

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

Código: GN00000171	Nombre del punto: ARROYO DE LA VAL - E. Llerena - Llerena - Centro de presa	Cauce: ARROYO DE LA VAL
Código de la masa de agua: 20648	Nombre de la masa de agua: EMBALSE DE LLERENA	
Localidad: Higuera de Llerena	Provincia: Badajoz	UTM X: 245480 UTM Y: 4244847 Huso: 30

		ENERO	FEBRERO	MARZO 10-03-2015	ABRIL	MAYO	JUNIO 15-06-2015	JULIO	AGOSTO	SEPTIEMBRE 02-09-2015	OCTUBRE	NOVIEMBRE	DICIEMBRE 02-12-2015
% Oxígeno (in situ)	% SAT	---	---	109,4	---	---	93,8	---	---	101,7	---	---	98,4
Cloro residual total (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Color aparente (in situ)	-----	---	---	---	---	---	---	---	---	---	---	---	---
Conductividad a 20 °C (in situ)	µS/cm	---	---	343	---	---	316	---	---	331	---	---	341
Nitritos (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Olor (in situ)	-----	---	---	---	---	---	---	---	---	---	---	---	---
Oxígeno disuelto (in situ)	mg/L	---	---	11,0	---	---	8,1	---	---	8	---	---	9,9
pH (in situ)	pH	---	---	8,6	---	---	8,3	---	---	8,3	---	---	8,4
Temperatura del agua "in situ" (in situ)	°C	---	---	12,7	---	---	20	---	---	24,7	---	---	13,3
Acenafeno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Agentes tensoactivos (aniónicos)	mg/L	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1
a-hch	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Alaclor	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Alcalinidad total	mg/L	---	---	150,8	---	---	127,0	---	---	134,2	---	---	140,1
Aldrin	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Aluminio	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Ametrin	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Amonio total	mg/L	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05
Antraceno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Arsénico	µg/L	---	---	1,389	---	---	1,711	---	---	2,684	---	---	2,306
Atraton	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
atrazina	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Bario	mg/L	---	---	0,1302	---	---	0,1225	---	---	0,1272	---	---	0,1251
Benceno	µg/L	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
Benzo(a)Antraceno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Benzo(a,h)Antraceno (Dibenzo(a,h)antraceno)	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
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Código: GN00000171	Nombre del punto: ARROYO DE LA VAL - E. Llerena - Llerena - Centro de presa	Cauce: ARROYO DE LA VAL
Código de la masa de agua: 20648	Nombre de la masa de agua: EMBALSE DE LLERENA	
Localidad: Higuera de Llerena	Provincia: Badajoz	UTM X: 245480 UTM Y: 4244847 Huso: 30

		ENERO	FEBRERO	MARZO 10-03-2015	ABRIL	MAYO	JUNIO 15-06-2015	JULIO	AGOSTO	SEPTIEMBRE 02-09-2015	OCTUBRE	NOVIEMBRE	DICIEMBRE 02-12-2015
Benzo(a)Pireno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Benzo(b)Fluoranteno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Benzo(g,h,i)Perileno	µg/L	---	---	< 0,040	---	---	< 0,040	---	---	< 0,040	---	---	< 0,040
Benzo(k)Fluoranteno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
b-hch	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Bicarbonatos	mg/L	---	---	145,0	---	---	121,6	---	---	134,2	---	---	140,1
Boro	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Bromodichlorometano	µg/L	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
Bromoforno	µg/L	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
Cadmio	µg/L	---	---	< 0,100	---	---	< 0,100	---	---	< 0,100	---	---	< 0,100
Calcio	mg/L	---	---	47,0100	---	---	35,4800	---	---	34,7800	---	---	44,0400
Carbonatos	mg/L	---	---	5,8	---	---	5,5	---	---	< 0,1	---	---	< 0,1
Cianuro Total	mg/L	---	---	< 0,010	---	---	< 0,010	---	---	< 0,010	---	---	< 0,010
Cinc	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Clorfeninfos	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Clorobenceno	µg/L	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
Cloroforno	µg/L	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Clorpirifos	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Cloruros	mg/L	---	---	17,9	---	---	21,5	---	---	21,1	---	---	22,2
Cobalto	mg/L	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500
Cobre	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Color	mg/L	---	---	7,1	---	---	< 5,0	---	---	< 5,0	---	---	7,1
Conductividad a 20 °C	µS/cm	---	---	347	---	---	314	---	---	315	---	---	317
Cromo	µg/L	---	---	< 5,000	---	---	< 5,000	---	---	< 5,000	---	---	< 5,000
Criseno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
D.B.O. 5d	mg/L	---	---	0,9	---	---	1,7	---	---	1,8	---	---	7,6
Desetilatrazina	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Desisopropilatrazina	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
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Código: GN00000171	Nombre del punto: ARROYO DE LA VAL - E. Llerena - Llerena - Centro de presa	Cauce: ARROYO DE LA VAL
Código de la masa de agua: 20648	Nombre de la masa de agua: EMBALSE DE LLERENA	
Localidad: Higuera de Llerena	Provincia: Badajoz	UTM X: 245480 UTM Y: 4244847 Huso: 30

