,020
Oxígeno disuelto	mg/L	9,4	8,8	9,7	8,5	8,6	8,1	10,5	9,7	6,7	6,1	7,1	8,0
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
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	8,1	8,0	8,0	8,8	8,9	9,0	8,8	9,3	9,0	8,3	7,9	7,9
Pireno	µg/L	---	---	---	---	---	---	< 0,010	---	---	---	---	< 0,010
Plomo	µg/L	---	---	---	---	---	---	< 1,000	---	---	---	---	---
Plomo	mg/L	---	---	---	---	---	---	---	---	---	---	---	< 0,025000
Potasio	mg/L	---	---	---	---	---	---	3,3870	---	---	---	---	4,3980
PP-DDD (4,4-DDD)	µg/L	---	---	---	---	---	---	< 0,020	---	---	---	---	< 0,020
PP-DDE (4,4-DDE)	µg/L	---	---	---	---	---	---	< 0,020	---	---	---	---	< 0,020
PP-DDT (4,4-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



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Recuento de Coliformes fecales	UFC/100	---	---	---	---	---	---	10	---	---	---	---	71
Recuento de Coliformes totales	UFC/100	---	---	---	---	---	---	10000	---	---	---	---	2500
Recuento de Estreptococos fecales	UFC/100	---	---	---	---	---	---	23	---	---	---	---	34
Selenio	µg/L	---	---	---	---	---	---	< 1,000	---	---	---	---	---
Selenio	mg/L	---	---	---	---	---	---	---	---	---	---	---	< 0,025000
Sílice	mg/L	4,1200	15,4000	14,3300	---	---	---	0,8777	---	---	---	---	13,4900
Simazina	µg/L	---	---	---	---	---	---	< 0,020	---	---	---	---	< 0,020
Simetrín	µg/L	---	---	---	---	---	---	< 0,020	---	---	---	---	< 0,020
Sodio	mg/L	---	---	---	---	---	---	27,9900	---	---	---	---	19,2500
Sólidos en Suspensión	mg/L	< 10	16	15	< 10	< 10	11	< 10	18	34	10	10	< 10
Sulfatos	mg/L	---	---	---	---	---	---	18,2	---	---	---	---	15,1
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
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	---	---	---	---	< 1,00
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	---	---	---	---	< 1,00
1,3,5-triclorobenceno	µg/L	---	---	---	---	---	---	< 1,00	---	---	---	---	< 1,00
1,4-diclorobenceno	µg/L	---	---	---	---	---	---	< 2,50	---	---	---	---	< 1,00