Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
Fecha: 02-02-2016	Resultados de análisis por punto de control		Página: 1

Código: GN00000149 **Nombre del punto:** RIO ARDILA - R. 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

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% Oxígeno (in situ)	% SAT	97,7	89,3	92,0	---	137,1	27,4	144,1	32,6	62,7	103,2	41	69,6
Cloro residual total (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Color aparente (in situ)	-----	---	---	---	---	---	---	---	---	---	---	---	---
Conductividad a 20 ºC (in situ)	µS/cm	390	406	414	---	452	445	404	428	429	451	471	468
Nitritos (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Olor (in situ)	-----	---	---	---	---	---	---	---	---	---	---	---	---
Oxígeno disuelto (in situ)	mg/L	10,5	9,4	9,6	---	11,5	2,3	11,1	2,8	5	8,8	4,1	7,4
pH (in situ)	pH	8,1	8,0	7,9	---	8,5	7,8	8,9	8,5	8,4	8,2	7,1	7,4
Temperatura del agua "in situ" (in situ)	ºC	9,8	12,0	13,0	---	23,1	22,7	27,9	23,5	25	22	14,5	12
Acenafteno	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Agentes tensoactivos (aniónicos)	mg/L	---	---	---	< 0,1	---	< 0,1	---	---	---	---	---	< 0,1
a-hch	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Alaclor	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Alcalinidad total	mg/L	---	---	---	167,1	---	164,5	---	---	---	---	---	163,7
Aldrín	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Aluminio	mg/L	---	---	---	< 0,1000	---	< 0,1000	< 0,1000	---	---	< 0,1000	< 0,1000	< 0,1000
Ametrin	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Amonio no ionizado	mg/L	0,004	0,025	0,027	0,028	0,003	0,009	0,047	0,029	0,009	0,010	0,003	0,004
Amonio total	mg/L	< 0,05	0,20	0,22	0,09	< 0,05	0,09	0,08	0,23	0,05	0,10	0,14	0,10
Antraceno	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Arsénico	µg/L	---	---	---	5,583	---	9,450	---	---	---	---	---	3,722
Atraton	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
atrazina	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Bario	mg/L	---	---	---	0,0500	---	0,0535	< 0,0500	---	---	0,0590	0,0599	0,0584
Benceno	µg/L	---	---	---	< 1,00	---	< 1,00	---	---	---	---	---	< 1,00
Benzo(a)Antraceno	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020

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Benzo(a,h)Antraceno (Dibenzo(a,h)antraceno)	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Benzo(a)Pireno	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Benzo(b)Fluoranteno	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Benzo(g,h,l)Perileno	µg/L	---	---	---	< 0,040	---	< 0,040	---	---	---	---	---	< 0,040
Benzo(k)Fluoranteno	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
b-hch	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Bicarbonatos	mg/L	---	---	---	141,6	---	164,5	---	---	---	---	---	163,7
Boro	mg/L	---	---	---	< 0,1000	---	< 0,1000	< 0,1000	---	---	< 0,1000	< 0,1000	< 0,1000
Bromodiclorometano	µg/L	---	---	---	< 1,00	---	< 1,00	---	---	---	---	---	< 1,00
Bromoformo	µg/L	---	---	---	< 1,00	---	< 1,00	---	---	---	---	---	< 1,00
Cadmio	µg/L	---	---	---	< 0,100	---	< 0,100	---	---	---	---	---	< 0,100
Calcio	mg/L	---	---	---	38,0400	---	29,1500	---	---	---	---	---	28,6900
Carbonatos	mg/L	---	---	---	25,5	---	< 0,1	---	---	---	---	---	< 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
Clorfenvinfos	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Cloro residual total	mg/L	< 0,05	0,06	< 0,05	0,06	0,07	---	0,06	0,09	0,06	0,07	0,07	0,06
Clorobenceno	µg/L	---	---	---	< 1,00	---	< 1,00	---	---	---	---	---	< 1,00
Cloroformo	µg/L	---	---	---	< 2,50	---	< 2,50	---	---	---	---	---	< 2,50
Clorpirifos	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Cloruros	mg/L	---	---	---	28,9	---	30,3	---	---	---	---	---	39,5
Cobalto	mg/L	---	---	---	< 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	< 0,1000	< 0,1000
Color	mg/L	---	---	---	13,0	---	12,0	---	---	---	---	---	21,9
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
Conductividad a 20 ºC	µS/cm	359	383	398	378	405	398	361	372	386	447	415	422
Cromo	µg/L	---	---	---	< 5,000	---	< 5,000	---	---	---	---	---	< 5,000
Criseno	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020

