



Confederación Hidrográfica del Guadiana

Gestión de laboratorios

Informes

Report: R030412

Fecha: 01-02-2016

Resultados de análisis por punto de control

Página: 1

Código: GN00000004

Nombre del punto: RIO AZUER - R. Azuer - E.Puerto de Vallehermoso. Centro de Presa.

Cauce: RIO AZUER

Código de la masa de agua: 20635

Nombre de la masa de agua: EMBALSE DEL PUERTO DE VALLEHERMOSO

Localidad: Alhambra

Provincia: Ciudad Real

UTM X: 48595

UTM Y: 4302387

Huso: 30

		ENERO 27-01-2015	FEBRERO 11-02-2015	MARZO 17-03-2015	ABRIL 07-04-2015	MAYO 18-05-2015	JUNIO 17-06-2015	JULIO 07-07-2015	AGOSTO 10-08-2015	SEPTIEMBRE 02-09-2015	OCTUBRE 20-10-2015	NOVIEMBRE 09-11-2015	DICIEMBRE 14-12-2015
% Oxígeno (in situ)	% SAT	107,0	115,2	122,1	112,3	130	120,3	126	108,5	99,1	101,1	122	102,1
Cloro residual total (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Color aparente (in situ)	----	---	---	---	---	---	---	---	---	---	---	---	---
Conductividad a 20 °C (in situ)	µS/cm	1209	1231	1377	1386	1306	1313	1312	1332	1337	1416	1412	1460
Nitritos (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Olor (in situ)	----	---	---	---	---	---	---	---	---	---	---	---	---
Oxígeno disuelto (in situ)	mg/L	11,7	12,4	11,7	10,1	10	9,3	8,7	7,9	7,7	8,8	10,6	10,6
pH (in situ)	pH	8,0	8,4	8,1	8,2	8,2	8,1	8	8,1	8,2	8,3	8,5	8,4
Temperatura del agua "in situ" (in situ)	°C	8,2	10,3	14,2	16,1	24	23,2	29,7	26,3	22,8	17,8	16,2	10,3
Acenafeno	µg/L	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---
Agentes tensoactivos (aniónicos)	mg/L	< 0,1	---	---	< 0,1	---	---	< 0,1	---	---	< 0,1	< 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	198,6	195,8	186,5	199,4	176,5	169,4	145,6	131,6	134,1	141,1	143,5	166,1
Aldrin	µg/L	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---
Aluminio	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
Ametrin	µg/L	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---
Amonio total	mg/L	0,05	< 0,05	< 0,05	< 0,05	< 0,05	< 0,05	< 0,05	0,05	0,27	< 0,05	0,06	0,05
Antraceno	µg/L	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---
Arsénico	µg/L	1,105	1,352	---	1,463	1,354	1,231	1,468	< 1,000	1,883	2,040	1,914	2,659
Arsénico	mg/L	---	---	< 0,025000	---	---	---	---	---	---	---	---	---
Aspecto	----	1	1	1	1	1	1	1	1	1	1	1	1
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	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500
Benceno	µg/L	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---
Benzo(a)Antraceno	µg/L	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---



