Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
Fecha: 03-01-2017	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

		ENERO 25-01-2016	FEBRERO 22-02-2016	MARZO 28-03-2016	ABRIL 19-04-2016	MAYO 05-05-2016	JUNIO 21-06-2016	JULIO 05-07-2016	AGOSTO 16-08-2016	SEPTIEMBRE 05-09-2016	OCTUBRE 05-10-2016	NOVIEMBRE 21-11-2016	DICIEMBRE 01-12-2016
% Oxígeno (in situ)	% SAT	89,4	94,3	124,3	131	99	237	187,4	83,4	125,3	25,2	29,2	---
Cloro residual total (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Color aparente (in situ)	-----	---	---	---	---	---	---	---	---	---	---	---	---
Conductividad a 20 ºC (in situ)	µS/cm	492	505	522	510	525	394	398	387	374	416	418	417
Nitritos (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Olor (in situ)	-----	---	---	---	---	---	---	---	---	---	---	---	---
Oxígeno disuelto (in situ)	mg/L	8,9	9,6	12,4	7,5	8,9	18,6	13,9	6,5	9,6	2,1	2,8	---
pH (in situ)	pH	7,6	7,6	7,8	8,6	8,6	9,5	9,4	8,8	9,2	7,9	7,3	7,3
Temperatura del agua "in situ" (in situ)	ºC	13,4	13,2	14,4	17,7	19,2	26,2	29,3	26	27,3	22,3	15	13,4
Acenafteno	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	---	---	---	---	---	152,2	---	---	---	---	---	149,2
Aldrín	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020
Aluminio	mg/L	< 0,1000	< 0,1000	---	---	---	< 0,1000	---	---	---	---	---	< 0,1000
Ametrin	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020
Amonio no ionizado	mg/L	0,002	0,011	0,014	0,018	0,004	0,071	0,047	0,006	0,033	0,011	0,008	0,006
Amonio total	mg/L	< 0,05	0,16	< 0,05	0,08	< 0,05	0,17	0,08	< 0,05	0,08	0,41	0,28	0,12
Antraceno	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020
Arsénico	µg/L	---	---	---	---	---	---	---	---	---	---	---	8,196
Atraton	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020
atrazina	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020
Bario	mg/L	0,0611	0,0680	---	---	---	0,0556	---	---	---	---	---	< 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,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	---	---	---	---	---	115,9	---	---	---	---	---	149,2
Boro	mg/L	< 0,1000	< 0,1000	---	---	---	< 0,1000	---	---	---	---	---	< 0,1000
Bromodiclorometano	µg/L	---	---	---	---	---	< 1,00	---	---	---	---	---	< 1,00
Bromoformo	µg/L	---	---	---	---	---	< 1,00	---	---	---	---	---	< 1,00
Cadmio	µg/L	---	---	---	---	---	---	---	---	---	---	---	< 0,100
Calcio	mg/L	---	---	---	---	---	33,0800	---	---	---	---	---	26,5100
Carbonatos	mg/L	---	---	---	---	---	36,2	---	---	---	---	---	< 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
Cloro residual total	mg/L	< 0,05	0,06	< 0,05	< 0,05	< 0,05	---	< 0,05	0,06	< 0,05	0,06	0,09	0,06
Clorobenceno	µg/L	---	---	---	---	---	< 1,00	---	---	---	---	---	< 1,00
Cloroformo	µg/L	---	---	---	---	---	< 2,50	---	---	---	---	---	< 2,50
Clorpirifos	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020
Cloruros	mg/L	---	---	---	---	---	27,3	---	---	---	---	---	34,9
Cobalto	mg/L	< 0,0500	< 0,0500	---	---	---	< 0,0500	---	---	---	---	---	< 0,0500
Cobre	µg/L	---	1,279	1,895	1,539	1,727	---	---	1,104	---	---	---	1,029
Cobre	mg/L	< 0,1000	---	---	---	---	< 0,1000	< 0,1000	---	< 0,1000	< 0,1000	< 0,1000	---
Color	mg/L	---	---	---	---	---	22,5	---	---	---	---	---	14,9
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	< 0,050
Conductividad a 20 ºC	µS/cm	---	---	463	460	---	364	366	341	341	---	386	390
Cromo	µg/L	---	---	---	---	---	---	---	---	---	---	---	< 5,000

