Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 1 **Subred:** 1 **Coordenadas X:** 509269

Río: RIO GUADIANA **Y:** 4314287

Situación: E.A. La Cubeta **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Caudal	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	----------	470	500	470	460	540	710	----------	610	600	520	490	µS/cm
pH	----------	7,7	7,9	7,3	7,6	7,4	7,5	----------	7,4	7,0	7,9	7,9	pH
Mats.Suspensión	----------	188	10	35	41	143	2	----------	37	3	7	11	mg/L
Dureza Total	----------	290,0	300,0	300,0	280,0	286,0	320,0	----------	300,0	300,0	316,0	330,0	mg/L CO3Ca
Dza.Perman.	----------	94,0	82,0	100,0	82,0	66,0	118,0	----------	118,0	142,0	95,0	116,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	----------	29,0	30,0	27,0	26,0	30,0	21,0	----------	34,0	30,0	38,0	26,0	mg/L Cl-
Sulfatos	----------	77,0	66,0	74,0	124,0	87,0	114,0	----------	90,0	85,0	76,0	72,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	----------	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	----------	196,0	218,0	200,0	198,0	220,0	202,0	----------	182,0	158,0	221,0	214,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	----------	71,0	62,0	63,0	58,0	70,0	79,0	----------	63,0	62,0	94,0	93,0	mg/L Ca
Magnesio	----------	27,0	35,0	34,0	33,0	27,0	30,0	----------	34,0	35,0	19,0	24,0	mg/L Mg
Sodio	----------	15,0	21,0	17,0	15,0	19,0	24,0	----------	14,0	16,0	18,0	15,0	mg/L Na
Potasio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	----------	3,0	2,8	4,0	2,6	2,8	3,6	----------	4,2	1,8	3,4	1,2	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	----------	10	0	8	100	50	2	----------	4	0	50	8	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 2 **Subred:** 2 **Coordenadas X:** 499452

Río: RIO GUADIANA **Y:** 4323585

Situación: E.Peñarroya. Centro de presa **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
V. embalsado	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	Hm³
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	----------	430	470	450	450	490	600	----------	507	540	450	395	µS/cm
pH	----------	8,0	7,9	7,9	7,7	7,7	7,7	----------	7,5	7,9	8,0	8,1	pH
Mats.Suspensión	----------	130	6	9	7	85	6	----------	12	5	9	24	mg/L
Dureza Total	----------	256,0	256,0	260,0	254,0	248,0	264,0	----------	252,0	256,0	280,0	282,0	mg/L CO3Ca
Dza.Perman.	----------	98,0	96,0	100,0	94,0	82,0	114,0	----------	114,0	98,0	128,0	121,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	----------	38,0	43,0	33,0	32,0	29,0	7,0	----------	38,0	35,0	35,0	33,0	mg/L Cl-
Sulfatos	----------	89,0	72,0	64,0	83,0	83,0	89,0	----------	96,0	94,0	77,0	89,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	----------	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	----------	158,0	160,0	160,0	160,0	166,0	150,0	----------	138,0	158,0	152,0	161,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	----------	62,0	62,0	62,0	56,0	58,0	51,0	----------	62,0	63,0	54,0	78,0	mg/L Ca
Magnesio	----------	25,0	24,0	25,0	28,0	25,0	33,0	----------	24,0	24,0	35,0	21,0	mg/L Mg
Sodio	----------	20,0	25,0	20,0	19,0	17,0	24,0	----------	18,0	19,0	21,0	24,0	mg/L Na
Potasio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	----------	4,2	2,4	2,4	2,6	2,2	3,8	----------	5,8	2,0	4,0	1,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	----------	0	0	0	0	14	4	----------	2	4	50	0	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 4 **Subred:** 4 **Coordenadas X:** 485458

Río: RIO AZUER **Y:** 4302220

Situación: E.Puerto de Vallehermoso. Centro de Presa. **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Caudal	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	----------	1200	1300	1100	1000	850	1050	----------	1250	1220	1150	1025	µS/cm
pH	----------	7,8	7,9	7,5	7,7	7,7	7,5	----------	7,5	7,6	7,8	7,9	pH
Mats.Suspensión	----------	1404	----------	----------	----------	499	----------	----------	793	161	60	29	mg/L
Dureza Total	----------	890,0	890,0	890,0	700,0	540,0	580,0	----------	720,0	720,0	860,0	930,0	mg/L CO3Ca
Dza.Perman.	----------	652,0	614,0	656,0	502,0	298,0	372,0	----------	506,0	498,0	622,0	680,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	----------	104,0	106,0	81,0	47,0	27,0	14,0	----------	71,0	76,0	84,0	85,0	mg/L Cl-
Sulfatos	----------	518,0	388,0	444,0	434,0	234,0	200,0	----------	306,0	440,0	396,0	360,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	----------	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	----------	238,0	276,0	234,0	248,0	242,0	208,0	----------	214,0	222,0	238,0	250,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	----------	176,0	180,0	180,0	150,0	112,0	120,0	----------	160,0	164,0	236,0	256,0	mg/L Ca
Magnesio	----------	109,0	107,0	107,0	87,0	63,0	68,0	----------	78,0	75,0	65,0	70,0	mg/L Mg
Sodio	----------	38,0	44,0	34,0	22,0	14,0	15,0	----------	24,0	28,0	31,0	34,0	mg/L Na
Potasio	----------	2,0	----------	----------	----------	2,0	----------	----------	3,0	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	----------	4,0	3,0	3,0	5,0	4,0	4,0	----------	5,0	3,0	5,0	1,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	----------	0	0	2	200	200	14	----------	2	12	26	10	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 5 **Subred:** 5 **Coordenadas X:** 448092

Río: RIO AZUER **Y:** 4325332

Situación: E.A. Daimiel **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Caudal	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	----------	----------	----------	----------	1230	950	1100	----------	----------	----------	1080	1010	µS/cm
pH	----------	----------	----------	----------	7,6	7,7	7,4	----------	----------	----------	7,5	7,6	pH
Mats.Suspensión	----------	----------	----------	----------	----------	683	----------	----------	----------	----------	218	116	mg/L
Dureza Total	----------	----------	----------	----------	900,0	610,0	620,0	----------	----------	----------	770,0	860,0	mg/L CO3Ca
Dza.Perman.	----------	----------	----------	----------	666,0	404,0	438,0	----------	----------	----------	532,0	642,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	----------	----------	----------	----------	83,0	39,0	19,0	----------	----------	----------	100,0	96,0	mg/L Cl-
Sulfatos	----------	----------	----------	----------	640,0	330,0	360,0	----------	----------	----------	336,0	443,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	----------	----------	----------	----------	< 0,1	< 0,1	< 0,1	----------	----------	----------	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	----------	----------	----------	----------	234,0	206,0	182,0	----------	----------	----------	238,0	218,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	----------	----------	----------	----------	180,0	132,0	136,0	----------	----------	----------	212,0	196,0	mg/L Ca
Magnesio	----------	----------	----------	----------	109,0	68,0	68,0	----------	----------	----------	58,0	89,0	mg/L Mg
Sodio	----------	----------	----------	----------	41,0	21,0	22,0	----------	----------	----------	40,0	40,0	mg/L Na
Potasio	----------	----------	----------	----------	----------	2,0	----------	----------	----------	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	----------	----------	----------	----------	7,0	4,0	5,0	----------	----------	----------	10,0	17,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	----------	----------	----------	----------	100	200	200	----------	----------	----------	25	1000	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 8 **Subred:** 8 **Coordenadas X:** 468523

