

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
	Fecha: 03-01-2017	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 08-03-2016	ABRIL	MAYO	JUNIO 20-06-2016	JULIO	AGOSTO	SEPTIEMBRE 20-09-2016	OCTUBRE	NOVIEMBRE	DICIEMBRE 13-12-2016
% Oxígeno (in situ)	% SAT	---	---	98,1	---	---	101,3	---	---	103,1	---	---	91,3
Cloro residual total (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Color aparente (in situ)	-----	---	---	---	---	---	---	---	---	---	---	---	---
Conductividad a 20 °C (in situ)	µS/cm	---	---	333	---	---	329	---	---	327	---	---	336
Nitritos (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Olor (in situ)	-----	---	---	---	---	---	---	---	---	---	---	---	---
Oxígeno disuelto (in situ)	mg/L	---	---	10,5	---	---	8,2	---	---	8,5	---	---	9,3
pH (in situ)	pH	---	---	8,4	---	---	8,6	---	---	8,4	---	---	7,8
Temperatura del agua "in situ" (in situ)	°C	---	---	10	---	---	23,3	---	---	21,7	---	---	11,7
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	---	---	147,6	---	---	143,8	---	---	139,7	---	---	138,2
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	---	---	0,08
Antraceno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Arsénico	µg/L	---	---	1,530	---	---	---	---	---	5,200	---	---	2,032
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	---	---	0,1319	---	---	0,1385	---	---	0,1245	---	---	0,1264
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 08-03-2016	ABRIL	MAYO	JUNIO 20-06-2016	JULIO	AGOSTO	SEPTIEMBRE 20-09-2016	OCTUBRE	NOVIEMBRE	DICIEMBRE 13-12-2016
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	---	---	147,6	---	---	134,6	---	---	139,7	---	---	138,2
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
Calcio	mg/L	---	---	39,5100	---	---	39,9600	---	---	33,3100	---	---	36,6900
Carbonatos	mg/L	---	---	< 0,1	---	---	9,1	---	---	< 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	---	---	23,9	---	---	27,5	---	---	26,4	---	---	26,7
Cobalto	mg/L	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500	---	---	< 0,0500
Cobre	µg/L	---	---	1,236	---	---	---	---	---	---	---	---	1,169
Cobre	mg/L	---	---	---	---	---	< 0,1000	---	---	< 0,1000	---	---	---
Color	mg/L	---	---	5,2	---	---	6,0	---	---	< 5,0	---	---	7,7
Conductividad a 20 °C	µS/cm	---	---	351	---	---	360	---	---	337	---	---	347
Cromo	µg/L	---	---	< 5,000	---	---	---	---	---	< 5,000	---	---	< 5,000
Criseno	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
D.B.O. 5d	mg/L	---	---	0,7	---	---	1,1	---	---	1,9	---	---	6,9
Desetilazina	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 08-03-2016	ABRIL	MAYO	JUNIO 20-06-2016	JULIO	AGOSTO	SEPTIEMBRE 20-09-2016	OCTUBRE	NOVIEMBRE	DICIEMBRE 13-12-2016
Desisopropilatrazina	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
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	---	---	3,3	---	---	3,1	---	---	3,8	---	---	6,5
D.Q.O. 2h	mg/L	---	---	< 20	---	---	< 20	---	---	< 20	---	---	< 20
Dureza total	mg/L	---	---	143,8	---	---	148,4	---	---	131,1	---	---	141,9
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	---	---	0,25	---	---	0,28	---	---	0,30	---	---	0,29
Fosfatos	mg/L	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05	---	---	< 0,05
Fósforo total	mg/L	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000	---	---	< 0,1000
Glifosato	µg/L	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050	---	---	< 0,050

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
	Fecha: 03-01-2017	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 08-03-2016	ABRIL	MAYO	JUNIO 20-06-2016	JULIO	AGOSTO	SEPTIEMBRE 20-09-2016	OCTUBRE	NOVIEMBRE	DICIEMBRE 13-12-2016
Heptacloro	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
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	---	---	0,052
Isodrin	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Isoproturon	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Lindano (g-HCH)	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Magnesio	mg/L	---	---	10,9300	---	---	11,7800	---	---	11,6100	---	---	12,1800
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	µg/L	---	---	---	---	---	---	---	---	< 5,000	---	---	< 5,000
Níquel	mg/L	---	---	< 0,0500	---	---	< 0,0500	---	---	---	---	---	---
Nitratos	mg/L	---	---	< 1,0	---	---	< 1,0	---	---	< 1,0	---	---	< 1,0
Olor	-----	---	---	0	---	---	0	---	---	0	---	---	0
Oxifluorfen	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020

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	Fecha: 03-01-2017	Resultados de análisis por punto de control		Página: 5

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

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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	---	---	8,2	---	---	8,4	---	---	8,2	---	---	8,3
Pireno	µg/L	---	---	< 0,010	---	---	< 0,010	---	---	< 0,010	---	---	< 0,010
Plomo	µg/L	---	---	< 1,000	---	---	---	---	---	< 1,000	---	---	< 1,000
Potasio	mg/L	---	---	2,1290	---	---	2,1990	---	---	2,8710	---	---	2,8030
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
Selenio	µg/L	---	---	< 1,000	---	---	---	---	---	< 1,000	---	---	1,492
Sílice	mg/L	---	---	1,8670	---	---	2,9010	---	---	1,1720	---	---	< 0,8560
Simazina	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Simetrin	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Sodio	mg/L	---	---	16,5600	---	---	17,5400	---	---	20,0000	---	---	21,7100
Sólidos en Suspensión	mg/L	---	---	< 10	---	---	< 10	---	---	< 10	---	---	16
Sulfatos	mg/L	---	---	19,2	---	---	26,0	---	---	17,3	---	---	17,1
Terbutilazina	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020
Terbutrin	µg/L	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020

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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

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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	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
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	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50
1,3,5-triclorobenceno	µg/L	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00
1,4-diclorobenceno	µg/L	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50