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Cryseno	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020
D.B.O. 5d	mg/L	3,1	2,0	< 0,4	5,2	2,6	42,2	13,2	8,5	7,4	7,3	5,5	2,3
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
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	---	---	---	---	---	28,6	---	---	---	---	---	8,6
D.Q.O. 2h	mg/L	---	---	---	---	---	169	---	---	---	---	---	22
Dureza total	mg/L	---	---	---	---	---	152,9	---	---	---	---	---	139,9
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 Aldehido	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020
Estaño	mg/L	< 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
Fluoruros	mg/L	---	---	---	---	---	0,20	---	---	---	---	---	0,22

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Fosfatos	mg/L	---	---	---	---	---	< 0,05	---	---	---	---	---	0,16
Fósforo total	mg/L	< 0,1000	< 0,1000	< 0,1000	< 0,1000	0,1065	0,5109	0,1182	< 0,1000	< 0,1000	0,1676	0,1701	< 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
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	0,1142	0,1778	---	---	---	< 0,1000	---	---	---	---	---	0,1135
Imazalil	µg/L	---	---	---	---	---	< 0,050	---	---	---	---	---	< 0,050
Indeno(1,2,3-cd)Pireno	µg/L	---	---	---	---	---	< 0,050	---	---	---	---	---	< 0,050
Isodrín	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	---	---	---	---	---	17,0500	---	---	---	---	---	17,8700
Malatión	µg/L	---	---	---	---	---	< 0,050	---	---	---	---	---	< 0,050
Manganeso	mg/L	< 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
MTBE	µg/L	---	---	---	---	---	< 2,50	---	---	---	---	---	< 2,50
Naftaleno	µg/L	---	---	---	---	---	< 2,50	---	---	---	---	---	< 2,50
Níquel	µg/L	---	---	---	---	---	---	---	---	---	---	---	< 5,000

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Níquel	mg/L	< 0,0500	< 0,0500	---	---	---	< 0,0500	---	---	---	---	---	---
Nitratos	mg/L	---	---	---	---	---	< 1,0	---	---	---	---	---	3,4
Nitritos	mg/L	0,031	0,057	0,042	0,030	< 0,020	---	< 0,020	< 0,020	< 0,020	< 0,020	0,135	0,139
Olor	-----	---	---	---	---	---	0	---	---	---	---	---	0
Oxifluorfen	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020
Oxígeno disuelto	mg/L	10,1	9,8	9,1	11,5	8,2	8,7	12,2	6,6	8,3	1,0	6,4	7,2
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	8,1	9,0	8,7	8,7	9,1	9,4	8,9	9,1	7,7	7,7	8,0
Pireno	µg/L	---	---	---	---	---	< 0,010	---	---	---	---	---	< 0,010
Plomo	µg/L	---	---	---	---	---	---	---	---	---	---	---	< 1,000
Potasio	mg/L	---	---	---	---	---	6,1710	---	---	---	---	---	7,6520
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
Selenio	µg/L	---	---	---	---	---	---	---	---	---	---	---	< 1,000
Sílice	mg/L	3,6680	3,0290	---	---	---	10,2700	---	---	---	---	---	6,7790
Simazina	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020

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Simetrín	µg/L	---	---	---	---	---	< 0,020	---	---	---	---	---	< 0,020
Sodio	mg/L	---	---	---	---	---	25,2300	---	---	---	---	---	32,4100
Sólidos en Suspensión	mg/L	< 10	< 10	< 10	< 10	15	116	14	23	20	12	< 10	< 10
Sulfatos	mg/L	---	---	---	---	---	17,7	---	---	---	---	---	17,3
Temperatura del agua "in situ"	ºC	---	---	---	---	---	---	---	---	27,3	---	---	---
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	---	---	---	---	---	< 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