Río: RIO GIGÜELA **Y:** 4350308

Situación: E.A. Buenavista **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Caudal	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	----------	1800	1830	1700	1900	1900	2550	----------	2250	2150	1880	1750	µS/cm
pH	----------	8,1	7,7	7,6	7,6	7,4	7,5	----------	7,5	7,5	7,7	8,1	pH
Mats.Suspensión	----------	46	18	16	29	746	13	----------	660	443	5774	125	mg/L
Dureza Total	----------	1590,0	1620,0	1570,0	1540,0	1500,0	1700,0	----------	1580,0	1560,0	1960,0	1700,0	mg/L CO3Ca
Dza.Perman.	----------	1374,0	1408,0	1376,0	1364,0	1326,0	1550,0	----------	1440,0	1388,0	1795,0	1512,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	----------	85,0	98,0	77,0	85,0	77,0	61,0	----------	61,0	61,0	61,0	65,0	mg/L Cl-
Sulfatos	----------	1310,0	900,0	1560,0	1230,0	1040,0	1600,0	----------	950,0	2080,0	1168,0	732,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	----------	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	----------	216,0	212,0	194,0	176,0	174,0	150,0	----------	180,0	172,0	165,0	188,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	----------	360,0	400,0	308,0	300,0	320,0	360,0	----------	360,0	304,0	560,0	496,0	mg/L Ca
Magnesio	----------	168,0	151,0	194,0	192,0	170,0	194,0	----------	165,0	194,0	134,0	110,0	mg/L Mg
Sodio	----------	47,0	52,0	50,0	46,0	56,0	44,0	----------	31,0	35,0	39,0	39,0	mg/L Na
Potasio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	----------	9,4	3,2	4,2	4,2	7,6	9,6	----------	6,0	6,8	6,4	2,3	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	----------	12	2	0	300	56	2	----------	4	16	20	10	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 10 **Subred:** 10 **Coordenadas X:** 486628

Río: RIO ZANCARA **Y:** 4351058

Situación: E.A. Cervera **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Caudal	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	----------	1750	1660	1550	1730	1900	2300	----------	2100	1900	1680	1590	µS/cm
pH	----------	8,0	7,8	7,6	7,6	7,5	7,6	----------	7,7	7,7	7,7	7,9	pH
Mats.Suspensión	----------	830	10	14	13	437	23	----------	611	154	514	366	mg/L
Dureza Total	----------	1470,0	1460,0	1320,0	1350,0	1470,0	1550,0	----------	1440,0	1400,0	1700,0	1520,0	mg/L CO3Ca
Dza.Perman.	----------	1222,0	1224,0	1082,0	1128,0	1262,0	1328,0	----------	1244,0	1200,0	1468,0	1302,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	----------	66,0	65,0	59,0	63,0	88,0	38,0	----------	45,0	43,0	47,0	48,0	mg/L Cl-
Sulfatos	----------	1440,0	800,0	888,0	960,0	1140,0	1240,0	----------	1092,0	1036,0	884,0	1000,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	----------	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	----------	248,0	236,0	238,0	222,0	202,0	222,0	----------	196,0	200,0	232,0	218,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	----------	400,0	412,0	356,0	332,0	396,0	396,0	----------	400,0	292,0	528,0	448,0	mg/L Ca
Magnesio	----------	114,0	104,0	104,0	126,0	117,0	136,0	----------	107,0	163,0	39,0	96,0	mg/L Mg
Sodio	----------	40,0	41,0	36,0	37,0	47,0	33,0	----------	24,0	27,0	30,0	29,0	mg/L Na
Potasio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	----------	7,0	1,2	4,8	4,8	7,4	8,8	----------	7,0	7,4	4,4	2,4	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	----------	0	0	0	300	20	4	----------	0	2	100	40	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 11 **Subred:** 11 **Coordenadas X:** 463173

Río: RIO GIGÜELA **Y:** 4343895

Situación: E.A. Villarta de San Juan **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Caudal	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	----------	1780	1860	1730	1880	1750	2400	----------	2320	2320	1820	1800	µS/cm
pH	----------	7,9	7,7	7,4	7,5	7,4	7,3	----------	7,5	7,2	7,5	7,8	pH
Mats.Suspensión	----------	1703	14	15	12	824	15	----------	714	210	275	338	mg/L
Dureza Total	----------	1570,0	1580,0	1440,0	1520,0	1290,0	1530,0	----------	1580,0	1540,0	1980,0	1640,0	mg/L CO3Ca
Dza.Perman.	----------	1352,0	1366,0	1246,0	1332,0	1120,0	1378,0	----------	1390,0	1356,0	1811,0	1440,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	----------	91,0	94,0	83,0	95,0	102,0	84,0	----------	68,0	69,0	67,0	77,0	mg/L Cl-
Sulfatos	----------	1080,0	912,0	960,0	1510,0	940,0	1200,0	----------	1132,0	950,0	1090,0	1118,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	----------	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	----------	218,0	214,0	194,0	188,0	170,0	152,0	----------	190,0	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	----------	312,0	392,0	372,0	356,0	260,0	392,0	----------	368,0	328,0	560,0	528,0	mg/L Ca
Magnesio	----------	192,0	146,0	124,0	153,0	155,0	134,0	----------	160,0	175,0	139,0	77,0	mg/L Mg
Sodio	----------	52,0	60,0	48,0	50,0	52,0	48,0	----------	34,0	38,0	40,0	40,0	mg/L Na
Potasio	----------	3,0	----------	----------	----------	3,0	----------	----------	4,0	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	----------	7,0	2,0	5,0	5,0	8,0	12,0	----------	8,0	7,0	5,0	5,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	----------	6	4	0	100	16	400	----------	0	4	20	850	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 12 **Subred:** 12 **Coordenadas X:** 419044

