



RESULTADOS ANALITICOS

SOLICITANTE: Jefe del Área de Calidad de las Aguas.- Sr. Fernández Carrillo

DENOMINACION DE LA MUESTRA:

RÍO GUADIANA - E.García Sola. Centro de presa

FECHA DE TOMA: 27-05-2013

RECEPCION EN LABORATORIO: 28-05-2013

MUESTRA RECIBIDA

ANALISIS: 2 Botella de plástico de 1L. Etiquetada y precintada

CUSTODIA: No

Determinaciones Solicitadas

CARACTERISTICAS	CONCENTRACION	UNIDADES	INCERTIDUMBRE
Color	8,2	mg/L Pt	-----
Oxígeno disuelto	9,5	mg/L O ₂	-----
% Oxígeno	112,4	% SAT	-----
Sólidos en Suspensión	<10	mg/L	-----
pH	7,9	pH	-----
Dureza total	103,9	mg/L CO ₃ Ca	-----
Dureza permanente	49,3	mg/L CO ₃ Ca	-----
Conductividad a 20 °C	291	µS/cm	-----
D.Q.O. 10min (Índice de Permanganato)	4,2	mg/L O ₂	-----
D.B.O. 5d	1,5	mg/L O ₂	-----
Cloruros	22,6	mg/L Cl ⁻	-----
Sulfatos	54,6	mg/L SO ₄ ⁼	-----
Sílice	1,0370	mg/L SiO ₂	-----
Carbonatos	<0,1	mg/L CO ₃ Ca	-----
Bicarbonatos	54,6	mg/L CO ₃ Ca	-----
Fosfatos	<0,05	mg/L PO ₄ -3	-----
Alcalinidad total	54,6	mg/L CO ₃ Ca	-----
Calcio	23,4000	mg/L Ca	-----
Magnesio	11,0300	mg/L Mg	-----
Sodio	13,6200	mg/L Na	-----
Potasio	2,2960	mg/L K	-----
Amonio total	<0,05	mg/L NH ₄ ⁺	-----
Nitritos	<0,05	mg/L NO ₂ ⁻	-----
Nitratos	<1,0	mg/L NO ₃ ⁻	-----
Cianuro Total	<0,010	mg/L CN ⁻	-----
Fenoles	<0,050	mg/L C ₆ H ₅ OH	-----
Fluoruros	0,10	mg/L F ⁻	-----
Arsénico	<1,000	µg/L As	-----
Cadmio	<0,100	µg/L Cd	-----
Cobre	<0,1000	mg/L Cu	-----
Hierro	<0,1000	mg/L Fe	-----
Manganeso	<0,1000	mg/L Mn	-----
Mercurio	<0,000050	mg/L Hg	-----
Plomo	<1,000	µg/L Pb	-----
Cinc	<0,1000	mg/L Zn	-----
Cromo	<1,000	µg/L Cr	-----
Hidróxidos	<0,1	mg/L CO ₃ Ca	-----
Cobalto	<0,0500	mg/L Co	-----
Aluminio	<0,1000	mg/L Al	-----
Estaño	<0,1000	mg/L Sn	-----



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FECHA DE TOMA: 27-05-2013

Determinaciones Solicitadas

CARACTERISTICAS	CONCENTRACION	UNIDADES	INCERTIDUMBRE
Níquel	<0,0500	mg/L Ni	-----
Estroncio	<0,5000	mg/L Sr	-----
Selenio	<2,000	µg/L Se	-----
Boro	<0,1000	mg/L B	-----
Bario	<0,0500	mg/L Ba	-----
Fósforo total	<0,1000	mg/L P	-----

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
	Fecha: 30-10-2013	Resultados de análisis por punto de control		Página: 1

Código: GN00000022	Nombre del punto: RIO GUADIANA - E. García Sola. Centro de presa	Cauce: RIO GUADIANA
Código de la masa de agua: 20653	Nombre de la masa de agua: EMBALSE DE GARCIA DE SOLA	
Localidad: Talarrubias	Provincia: Badajoz	UTM X: 311405 UTM Y: 4335350 Huso: 30

		ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE 18-09-2013	OCTUBRE	NOVIEMBRE	DICIEMBRE
% Oxígeno (in situ)	% SAT	---	---	---	---	---	---	---	---	96,8	---	---	---
Cloro residual total (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Color aparente (in situ)	-----	---	---	---	---	---	---	---	---	---	---	---	---
Conductividad a 20 °C (in situ)	µS/cm	---	---	---	---	---	---	---	---	387	---	---	---
Nitritos (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Olor (in situ)	-----	---	---	---	---	---	---	---	---	---	---	---	---
Oxígeno disuelto (in situ)	mg/L	---	---	---	---	---	---	---	---	7,5	---	---	---
pH (in situ)	pH	---	---	---	---	---	---	---	---	8,7	---	---	---
Temperatura del agua "in situ" (in situ)	°C	---	---	---	---	---	---	---	---	25,3	---	---	---
Alcalinidad total	mg/L	---	---	---	---	---	---	---	---	68,7	---	---	---
Aluminio	mg/L	---	---	---	---	---	---	---	---	< 0,1000	---	---	---
Amonio total	mg/L	---	---	---	---	---	---	---	---	< 0,05	---	---	---
Arsénico	mg/L	---	---	---	---	---	---	---	---	< 0,025000	---	---	---
Aspecto	-----	---	---	---	---	---	---	---	---	1	---	---	---
Bario	mg/L	---	---	---	---	---	---	---	---	< 0,0500	---	---	---
Bicarbonatos	mg/L	---	---	---	---	---	---	---	---	63,7	---	---	---
Boro	mg/L	---	---	---	---	---	---	---	---	< 0,1000	---	---	---
Cadmio	mg/L	---	---	---	---	---	---	---	---	< 0,025000	---	---	---
Calcio	mg/L	---	---	---	---	---	---	---	---	30,5500	---	---	---
Carbonatos	mg/L	---	---	---	---	---	---	---	---	5,0	---	---	---
Cianuro Total	mg/L	---	---	---	---	---	---	---	---	< 0,010	---	---	---
Cinc	mg/L	---	---	---	---	---	---	---	---	< 0,1000	---	---	---
Cloruros	mg/L	---	---	---	---	---	---	---	---	32,1	---	---	---
Cobalto	mg/L	---	---	---	---	---	---	---	---	< 0,0500	---	---	---
Cobre	mg/L	---	---	---	---	---	---	---	---	< 0,1000	---	---	---
Color	mg/L	---	---	---	---	---	---	---	---	6,0	---	---	---
Conductividad a 20 °C	µS/cm	---	---	---	---	---	---	---	---	352	---	---	---
Cromo	mg/L	---	---	---	---	---	---	---	---	< 0,025000	---	---	---

	Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
	Fecha: 30-10-2013	Resultados de análisis por punto de control		Página: 2

Código: GN00000022	Nombre del punto: RIO GUADIANA - E. García Sola. Centro de presa	Cauce: RIO GUADIANA
Código de la masa de agua: 20653	Nombre de la masa de agua: EMBALSE DE GARCIA DE SOLA	
Localidad: Talarrubias	Provincia: Badajoz	UTM X: 311405 UTM Y: 4335350 Huso: 30

		ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE 18-09-2013	OCTUBRE	NOVIEMBRE	DICIEMBRE
D.B.O. 5d	mg/L	---	---	---	---	---	---	---	---	0,4	---	---	---
D.Q.O. 10min (Índice de Permanganato)	mg/L	---	---	---	---	---	---	---	---	3,7	---	---	---
Dureza total	mg/L	---	---	---	---	---	---	---	---	131,8	---	---	---
Estaño	mg/L	---	---	---	---	---	---	---	---	< 0,1000	---	---	---
Estroncio	mg/L	---	---	---	---	---	---	---	---	< 0,5000	---	---	---
Fenoles	mg/L	---	---	---	---	---	---	---	---	< 0,050	---	---	---
Fluoruros	mg/L	---	---	---	---	---	---	---	---	0,12	---	---	---
Fosfatos	mg/L	---	---	---	---	---	---	---	---	< 0,05	---	---	---
Fósforo total	mg/L	---	---	---	---	---	---	---	---	< 0,1000	---	---	---
Hidróxidos	mg/L	---	---	---	---	---	---	---	---	< 0,1	---	---	---
Hierro	mg/L	---	---	---	---	---	---	---	---	< 0,1000	---	---	---
Magnesio	mg/L	---	---	---	---	---	---	---	---	13,4500	---	---	---
Manganeso	mg/L	---	---	---	---	---	---	---	---	< 0,1000	---	---	---
Mercurio	mg/L	---	---	---	---	---	---	---	---	< 0,000050	---	---	---
Níquel	mg/L	---	---	---	---	---	---	---	---	< 0,0500	---	---	---
Nitratos	mg/L	---	---	---	---	---	---	---	---	< 1,0	---	---	---
Oxígeno disuelto	mg/L	---	---	---	---	---	---	---	---	8,4	---	---	---
pH	pH	---	---	---	---	---	---	---	---	8,5	---	---	---
Plomo	mg/L	---	---	---	---	---	---	---	---	< 0,025000	---	---	---
Potasio	mg/L	---	---	---	---	---	---	---	---	2,8510	---	---	---
Recuento de Coliformes totales	UFC/100	---	---	---	---	---	---	---	---	230	---	---	---
Selenio	mg/L	---	---	---	---	---	---	---	---	< 0,025000	---	---	---
Sílice	mg/L	---	---	---	---	---	---	---	---	0,8781	---	---	---
Sodio	mg/L	---	---	---	---	---	---	---	---	16,8900	---	---	---
Sólidos en Suspensión	mg/L	---	---	---	---	---	---	---	---	< 10	---	---	---
Sulfatos	mg/L	---	---	---	---	---	---	---	---	70,8	---	---	---