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D.B.O. 5d	mg/L	2,9	2,8	2,8	6,1	1,9	2,2	7,5	4,0	4,4	6,5	2,4	8,1
Desetilatrazina	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Desisopropilatrazina	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
d-hch	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Diazinon	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Dibromoclorometano	µg/L	---	---	---	< 2,50	---	< 2,50	---	---	---	---	---	< 2,50
Diclorometano	µg/L	---	---	---	< 2,50	---	< 2,50	---	---	---	---	---	< 2,50
Dieldrín	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Diuron	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
D.Q.O. 10min (Índice de Permanganato)	mg/L	---	---	---	7,6	---	6,2	---	---	---	---	---	6,7
D.Q.O. 2h	mg/L	---	---	---	25	---	< 20	---	---	---	---	---	< 20
Dureza total	mg/L	---	---	---	178,2	---	144,6	---	---	---	---	---	159,3
Endosulfán I	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Endosulfán II	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Endosulfán Sulfato	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Endrín	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Endrín Aldehido	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Estaño	mg/L	---	---	---	< 0,1000	---	< 0,1000	< 0,1000	---	---	< 0,1000	< 0,1000	< 0,1000
Estireno	µg/L	---	---	---	< 1,00	---	< 1,00	---	---	---	---	---	< 1,00
Estroncio	mg/L	---	---	---	< 0,5000	---	< 0,5000	---	---	---	---	---	< 0,5000
Etilbenceno	µg/L	---	---	---	< 2,50	---	< 2,50	---	---	---	---	---	< 2,50
Etil-Paratión	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Fenantreno	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Fenoles	mg/L	---	---	---	< 0,050	---	< 0,050	---	---	---	---	---	< 0,050
Fluoranteno	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Fluoreno	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Fluoruros	mg/L	---	---	---	0,19	---	0,20	---	---	---	---	---	0,23
Fosfatos	mg/L	---	---	---	0,11	---	0,32	---	---	---	---	---	0,06

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Fósforo total	mg/L	0,1851	0,1044	0,1135	< 0,1000	0,1126	0,1256	0,3155	0,1750	< 0,1000	0,1030	< 0,1000	< 0,1000
Glifosato	µg/L	---	---	---	< 0,050	---	< 0,050	---	---	---	---	---	< 0,050
Heptacloro	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Heptacloro epóxido	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Hexaclorobenceno	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Hexaclorobutadieno	µg/L	---	---	---	< 2,50	---	< 2,50	---	---	---	---	---	< 2,50
Hidrocarburos de origen petrolero	-----	No	No	No	No	No	---	No	No	No	No	No	No
Hidróxidos	mg/L	---	---	---	< 0,1	---	< 0,1	---	---	---	---	---	< 0,1
Hierro	mg/L	---	---	---	< 0,1000	---	< 0,1000	< 0,1000	---	---	0,1378	0,1245	0,1676
Imazalil	µg/L	---	---	---	< 0,050	---	< 0,050	---	---	---	---	---	< 0,050
Indeno(1,2,3-cd)Pireno	µg/L	---	---	---	< 0,050	---	< 0,050	---	---	---	---	---	< 0,050
Investigación de Salmonella sp.	-----	---	---	---	Salmonella no Detect	---	Salmonella no Detect	---	---	---	---	---	---
Isodrín	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Isoproturon	µg/L	---	---	---	0,029	---	< 0,020	---	---	---	---	---	< 0,020
Lindano (g-HCH)	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Magnesio	mg/L	---	---	---	20,1800	---	17,4200	---	---	---	---	---	21,2500
Malatión	µg/L	---	---	---	< 0,050	---	< 0,050	---	---	---	---	---	< 0,050
Manganeso	mg/L	---	---	---	0,1058	---	< 0,1000	< 0,1000	---	---	< 0,1000	< 0,1000	< 0,1000
MCPA	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Mercurio	mg/L	---	---	---	< 0,000050	---	< 0,000050	---	---	---	---	---	< 0,000050
Metil Paratión	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Metilclorpirifos	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Metolaclor	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Molinate	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
m,p-xileno	µg/L	---	---	---	< 2,00	---	< 2,00	---	---	---	---	---	< 2,00
MTBE	µg/L	---	---	---	< 2,50	---	< 2,50	---	---	---	---	---	< 2,50
Naftaleno	µg/L	---	---	---	< 2,50	---	< 2,50	---	---	---	---	---	< 2,50