Río: RIO BECEA **Y:** 4331520

Situación: E. Gasset. Centro de presa **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
V. embalsado	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	Hm³
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	200	270	300	310	280	280	340	----------	350	310	280	268	µS/cm
pH	7,4	7,8	7,9	7,4	7,7	7,5	7,6	----------	7,5	7,3	7,6	7,8	pH
Mats.Suspensión	8	63	19	14	13	104	22	----------	92	90	3	24	mg/L
Dureza Total	116,0	134,0	136,0	138,0	130,0	120,0	122,0	----------	124,0	126,0	142,0	144,0	mg/L CO3Ca
Dza.Perman.	56,0	50,0	54,0	60,0	56,0	48,0	58,0	----------	50,0	48,0	55,0	64,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	42,0	48,0	49,0	48,0	50,0	43,0	8,0	----------	47,0	44,0	47,0	47,0	mg/L Cl-
Sulfatos	24,0	20,0	20,0	22,0	13,0	8,0	19,0	----------	19,0	21,0	10,0	14,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	60,0	84,0	82,0	78,0	74,0	72,0	64,0	----------	74,0	78,0	87,0	80,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	60,0	84,0	82,0	78,0	74,0	72,0	64,0	----------	74,0	78,0	87,0	80,0	mg/L Ca
Magnesio	16,0	15,0	13,0	14,0	13,0	13,0	14,0	----------	11,0	14,0	15,0	14,0	mg/L Mg
Sodio	16,0	17,0	19,0	16,0	15,0	13,0	12,0	----------	11,0	21,0	16,0	15,0	mg/L Na
Potasio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	3,6	4,4	1,2	2,6	4,0	4,1	5,4	----------	4,6	4,2	3,8	1,9	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	0	2	0	4	80	8	6	----------	0	2	6	2	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 13 **Subred:** 13 **Coordenadas X:** 413744

Río: RIO GUADIANA **Y:** 4323808

Situación: E. Vicario. Centro de presa **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
V. embalsado	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	Hm³
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	----------	1400	1530	1450	1550	1820	2240	----------	1720	1380	1490	1500	µS/cm
pH	----------	7,9	7,9	7,8	7,7	7,6	7,6	----------	7,9	7,5	7,6	8,0	pH
Mats.Suspensión	----------	277	25	19	18	124	11	----------	370	487	256	74	mg/L
Dureza Total	----------	1220,0	1200,0	1090,0	1120,0	1270,0	1340,0	----------	1020,0	850,0	1300,0	1100,0	mg/L CO3Ca
Dza.Perman.	----------	1018,0	996,0	890,0	924,0	1092,0	1184,0	----------	834,0	646,0	1119,0	906,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	----------	96,0	100,0	106,0	137,0	127,0	75,0	----------	204,0	91,0	101,0	92,0	mg/L Cl-
Sulfatos	----------	268,0	832,0	736,0	720,0	1020,0	1000,0	----------	700,0	496,0	640,0	612,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	----------	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	----------	202,0	204,0	200,0	196,0	178,0	156,0	----------	186,0	204,0	181,0	194,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	----------	284,0	300,0	216,0	252,0	280,0	332,0	----------	268,0	180,0	324,0	328,0	mg/L Ca
Magnesio	----------	124,0	109,0	131,0	119,0	138,0	124,0	----------	85,0	97,0	106,0	39,0	mg/L Mg
Sodio	----------	52,0	58,0	53,0	65,0	63,0	57,0	----------	40,0	41,0	46,0	47,0	mg/L Na
Potasio	----------	2,0	----------	----------	----------	2,0	----------	----------	4,0	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	----------	6,0	3,0	4,0	5,0	8,0	9,0	----------	8,0	3,0	6,0	3,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	----------	8	0	4	150	12	10	----------	0	2	30	20	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 15 **Subred:** 15 **Coordenadas X:** 411546

Río: RIO JABALON **Y:** 4304969

Situación: E.A. Puente Morena **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Caudal	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	----------	130	1200	1150	1050	1040	1180	----------	1320	1150	970	1050	µS/cm
pH	----------	8,0	8,0	7,9	7,9	7,7	7,8	----------	7,7	7,7	8,0	8,1	pH
Mats.Suspensión	----------	39	19	15	13	582	11	----------	170	426	136	105	mg/L
Dureza Total	----------	750,0	750,0	690,0	650,0	580,0	600,0	----------	630,0	600,0	700,0	860,0	mg/L CO3Ca
Dza.Perman.	----------	416,0	304,0	326,0	342,0	322,0	356,0	----------	334,0	286,0	368,0	594,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	----------	136,0	151,0	133,0	110,0	99,0	113,0	----------	194,0	57,0	55,0	124,0	mg/L Cl-
Sulfatos	----------	180,0	180,0	228,0	294,0	292,0	200,0	----------	245,0	152,0	284,0	360,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	----------	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	----------	334,0	446,0	364,0	308,0	258,0	244,0	----------	296,0	314,0	332,0	266,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	----------	156,0	136,0	128,0	128,0	76,0	140,0	----------	116,0	132,0	102,0	192,0	mg/L Ca
Magnesio	----------	87,0	100,0	90,0	80,0	95,0	61,0	----------	83,0	66,0	106,0	91,0	mg/L Mg
Sodio	----------	70,0	93,0	68,0	54,0	47,0	44,0	----------	62,0	54,0	52,0	65,0	mg/L Na
Potasio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	----------	9,4	10,0	6,4	5,6	7,0	8,0	----------	20,0	3,0	4,0	3,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	----------	6	10	0	50	20	50	----------	0	30	100	40	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 16 **Subred:** 16 **Coordenadas X:** 403276

Río: RIO GUADIANA **Y:** 4305500

Situación: E.A. Balbuena **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Caudal	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	1230	1400	1530	1400	1630	1750	2200	----------	1880	1380	1490	1400	µS/cm
pH	7,5	8,0	8,1	7,8	7,8	7,7	7,4	----------	8,0	7,7	7,8	7,9	pH
Mats.Suspensión	13	164	6	15	19	271	15	----------	479	443	160	83	mg/L
Dureza Total	1050,0	1130,0	1170,0	1000,0	1200,0	1160,0	1300,0	----------	1130,0	860,0	1300,0	1220,0	mg/L CO3Ca
Dza.Perman.	828,0	914,0	954,0	780,0	994,0	972,0	1128,0	----------	946,0	644,0	1106,0	1024,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	102,0	108,0	110,0	108,0	127,0	123,0	98,0	----------	212,0	92,0	102,0	100,0	mg/L Cl-
Sulfatos	710,0	736,0	624,0	700,0	776,0	928,0	900,0	----------	712,0	330,0	736,0	932,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	212,0	216,0	216,0	220,0	206,0	188,0	172,0	----------	184,0	216,0	194,0	196,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	224,0	288,0	288,0	236,0	252,0	236,0	288,0	----------	280,0	180,0	344,0	328,0	mg/L Ca
Magnesio	119,0	100,0	109,0	100,0	139,0	138,0	141,0	----------	104,0	100,0	106,0	96,0	mg/L Mg
Sodio	56,0	54,0	62,0	56,0	65,0	62,0	60,0	----------	44,0	41,0	50,0	50,0	mg/L Na
Potasio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	3,0	7,4	18,0	5,4	5,6	7,6	10,0	----------	7,0	6,8	7,0	3,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	4	4	4	44	100	54	22	----------	0	50	40	600	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 17 **Subred:** 17 **Coordenadas X:** 392078