		ENERO	FEBRERO	MARZO 10-03-2015	ABRIL	MAYO	JUNIO 15-06-2015	JULIO	AGOSTO	SEPTIEMBRE 02-09-2015	OCTUBRE	NOVIEMBRE	DICIEMBRE 02-12-2015
d-hch	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Diazinon	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Dibromoclorometano	µg/L	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Diclorometano	µg/L	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Dieldrín	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Diuron	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
D.Q.O. 10min (Índice de Permanganato)	mg/L	---	---	3,1	---	---	3,1	---	---	3,1	---	---	5,7
D.Q.O. 2h	mg/L	---	---	< 20	---	---	< 20	---	---	< 20	---	---	41
Dureza total	mg/L	---	---	162,7	---	---	132,0	---	---	132,1	---	---	161,2
Endosulfán I	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Endosulfán II	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Endosulfán Sulfato	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Endrín	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Endrín Aldehído	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Estaño	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Estireno	µg/L	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
Estroncio	mg/L	---	---	< 0,5000	---	---	< 0,5000	---	---	< 0,5000	---	---	< 0,5000
Etilbenceno	µg/L	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Etil-Paratión	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Fenantreno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Fenoles	mg/L	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050
Fluoranteno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Fluoreno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Fluoruros	mg/L	---	---	0,20	---	---	0,24	---	---	0,26	---	---	0,25
Fosfatos	mg/L	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05
Fósforo total	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	0,2661	---	---	< 0,1000
Glifosato	µg/L	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050
Heptacloro	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
	Fecha: 02-02-2016	Resultados de análisis por punto de control		Página: 4

Código: GN00000171	Nombre del punto: ARROYO DE LA VAL - E. Llerena - Llerena - Centro de presa	Cauce: ARROYO DE LA VAL
Código de la masa de agua: 20648	Nombre de la masa de agua: EMBALSE DE LLERENA	
Localidad: Higuera de Llerena	Provincia: Badajoz	UTM X: 245480 UTM Y: 4244847 Huso: 30

		ENERO	FEBRERO	MARZO 10-03-2015	ABRIL	MAYO	JUNIO 15-06-2015	JULIO	AGOSTO	SEPTIEMBRE 02-09-2015	OCTUBRE	NOVIEMBRE	DICIEMBRE 02-12-2015
Heptacloro epóxido	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Hexaclorobenceno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Hexaclorobutadieno	µg/L	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Hidróxidos	mg/L	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1
Hierro	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Imazalil	µg/L	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050
Indeno(1,2,3-cd)Pireno	µg/L	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050
Investigación de Salmonella Sp.	-----	---	---	Salmonella no Detect	---	---	Salmonella no Detect	---	---	Salmonella no Detect	---	---	---
Isodrin	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Isoproturon	µg/L	---	---	0,083	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Lindano (g-HCH)	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Magnesio	mg/L	---	---	10,9600	---	---	10,5100	---	---	10,9700	---	---	12,4000
Malatión	µg/L	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050
Manganeso	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
MCPA	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Mercurio	mg/L	---	---	< 0,000050	---	---	< 0,000050	---	---	< 0,000050	---	---	< 0,000050
Metil Paratión	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Metilclorpirifos	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Metolaclor	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Molinate	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
m,p-xileno	µg/L	---	---	< 2,00	---	---	< 2,00	---	---	< 2,00	---	---	< 2,00
MTBE	µg/L	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Naftaleno	µg/L	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Níquel	mg/L	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500
Nitratos	mg/L	---	---	2,6	---	---	< 1,0	---	---	< 1,0	---	---	< 1,0
Olor	-----	---	---	0	---	---	0	---	---	0	---	---	0
Oxifluorfen	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
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Código: GN00000171	Nombre del punto: ARROYO DE LA VAL - E. Llerena - Llerena - Centro de presa	Cauce: ARROYO DE LA VAL
Código de la masa de agua: 20648	Nombre de la masa de agua: EMBALSE DE LLERENA	
Localidad: Higuera de Llerena	Provincia: Badajoz	UTM X: 245480 UTM Y: 4244847 Huso: 30