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Níquel	mg/L	---	---	---	< 0,0500	---	< 0,0500	< 0,0500	---	---	< 0,0500	< 0,0500	< 0,0500
Nitratos	mg/L	---	---	---	< 1,0	---	< 1,0	---	---	---	---	---	2,8
Nitritos	mg/L	< 0,05	< 0,05	0,047	0,010	< 0,010	---	< 0,010	< 0,010	< 0,010	0,055	0,105	0,103
Olor	-----	---	---	---	0	---	0	---	---	---	---	---	0
Oxifluorfen	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Oxígeno disuelto	mg/L	10,7	10,6	10,0	10,9	9,3	---	8,0	8,0	5,9	8,0	7,6	9,0
o-xileno	µg/L	---	---	---	< 1,00	---	< 1,00	---	---	---	---	---	< 1,00
PCB 101	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
PCB 118	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
PCB 138	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
PCB 153	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
PCB 180	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
PCB 28	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
PCB 52	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Pentaclorobenceno	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
pH	pH	8,3	8,4	8,4	8,9	8,9	8,3	9,4	8,4	8,6	8,3	7,6	7,9
Pireno	µg/L	---	---	---	< 0,010	---	< 0,010	---	---	---	---	---	< 0,010
Plomo	µg/L	---	---	---	< 1,000	---	< 1,000	---	---	---	---	---	< 1,000
Potasio	mg/L	---	---	---	3,8350	---	4,3570	---	---	---	---	---	5,1750
PP-DDD (4,4-DDD)	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
PP-DDE (4,4-DDE)	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
PP-DDT (4,4-DDT)	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Prometon	µg/L	---	---	---	< 0,050	---	< 0,050	---	---	---	---	---	< 0,050
Prometrin	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Propazina	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Recuento de Coliformes fecales	UFC/100	---	---	---	< 10	---	35	---	---	---	---	---	---
Recuento de Coliformes totales	UFC/100	---	---	---	250	---	100000	---	---	---	---	---	---

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Recuento de Estreptococos fecales	UFC/100	---	---	---	< 10	---	29	---	---	---	---	---	---
Selenio	µg/L	---	---	---	< 2,000	---	< 2,000	---	---	---	---	---	< 1,000
Sílice	mg/L	---	---	---	5,2630	---	2,6750	1,6240	---	---	< 0,8560	2,1470	2,9820
Simazina	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Simetrín	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Sodio	mg/L	---	---	---	26,2300	---	26,0900	---	---	---	---	---	29,6300
Sólidos en Suspensión	mg/L	< 10	< 10	< 10	13	< 10	< 10	12	< 10	< 10	18	< 10	14
Sulfatos	mg/L	---	---	---	21,3	---	17,0	---	---	---	---	---	27,4
Terbutilazina	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Terbutrín	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
Tetracloroetileno (Percloroetileno)	µg/L	---	---	---	< 2,50	---	< 2,50	---	---	---	---	---	< 2,50
Tetracloruro de Carbono	µg/L	---	---	---	< 2,50	---	< 2,50	---	---	---	---	---	< 2,50
Tolueno	µg/L	---	---	---	< 2,50	---	< 2,50	---	---	---	---	---	< 2,50
Tricloroetileno	µg/L	---	---	---	< 2,50	---	< 2,50	---	---	---	---	---	< 2,50
Trifluralín	µg/L	---	---	---	< 0,020	---	< 0,020	---	---	---	---	---	< 0,020
1,1,1-tricloroetano	µg/L	---	---	---	< 1,00	---	< 1,00	---	---	---	---	---	< 1,00
1,2-diclorobenceno	µg/L	---	---	---	< 1,00	---	< 1,00	---	---	---	---	---	< 1,00
1,2-Dicloroetano	µg/L	---	---	---	< 2,50	---	< 2,50	---	---	---	---	---	< 2,50
1,2,3-triclorobenceno	µg/L	---	---	---	< 1,00	---	< 1,00	---	---	---	---	---	< 1,00
1,2,4-triclorobenceno	µg/L	---	---	---	< 1,00	---	< 1,00	---	---	---	---	---	< 1,00
1,3-diclorobenceno	µg/L	---	---	---	< 1,00	---	< 1,00	---	---	---	---	---	< 1,00
1,3,5-triclorobenceno	µg/L	---	---	---	< 1,00	---	< 1,00	---	---	---	---	---	< 1,00
1,4-diclorobenceno	µg/L	---	---	---	< 1,00	---	< 1,00	---	---	---	---	---	< 1,00