Río: RIO BULLAQUE **Y:** 4358425

Situación: E. Torre de Abraham. Centro de presa **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua										----------	----------	----------	ºC
Temp.Ambiente										----------	----------	----------	ºC
V. embalsado										----------	----------	----------	Hm³
CARACTERISTICAS ORGANOLEPTICAS													
Color										----------	----------	----------	----------
Aspecto										----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC										120	101	94	µS/cm
pH										6,5	6,8	6,8	pH
Mats.Suspensión										5	5	6	mg/L
Dureza Total										44,0	48,0	62,0	mg/L CO3Ca
Dza.Perman.										14,0	16,0	35,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	No	No	No	No	No	No	No	No	No	12,0	14,0	14,0	mg/L Cl-
Sulfatos										6,0	< 4,0	< 4,0	mg/L SO4=
Nitratos										----------	----------	----------	----------
Carbonatos	se	se	se	se	se	se	se	se	se	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos										30,0	32,0	27,0	mg/L CO3Ca
Fosfatos	to	to	to	to	to	to	to	to	to	----------	----------	----------	----------
Fluoruros										----------	----------	----------	----------
Cianuros	mó	mó	mó	mó	mó	mó	mó	mó	mó	----------	----------	----------	----------
Sílice										----------	----------	----------	----------
Calcio	muestra	muestra	muestra	muestra	muestra	muestra	muestra	muestra	muestra	10,0	10,0	13,0	mg/L Ca
Magnesio										5,0	6,0	7,0	mg/L Mg
Sodio										4,0	6,0	4,0	mg/L Na
Potasio										----------	----------	----------	----------
Cromo										----------	----------	----------	----------
Manganeso										----------	----------	----------	----------
Hierro										----------	----------	----------	----------
Cobre										----------	----------	----------	----------
Cinc										----------	----------	----------	----------
Arsénico										----------	----------	----------	----------
Cadmio										----------	----------	----------	----------
Mercurio										----------	----------	----------	----------
Plomo										----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto										----------	----------	----------	----------
Ox.Dto %										----------	----------	----------	----------
D.B.O. 5d										----------	----------	----------	----------
D.Q.O. 10min										1,0	2,0	1,0	mg/L O2
Nitritos										----------	----------	----------	----------
Fenoles										----------	----------	----------	----------
Detergentes										----------	----------	----------	----------
Amonio										----------	----------	----------	----------
Alcalinidad										----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales										60	100	30	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.										----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 18 **Subred:** 18 **Coordenadas X:** 388499

Río: RIO BULLAQUE **Y:** 4315919

Situación: E.A. Luciana **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Caudal	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	250	310	300	250	140	160	170	----------	230	250	220	230	µS/cm
pH	6,9	7,1	7,1	6,9	6,6	6,7	6,7	----------	7,2	6,7	7,0	7,5	pH
Mats.Suspensión	6	53	5	16	24	14	16	----------	20	15	41	7	mg/L
Dureza Total	152,0	124,0	118,0	100,0	72,0	62,0	66,0	----------	84,0	92,0	116,0	136,0	mg/L CO3Ca
Dza.Perman.	64,0	60,0	60,0	46,0	44,0	22,0	30,0	----------	20,0	18,0	34,0	51,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	40,0	56,0	49,0	47,0	21,0	18,0	3,0	----------	27,0	28,0	33,0	34,0	mg/L Cl-
Sulfatos	30,0	14,0	24,0	24,0	15,0	16,0	12,0	----------	10,0	14,0	8,0	4,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	88,0	64,0	58,0	54,0	28,0	40,0	36,0	----------	64,0	74,0	82,0	85,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	31,0	26,0	26,0	20,0	9,0	10,0	10,0	----------	18,0	20,0	20,0	28,0	mg/L Ca
Magnesio	18,0	14,0	13,0	10,0	5,0	10,0	10,0	----------	9,0	10,0	16,0	16,0	mg/L Mg
Sodio	23,0	24,0	19,0	17,0	6,0	5,0	5,0	----------	7,0	11,0	14,0	15,0	mg/L Na
Potasio	----------	3,0	----------	----------	----------	2,0	----------	----------	1,0	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	3,0	7,0	2,0	5,0	4,0	3,0	3,0	----------	4,0	3,0	2,0	2,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	4	20	0	4	80	6	30	----------	0	12	20	10	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 22 **Subred:** 22 **Coordenadas X:** 311213

Río: RIO GUADIANA **Y:** 4335062

Situación: E. García Sola. Centro de presa **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
V. embalsado	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	Hm³
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	450	500	450	470	480	520	470	----------	440	450	328	525	µS/cm
pH	7,3	7,4	7,6	7,6	7,2	7,3	7,9	----------	8,6	7,2	7,7	7,6	pH
Mats.Suspensión	14	38	12	5	14	40	8	----------	106	40	4	126	mg/L
Dureza Total	284,0	290,0	300,0	272,0	264,0	262,0	210,0	----------	208,0	224,0	250,0	340,0	mg/L CO3Ca
Dza.Perman.	216,0	214,0	214,0	204,0	200,0	196,0	148,0	----------	142,0	164,0	188,0	260,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	40,0	33,0	37,0	34,0	32,0	30,0	25,0	----------	37,0	28,0	36,0	41,0	mg/L Cl-
Sulfatos	178,0	208,0	204,0	196,0	188,0	188,0	118,0	----------	118,0	119,0	152,0	134,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	68,0	76,0	86,0	68,0	64,0	66,0	62,0	----------	46,0	60,0	62,0	80,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	58,0	70,0	70,0	56,0	53,0	52,0	44,0	----------	45,0	56,0	62,0	80,0	mg/L Ca
Magnesio	35,0	28,0	30,0	32,0	32,0	32,0	24,0	----------	23,0	20,0	23,0	34,0	mg/L Mg
Sodio	21,0	19,0	22,0	16,0	16,0	16,0	11,0	----------	14,0	10,0	14,0	19,0	mg/L Na
Potasio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	4,0	5,0	50,0	30,0	40,0	3,0	3,0	----------	6,0	5,0	3,0	2,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	12	0	0	4	0	0	0	----------	12	0	40	4	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 23 **Subred:** 23 **Coordenadas X:** 280077