		ENERO	FEBRERO	MARZO 10-03-2015	ABRIL	MAYO	JUNIO 15-06-2015	JULIO	AGOSTO	SEPTIEMBRE 02-09-2015	OCTUBRE	NOVIEMBRE	DICIEMBRE 02-12-2015
o-xileno	µg/L	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
PCB 101	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
PCB 118	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
PCB 138	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
PCB 153	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
PCB 180	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
PCB 28	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
PCB 52	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Pentaclorobenceno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
pH	pH	---	---	8,4	---	---	8,3	---	---	8,3	---	---	8,1
Pireno	µg/L	---	---	< 0,010	---	---	< 0,010	---	---	< 0,010	---	---	< 0,010
Plomo	µg/L	---	---	< 1,000	---	---	< 1,000	---	---	< 1,000	---	---	< 1,000
Potasio	mg/L	---	---	2,0950	---	---	1,9370	---	---	2,2920	---	---	2,6030
PP-DDD (4,4-DDD)	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
PP-DDE (4,4-DDE)	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
PP-DDT (4,4-DDT)	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Prometon	µg/L	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050
Prometrin	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Propazina	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Recuento de Coliformes fecales	UFC/100	---	---	11	---	---	74	---	---	18	---	---	---
Recuento de Coliformes totales	UFC/100	---	---	< 10	---	---	2100	---	---	6100	---	---	---
Recuento de Streptococos fecales	UFC/100	---	---	< 10	---	---	34	---	---	< 10	---	---	---
Selenio	µg/L	---	---	< 2,000	---	---	< 2,000	---	---	< 2,000	---	---	< 1,000
Sílice	mg/L	---	---	< 0,8560	---	---	2,0700	---	---	1,1860	---	---	< 0,8560
Simazina	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Simetrín	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Sodio	mg/L	---	---	14,4600	---	---	15,6300	---	---	15,6000	---	---	18,3500

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Código: GN00000171	Nombre del punto: ARROYO DE LA VAL - E. Llerena - Llerena - Centro de presa	Cauce: ARROYO DE LA VAL
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Localidad: Higuera de Llerena	Provincia: Badajoz	UTM X: 245480 UTM Y: 4244847 Huso: 30

		ENERO	FEBRERO	MARZO 10-03-2015	ABRIL	MAYO	JUNIO 15-06-2015	JULIO	AGOSTO	SEPTIEMBRE 02-09-2015	OCTUBRE	NOVIEMBRE	DICIEMBRE 02-12-2015
Sólidos en Suspensión	mg/L	---	---	< 10	---	---	< 10	---	---	< 10	---	---	17
Sulfatos	mg/L	---	---	15,6	---	---	22,9	---	---	16,4	---	---	16,7
Terbutilazina	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Terbutrín	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Tetracloroetileno (Percloroetileno)	µg/L	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Tetracloruro de Carbono	µg/L	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Tolueno	µg/L	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Tricloroetileno	µg/L	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
Trifluralín	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
1,1,1-tricloroetano	µg/L	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
1,2-diclorobenceno	µg/L	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
1,2-Dicloroetano	µg/L	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
1,2,3-triclorobenceno	µg/L	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
1,2,4-triclorobenceno	µg/L	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
1,3-diclorobenceno	µg/L	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
1,3,5-triclorobenceno	µg/L	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
1,4-diclorobenceno	µg/L	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00