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Cauce: RIO AZUER

Código de la masa de agua: 20635

Nombre de la masa de agua: EMBALSE DEL PUERTO DE VALLEHERMOSO

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Benzo(a,h)Antraceno (Dibenzo(a,h)antraceno)	µg/L	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---
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	198,6	195,8	175,1	199,4	176,5	169,4	136,6	131,6	134,1	129,1	143,5	166,1
Boro	mg/L	0,1648	0,1632	0,1677	0,1564	0,1531	0,1469	0,1533	0,1815	0,1814	0,1637	0,1892	0,1900
Bromodiclorometano	µg/L	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---
Bromofloro	µg/L	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---
Cadmio	µg/L	< 0,100	< 0,100	---	< 0,100	< 0,100	< 0,100	< 0,100	< 0,100	< 0,100	< 0,100	< 0,100	< 0,100
Cadmio	mg/L	---	---	< 0,025000	---	---	---	---	---	---	---	---	---
Calcio	mg/L	186,3000	183,9000	197,6000	197,5000	173,0000	174,2000	153,1000	167,6000	181,0000	184,8000	183,8000	190,7000
Carbonatos	mg/L	< 0,1	< 0,1	11,5	< 0,1	< 0,1	< 0,1	9,0	< 0,1	< 0,1	12,0	< 0,1	< 0,1
Cianuro Total	mg/L	< 0,010	< 0,010	< 0,010	< 0,010	< 0,010	< 0,010	< 0,010	< 0,010	< 0,010	< 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	---	---	< 0,020	---	---	< 0,020	---	---
Clorobenceno	µg/L	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---	< 1,00	---	---
Clorofloro	µg/L	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---	< 2,50	---	---
Clorpirinfos	µg/L	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---
Cloruros	mg/L	82,0	83,5	86,2	79,9	72,6	80,3	75,9	83,7	87,1	90,0	98,1	100,8
Cobalto	mg/L	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 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	< 5,0	< 5,0	< 5,0	< 5,0	< 5,0	< 5,0	< 5,0	< 5,0	< 5,0	< 5,0	< 5,0	< 5,0
Conductividad a 20 °C	µS/cm	1263	1279	1281	1238	1168	1155	1162	1183	1210	1240	1245	1292
Cromo	µg/L	< 5,000	< 5,000	---	< 5,000	< 5,000	< 5,000	< 5,000	< 5,000	< 5,000	< 5,000	< 5,000	< 5,000
Cromo	mg/L	---	---	< 0,025000	---	---	---	---	---	---	---	---	---
Criseno	µg/L	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---



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Resultados de análisis por punto de control

Página: 5

Código: GN00000004

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Cauce: RIO AZUER

Código de la masa de agua: 20635

Nombre de la masa de agua: EMBALSE DEL PUERTO DE VALLEHERMOSO

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Nitratos	mg/L	20,1	22,5	24,4	23,1	20,4	20,0	17,7	15,6	12,0	10,7	13,2	12,5
Olor	-----	0	---	---	0	---	---	0	---	---	0	0	---
Oxifluorfen	µg/L	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---	< 0,020	---	---
Oxígeno disuelto	mg/L	11,7	11,7	11,4	11,3	10,2	9,7	8,8	8,7	9,4	8,9	10,6	9,0
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	8,3	8,5	8,2	8,2	8,0	8,4	8,1	8,0	8,4	8,2	8,1
Pireno	µg/L	< 0,010	---	---	< 0,010	---	---	< 0,010	---	---	< 0,010	---	---
Plomo	µg/L	< 1,000	< 1,000	---	< 1,000	< 1,000	< 1,000	< 1,000	< 1,000	< 1,000	< 1,000	< 1,000	< 1,000
Plomo	mg/L	---	---	< 0,025000	---	---	---	---	---	---	---	---	---
Potasio	mg/L	3,4570	3,4280	3,6700	3,6400	3,5040	3,4170	3,6940	3,9140	4,2100	4,2520	4,6100	4,6070
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	< 10	---	---	< 10	---	---	< 10	---	---	45	---	---
Recuento de Coliformes totales	UFC/100	60	< 10	30	1700	500	850	2900	37000	5000	2700	---	---
Recuento de Estreptococos fecales	UFC/100	< 10	---	---	15	---	---	< 10	---	---	100	---	---



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Resultados de análisis por punto de control

Página: 6

Código: GN00000004

Nombre del punto: RIO AZUER - R. Azuer - E. Puerto de Vallehermoso. Centro de Presa.

Cauce: RIO AZUER

Código de la masa de agua: 20635

Nombre de la masa de agua: EMBALSE DEL PUERTO DE VALLEHERMOSO

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Selenio	µg/L	3,554	3,995	---	3,869	3,532	2,799	3,000	< 2,000	3,990	4,162	4,549	3,872
Selenio	mg/L	---	---	< 0,025000	---	---	---	---	---	---	---	---	---
Sílice	mg/L	8,4410	8,3520	8,2580	8,2240	5,1720	3,8500	4,5450	5,9240	6,9580	8,4770	9,4680	8,7970
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	34,2200	35,1700	36,0200	32,4000	32,2500	30,5400	29,0800	34,5800	35,2100	37,6400	39,7100	41,0300
Sólidos en Suspensión	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Sulfatos	mg/L	474,9	479,5	477,0	455,9	446,0	464,7	454,2	480,0	504,5	498,5	522,0	557,6
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	---	---