Río: RIO GUADIANA **Y:** 4318360

Situación: E. Orellana. Centro de presa **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
V. embalsado	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	Hm³
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	690	550	460	540	570	600	600	----------	650	600	470	480	µS/cm
pH	7,6	7,6	7,5	7,7	7,2	7,4	7,2	----------	7,9	7,5	8,1	8,2	pH
Mats.Suspensión	31	25	48	4	19	99	7	----------	140	284	40	77	mg/L
Dureza Total	330,0	332,0	332,0	322,0	320,0	318,0	318,0	----------	302,0	336,0	304,0	344,0	mg/L CO3Ca
Dza.Perman.	260,0	258,0	254,0	246,0	248,0	246,0	254,0	----------	240,0	268,0	233,0	271,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	40,0	37,0	41,0	38,0	36,0	35,0	38,0	----------	39,0	38,0	40,0	39,0	mg/L Cl-
Sulfatos	330,0	212,0	188,0	207,0	200,0	200,0	222,0	----------	208,0	122,0	193,0	196,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	70,0	74,0	78,0	76,0	72,0	72,0	64,0	----------	62,0	68,0	71,0	73,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	65,0	78,0	78,0	68,0	68,0	67,0	67,0	----------	63,0	78,0	77,0	74,0	mg/L Ca
Magnesio	41,0	33,0	33,0	37,0	36,0	36,0	36,0	----------	35,0	34,0	27,0	39,0	mg/L Mg
Sodio	22,0	23,0	22,0	18,0	19,0	19,0	18,0	----------	17,0	15,0	14,0	18,0	mg/L Na
Potasio	----------	0,6	----------	----------	----------	----------	----------	----------	< 0,5	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	4,0	5,0	5,0	3,0	6,0	3,0	4,0	----------	5,0	6,0	3,0	4,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	6	4	4	24	2	20	0	----------	2	40	50	2	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 27 **Subred:** 27 **Coordenadas X:** 285181

Río: RIO ZUJAR **Y:** 4310434

Situación: E. Zújar. Centro de presa **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
V. embalsado	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	Hm³
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	130	150	140	180	210	230	260	----------	250	240	189	190	µS/cm
pH	7,1	7,2	7,1	8,0	7,0	7,2	7,2	----------	7,4	7,4	7,6	7,6	pH
Mats.Suspensión	35	10	73	23	11	45	6	----------	60	40	713	18	mg/L
Dureza Total	66,0	68,0	74,0	84,0	84,0	90,0	92,0	----------	102,0	80,0	100,0	96,0	mg/L CO3Ca
Dza.Perman.	12,0	16,0	18,0	28,0	32,0	40,0	36,0	----------	46,0	28,0	39,0	32,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	12,0	12,0	18,0	18,0	11,0	24,0	25,0	----------	26,0	38,0	27,0	28,0	mg/L Cl-
Sulfatos	8,0	10,0	10,0	15,0	15,0	19,0	19,0	----------	20,0	16,0	10,0	19,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	54,0	52,0	56,0	56,0	52,0	50,0	56,0	----------	56,0	60,0	61,0	64,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	12,0	10,0	13,0	18,0	20,0	21,0	21,0	----------	25,0	18,0	21,0	18,0	mg/L Ca
Magnesio	9,0	10,0	10,0	9,0	8,0	9,0	10,0	----------	10,0	10,0	12,0	12,0	mg/L Mg
Sodio	9,0	9,0	11,0	9,0	12,0	12,0	12,0	----------	12,0	10,0	10,0	15,0	mg/L Na
Potasio	----------	1,0	----------	----------	----------	1,5	----------	----------	< 0,5	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	4,0	5,0	6,0	3,0	5,0	4,0	4,0	----------	5,0	5,0	6,0	3,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	0	0	0	100	10	140	0	----------	0	2	8	0	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 28 **Subred:** 28 **Coordenadas X:** 261128

Río: RIO ZUJAR **Y:** 4320451

Situación: E.A. Villanueva de la Serena **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Caudal	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	130	160	140	230	260	230	250	----------	260	250	255	300	µS/cm
pH	7,5	7,7	7,9	7,9	7,0	7,4	7,5	----------	7,4	7,4	7,9	7,6	pH
Mats.Suspensión	29	19	22	16	19	216	9	----------	19	29	3	11	mg/L
Dureza Total	68,0	70,0	72,0	90,0	100,0	86,0	90,0	----------	86,0	98,0	140,0	108,0	mg/L CO3Ca
Dza.Perman.	16,0	16,0	16,0	10,0	6,0	6,0	34,0	----------	36,0	32,0	72,0	47,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	13,0	15,0	15,0	24,0	6,0	17,0	23,0	----------	26,0	16,0	33,0	28,0	mg/L Cl-
Sulfatos	9,0	13,0	11,0	11,0	16,0	6,0	22,0	----------	31,0	17,0	42,0	14,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	52,0	54,0	56,0	80,0	94,0	80,0	56,0	----------	50,0	66,0	68,0	61,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	14,0	11,0	12,0	15,0	21,0	18,0	18,0	----------	18,0	21,0	30,0	19,0	mg/L Ca
Magnesio	8,0	10,0	10,0	13,0	12,0	10,0	11,0	----------	10,0	11,0	16,0	15,0	mg/L Mg
Sodio	9,0	12,0	10,0	16,0	22,0	17,0	10,0	----------	10,0	10,0	13,0	11,0	mg/L Na
Potasio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	4,8	5,2	5,2	5,8	8,6	6,6	5,4	----------	4,6	4,6	4,4	2,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	6	10	0	24	0	0	30	----------	26	8	6	6	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 29 **Subred:** 29 **Coordenadas X:** 257560

Río: RIO GUADIANA **Y:** 4322689

Situación: E.A. Villanueva de la Serena **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Caudal	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	230	400	460	330	570	430	540	----------	550	620	490	360	µS/cm
pH	7,9	7,7	8,1	8,1	7,5	7,9	7,5	----------	7,6	7,1	7,4	7,8	pH
Mats.Suspensión	30	98	20	920	13	151	8	----------	72	60	203	33	mg/L
Dureza Total	138,0	140,0	338,0	164,0	310,0	204,0	232,0	----------	236,0	328,0	332,0	196,0	mg/L CO3Ca
Dza.Perman.	78,0	76,0	254,0	82,0	232,0	120,0	160,0	----------	168,0	248,0	254,0	125,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	21,0	30,0	40,0	30,0	16,0	27,0	34,0	----------	36,0	39,0	40,0	34,0	mg/L Cl-
Sulfatos	48,0	128,0	214,0	42,0	187,0	90,0	144,0	----------	121,0	141,0	110,0	94,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	60,0	64,0	84,0	82,0	78,0	84,0	72,0	----------	68,0	80,0	78,0	71,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	30,0	31,0	70,0	42,0	66,0	50,0	50,0	----------	48,0	85,0	90,0	46,0	mg/L Ca
Magnesio	15,0	15,0	40,0	14,0	35,0	19,0	26,0	----------	28,0	28,0	26,0	19,0	mg/L Mg
Sodio	20,0	20,0	24,0	17,0	19,0	20,0	16,0	----------	15,0	17,0	17,0	15,0	mg/L Na
Potasio	----------	----------	----------	----------	----------	----------	----------	----------	2,0	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	5,0	6,0	5,0	5,0	5,0	4,0	5,0	----------	4,0	4,0	4,0	2,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	0	6	4	200	16	500	50	----------	0	50	14	20	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 31 **Subred:** 31 **Coordenadas X:** 257373

Río: RIO RUECAS **Y:** 4325510

Situación: E.A. Rena **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Caudal	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	550	470	480	220	280	220	800	----------	750	650	550	620	µS/cm
pH	7,5	7,4	7,6	6,9	6,7	6,9	7,2	----------	7,8	7,3	7,7	7,6	pH
Mats.Suspensión	32	174	14	22	16	38	8	----------	35	24	149	108	mg/L
Dureza Total	346,0	264,0	326,0	130,0	130,0	102,0	366,0	----------	336,0	346,0	374,0	356,0	mg/L CO3Ca
Dza.Perman.	240,0	200,0	246,0	96,0	88,0	50,0	290,0	----------	258,0	264,0	288,0	261,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	59,0	41,0	50,0	20,0	15,0	15,0	53,0	----------	48,0	47,0	60,0	57,0	mg/L Cl-
Sulfatos	214,0	181,0	184,0	46,0	65,0	38,0	222,0	----------	222,0	112,0	66,0	122,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	76,0	64,0	80,0	34,0	42,0	52,0	76,0	----------	78,0	82,0	86,0	95,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	70,0	63,0	70,0	25,0	29,0	21,0	68,0	----------	71,0	86,0	85,0	80,0	mg/L Ca
Magnesio	41,0	26,0	37,0	16,0	14,0	12,0	48,0	----------	38,0	32,0	39,0	38,0	mg/L Mg
Sodio	32,0	25,0	31,0	8,0	11,0	8,0	30,0	----------	23,0	22,0	30,0	30,0	mg/L Na
Potasio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	4,6	6,4	5,6	4,0	5,2	5,6	5,2	----------	4,8	3,0	3,4	2,2	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	0	4	0	50	8	0	90	----------	10	22	14	0	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 32 **Subred:** 32 **Coordenadas X:** 244110

Río: RIO ORTIGA **Y:** 4317337

Situación: Desembocadura, 200m aguas arriba confluencia R. Guadiana **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Caudal	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	1040	650	660	400	710	530	730	----------	750	1120	920	890	µS/cm
pH	7,3	7,3	7,8	7,6	7,2	7,6	9,4	----------	7,2	7,5	7,5	7,7	pH
Mats.Suspensión	190	115	470	800	47	85	42	----------	890	177	67	240	mg/L
Dureza Total	312,0	230,0	256,0	146,0	238,0	188,0	192,0	----------	238,0	322,0	400,0	180,0	mg/L CO3Ca
Dza.Perman.	< 0,1	46,0	8,0	22,0	2,0	30,0	52,0	----------	18,0	< 0,1	112,0	< 0,1	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	168,0	110,0	135,0	59,0	89,0	59,0	114,0	----------	91,0	129,0	126,0	124,0	mg/L Cl-
Sulfatos	51,0	30,0	22,0	25,0	57,0	19,0	23,0	----------	22,0	54,0	142,0	76,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	312,0	184,0	248,0	124,0	236,0	158,0	40,0	----------	220,0	384,0	288,0	345,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	63,0	66,0	59,0	31,0	50,0	34,0	39,0	----------	46,0	64,0	96,0	44,0	mg/L Ca
Magnesio	37,0	15,0	26,0	16,0	27,0	25,0	23,0	----------	30,0	41,0	39,0	17,0	mg/L Mg
Sodio	150,0	88,0	112,0	36,0	70,0	48,0	83,0	----------	73,0	90,0	90,0	90,0	mg/L Na
Potasio	----------	10,0	----------	----------	----------	10,0	----------	----------	6,0	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	86,0	35,0	15,0	8,0	24,0	11,0	13,0	----------	58,0	20,0	30,0	38,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	20000	1000	200	1000	4000	600	200	----------	50	5000	1200	10000	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 35 **Subred:** 35 **Coordenadas X:** 216131

Río: RIO MATACHEL **Y:** 4298261

Situación: E. Alange. Centro de presa **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
V. embalsado	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	Hm³
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	680	520	480	400	570	560	870	----------	850	870	740	720	µS/cm
pH	7,6	8,0	8,1	7,9	7,6	7,9	8,0	----------	8,0	7,7	8,0	8,1	pH
Mats.Suspensión	31	80	19	1080	81	242	43	----------	108	141	77	236	mg/L
Dureza Total	300,0	252,0	260,0	186,0	250,0	244,0	306,0	----------	268,0	308,0	392,0	210,0	mg/L CO3Ca
Dza.Perman.	50,0	56,0	32,0	36,0	24,0	202,0	14,0	----------	26,0	12,0	121,0	< 0,1	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	81,0	68,0	83,0	48,0	59,0	50,0	93,0	----------	108,0	119,0	120,0	95,0	mg/L Cl-
Sulfatos	32,0	28,0	19,0	25,0	30,0	23,0	23,0	----------	19,0	4,0	64,0	32,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	250,0	196,0	228,0	150,0	226,0	202,0	292,0	----------	242,0	296,0	271,0	336,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	62,0	60,0	62,0	39,0	54,0	54,0	59,0	----------	31,0	54,0	82,0	48,0	mg/L Ca
Magnesio	35,0	25,0	26,0	21,0	28,0	27,0	38,0	----------	65,0	41,0	46,0	22,0	mg/L Mg
Sodio	54,0	46,0	54,0	28,0	43,0	40,0	70,0	----------	7,0	73,0	62,0	65,0	mg/L Na
Potasio	----------	9,0	----------	----------	----------	8,0	----------	----------	----------	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	6,0	6,0	4,0	4,0	4,0	4,0	5,0	----------	5,0	7,0	3,0	3,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	2	120	0	800	10	40	100	----------	6	60	100	6	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 40 **Subred:** 40 **Coordenadas X:** 167353

Río: RIO GUERRERO **Y:** 4315415

Situación: Desembocadura, 200m aguas arriba confluencia R.Guadiana **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Caudal	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	126	300	400	600	530	330	650	----------	600	590	420	550	µS/cm
pH	7,4	7,2	7,1	7,6	6,9	7,2	7,1	----------	7,2	----------	----------	----------	----------
Mats.Suspensión	34	46	16	22	25	100	15	----------	129	12	3	10	mg/L
Dureza Total	336,0	144,0	248,0	302,0	252,0	172,0	280,0	----------	252,0	296,0	260,0	320,0	mg/L CO3Ca
Dza.Perman.	210,0	86,0	140,0	170,0	152,0	84,0	166,0	----------	160,0	190,0	152,0	225,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	59,0	36,0	53,0	66,0	23,0	26,0	46,0	----------	44,0	46,0	45,0	49,0	mg/L Cl-
Sulfatos	170,0	38,0	102,0	148,0	140,0	38,0	122,0	----------	122,0	120,0	114,0	186,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	126,0	58,0	108,0	132,0	100,0	88,0	114,0	----------	92,0	106,0	108,0	95,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	70,0	32,0	58,0	74,0	50,0	34,0	61,0	----------	54,0	72,0	62,0	80,0	mg/L Ca
Magnesio	39,0	15,0	27,0	28,0	31,0	21,0	31,0	----------	29,0	28,0	25,0	29,0	mg/L Mg
Sodio	35,0	22,0	33,0	36,0	33,0	16,0	27,0	----------	24,0	27,0	22,0	26,0	mg/L Na
Potasio	----------	11,0	----------	----------	----------	6,0	----------	----------	4,0	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	7,0	9,0	4,0	3,0	5,0	4,0	4,0	----------	4,0	5,0	2,0	2,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	4	14	6	50	16	100	16	----------	12	16	50	4	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 43 **Subred:** 42-B **Coordenadas X:** 145461

Río: RIO GUADIANA **Y:** 4305990

Situación: E.A. Benavides **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------				ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------				ºC
Caudal	----------	----------	----------	----------	----------	----------	----------	----------	----------				m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	480	500	430	310	420	430	660	----------	560				µS/cm
pH	7,4	7,4	7,1	7,4	7,2	7,2	7,2	----------	7,2				pH
Mats.Suspensión	41	40	13	980	28	220	17	----------	113				mg/L
Dureza Total	240,0	232,0	280,0	144,0	210,0	190,0	280,0	----------	234,0				mg/L CO3Ca
Dza.Perman.	126,0	128,0	174,0	64,0	124,0	114,0	172,0	----------	148,0				mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	49,0	62,0	49,0	33,0	7,0	31,0	50,0	----------	41,0	No	No	No	mg/L Cl-
Sulfatos	94,0	92,0	125,0	57,0	98,0	90,0	132,0	----------	132,0				mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
Carbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	se	se	se	mg/L CO3Ca
Bicarbonatos	114,0	104,0	106,0	80,0	86,0	76,0	108,0	----------	86,0				mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	tomó	tomó	tomó	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
Calcio	52,0	63,0	66,0	28,0	47,0	39,0	62,0	----------	49,0				mg/L Ca
Magnesio	27,0	17,0	28,0	18,0	22,0	22,0	31,0	----------	27,0	muestra	muestra	muestra	mg/L Mg
Sodio	32,0	36,0	30,0	18,0	21,0	20,0	30,0	----------	20,0				mg/L Na
Potasio	----------	4,0	----------	----------	----------	3,0	----------	----------	4,0				mg/L K
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
D.Q.O. 10min	7,0	6,0	4,0	4,0	6,0	4,0	5,0	----------	5,0				mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	8	200	6	800	16	0	40	----------	12				UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------				----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 46 **Subred:** 45 **Coordenadas X:** 153742

Río: RIO CHANZA **Y:** 4209173

Situación: E.A. Aroche **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Caudal	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	350	410	420	370	320	470	450	----------	550	440	368	375	µS/cm
pH	6,7	6,8	7,7	7,7	7,5	7,8	7,4	----------	7,6	7,6	8,1	8,0	pH
Mats.Suspensión	27	81	11	16	6	35	8	----------	36	149	6	24	mg/L
Dureza Total	164,0	220,0	222,0	192,0	170,0	164,0	176,0	----------	254,0	208,0	204,0	226,0	mg/L CO3Ca
Dza.Perman.	38,0	127,0	10,0	26,0	18,0	12,0	24,0	----------	10,0	34,0	44,0	46,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	36,0	47,0	45,0	35,0	40,0	29,0	31,0	----------	40,0	42,0	37,0	49,0	mg/L Cl-
Sulfatos	19,0	16,0	11,0	18,0	12,0	20,0	24,0	----------	19,0	24,0	29,0	32,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	127,0	93,0	212,0	166,0	152,0	152,0	152,0	----------	244,0	174,0	160,0	160,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	34,0	47,0	46,0	42,0	34,0	36,0	42,0	----------	54,0	53,0	48,0	56,0	mg/L Ca
Magnesio	19,0	25,0	26,0	21,0	20,0	18,0	17,0	----------	29,0	18,0	20,0	21,0	mg/L Mg
Sodio	23,0	32,0	28,0	24,0	29,0	17,0	18,0	----------	24,0	25,0	20,0	24,0	mg/L Na
Potasio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	22,0	56,0	6,8	4,0	13,0	6,0	1,8	----------	1,4	3,6	1,0	2,1	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	0	300	100	10	18	10	0	----------	4	18	20	24	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 50 **Subred:** 51 **Coordenadas X:** 122435

Río: RIO PIEDRAS **Y:** 4144407

Situación: E. Piedras. Centro de presa **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
V. embalsado	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	Hm³
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	130	130	140	150	130	700	180	----------	180	180	158	145	µS/cm
pH	6,8	6,1	7,0	6,5	7,1	7,6	7,2	----------	7,1	7,0	7,0	7,0	pH
Mats.Suspensión	4	34	8	20	12	14	5	----------	10	36	21	127	mg/L
Dureza Total	44,0	50,0	50,0	64,0	44,0	48,0	50,0	----------	60,0	58,0	62,0	33,0	mg/L CO3Ca
Dza.Perman.	10,0	43,0	12,0	30,0	6,0	12,0	6,0	----------	12,0	8,0	14,0	< 0,1	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	18,0	34,0	22,0	20,0	22,0	21,0	21,0	----------	24,0	21,0	25,0	25,0	mg/L Cl-
Sulfatos	< 4,0	5,0	< 4,0	< 4,0	< 4,0	7,0	< 4,0	----------	12,0	8,0	4,0	< 4,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	34,0	7,0	38,0	34,0	38,0	36,0	44,0	----------	48,0	50,0	48,0	46,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	9,0	14,0	13,0	13,0	10,0	9,0	13,0	----------	13,0	11,0	10,0	6,0	mg/L Ca
Magnesio	5,0	5,0	4,0	8,0	4,0	6,0	4,0	----------	7,0	7,0	9,0	4,0	mg/L Mg
Sodio	10,0	14,0	11,0	12,0	12,0	9,0	5,0	----------	10,0	15,0	12,0	12,0	mg/L Na
Potasio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	6,0	1,0	3,0	2,0	4,0	4,0	3,0	----------	3,0	3,0	2,0	3,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	24	4	20	2	10	0	0	----------	0	4	6	14	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 51 **Subred:** 52 **Coordenadas X:** 173245

Río: RIO ODIEL **Y:** 4182074

Situación: Pte. Cinco Ojos. Ctra. Almonaster-Campillo **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Caudal	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	450		1010	560	370	1030	2400	----------	----------	2390	1700	1200	µS/cm
pH	3,3		3,4	3,0	4,1	3,2	2,5	----------	----------	5,0	3,0	3,0	pH
Mats.Suspensión	99		15	21	133	198	12	----------	----------	1815	161	118	mg/L
Dureza Total	< 0,1		520,0	270,0	< 0,1	160,0	160,0	----------	----------	----------	660,0	620,0	mg/L CO3Ca
Dza.Perman.	< 0,1		520,0	270,0	< 0,1	160,0	160,0	----------	----------	----------	660,0	620,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	22,0	No	16,0	9,0	11,0	9,0	23,0	----------	----------	24,0	17,0	15,0	mg/L Cl-
Sulfatos	248,0		792,0	268,0	112,0	415,0	1224,0	----------	----------	1600,0	1156,0	710,0	mg/L SO4=
Nitratos	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 0,1	se	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	----------	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	< 0,1		< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	----------	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Fosfatos	----------	tom	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	----------		140,0	80,0	----------	44,0	----------	----------	----------	----------	100,0	120,0	mg/L Ca
Magnesio	----------	muestra	41,0	17,0	----------	12,0	----------	----------	----------	----------	100,0	77,0	mg/L Mg
Sodio	11,0		41,0	7,0	8,0	8,0	15,0	----------	----------	22,0	11,0	18,0	mg/L Na
Potasio	----------		----------	----------	----------	12,0	----------	----------	----------	----------	----------	----------	----------
Cromo	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	25,0		6,0	2,0	3,0	4,0	5,0	----------	----------	11,0	1,0	1,0	mg/L O2
Nitritos	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	6		0	4	8	0	0	----------	----------	0	0	0	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------		----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 56 **Subred:** 57 **Coordenadas X:** 147582

Río: RIO ODIEL **Y:** 4144323

Situación: E.A. Gibraleón-Ctra. Huelva-Ayamonte **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Caudal	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	280	1500	1200	670	500	500	1000	----------	1200	1580	2180	2100	µS/cm
pH	3,5	2,6	3,0	2,7	3,2	3,8	2,9	----------	3,7	3,0	3,0	3,0	pH
Mats.Suspensión	61	52	16	13	35	40	4	----------	132	934	155	205	mg/L
Dureza Total	----------	----------	420,0	200,0	----------	130,0	560,0	----------	370,0	----------	1120,0	1420,0	mg/L CO3Ca
Dza.Perman.	----------	----------	420,0	200,0	----------	130,0	560,0	----------	370,0	----------	1120,0	1420,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	15,0	104,0	28,0	16,0	15,0	27,0	22,0	----------	42,0	32,0	32,0	30,0	mg/L Cl-
Sulfatos	134,0	416,0	712,0	246,0	194,0	115,0	360,0	----------	620,0	1020,0	1750,0	1076,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	----------	----------	104,0	36,0	----------	24,0	----------	----------	76,0	----------	120,0	120,0	mg/L Ca
Magnesio	----------	----------	39,0	27,0	----------	17,0	----------	----------	44,0	----------	199,0	269,0	mg/L Mg
Sodio	37,0	63,0	22,0	14,0	14,0	14,0	17,0	----------	29,0	35,0	73,0	34,0	mg/L Na
Potasio	----------	19,0	----------	----------	----------	10,0	----------	----------	----------	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	22,0	15,0	6,0	2,0	3,0	2,0	3,0	----------	3,0	22,0	1,0	1,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	12	0	0	0	0	0	0	----------	0	0	0	0	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Ministerio de Medio Ambiente

Confederación Hidrográfica del Guadiana
Comisaría de Aguas

RED INTEGRAL CALIDAD DE LAS AGUAS

(Subred COCA)

Red ICA: 57 **Subred:** 58 **Coordenadas X:** 174695

Río: RIO TINTO **Y:** 4141684

Situación: E.A. Puente Romano de Niebla **Z:**

- Año 1971 -

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	UNIDADES
Temp.Agua	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Temp.Ambiente	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	ºC
Caudal	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	m³/s
CARACTERISTICAS ORGANOLEPTICAS													
Color	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Aspecto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS FISICO-QUIMICAS													
Conductividad 20ºC	500	1700	2130	1400	1300	2350	3000	----------	5000	4800	5040	5100	µS/cm
pH	3,1	2,5	2,7	2,4	2,9	2,4	2,2	----------	2,2	2,4	2,6	2,4	pH
Mats.Suspensión	57	433	33	35	173	461	13	----------	2768	3804	2098	2769	mg/L
Dureza Total	----------	----------	----------	450,0	----------	250,0	----------	----------	1050,0	----------	----------	----------	----------
Dza.Perman.	----------	----------	----------	450,0	----------	250,0	----------	----------	1050,0	----------	----------	----------	----------
CARACTERISTICAS QUIMICAS													
Cloruros	14,0	34,0	66,0	29,0	25,0	23,0	50,0	----------	53,0	59,0	55,0	45,0	mg/L Cl-
Sulfatos	170,0	1080,0	1560,0	660,0	864,0	800,0	1500,0	----------	3600,0	1680,0	7960,0	3950,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	----------	----------	----------	108,0	----------	52,0	----------	----------	196,0	----------	----------	----------	----------
Magnesio	----------	----------	----------	44,0	----------	29,0	----------	----------	136,0	----------	----------	----------	----------
Sodio	115,0	29,0	48,0	28,0	26,0	22,0	45,0	----------	45,0	59,0	105,0	48,0	mg/L Na
Potasio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cromo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Manganeso	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Hierro	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cobre	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cinc	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Arsénico	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cadmio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Mercurio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Plomo	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Ox.Dto %	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.B.O. 5d	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
D.Q.O. 10min	24,0	22,0	6,0	8,0	12,0	9,0	3,0	----------	3,0	5,0	4,0	----------	----------
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	----------	----------	----------	0	0	0	----------	----------	0	0	0	0	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------