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 1969 -

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	530	550	470	470	590	670	700	----------	550	560	500	510	µS/cm
pH	7,5	7,5	7,5	7,7	7,8	7,9	7,6	----------	7,8	7,6	7,6	7,8	pH
Mats.Suspensión	31	18	34	174	51	43	37	----------	31	10	106	172	mg/L
Dureza Total	270,0	332,0	272,0	280,0	314,0	298,0	302,0	----------	354,0	388,0	288,0	310,0	mg/L CO3Ca
Dza.Perman.	2,0	76,0	80,0	78,0	116,0	146,0	88,0	----------	198,0	202,0	90,0	40,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	29,0	30,0	27,0	25,0	35,0	38,0	35,0	----------	35,0	33,0	31,0	29,0	mg/L Cl-
Sulfatos	54,0	38,0	50,0	40,0	70,0	86,0	80,0	----------	74,0	57,0	55,0	66,0	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	268,0	256,0	192,0	202,0	198,0	152,0	214,0	----------	156,0	186,0	198,0	270,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	52,0	66,0	52,0	54,0	77,0	70,0	70,0	----------	68,0	82,0	78,0	83,0	mg/L Ca
Magnesio	34,0	41,0	35,0	35,0	30,0	30,0	31,0	----------	45,0	44,0	22,0	25,0	mg/L Mg
Sodio	16,0	16,0	12,0	13,0	15,0	15,0	12,0	----------	14,0	8,0	17,0	18,0	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	1,6	3,4	5,4	0,6	1,0	3,2	2,6	----------	4,6	1,6	4,4	4,2	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	48	20	4	8	8	100	100	----------	1200	100	800	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: 2 **Subred:** 2 **Coordenadas X:** 499452

Río: RIO GUADIANA **Y:** 4323585

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

- Año 1969 -

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	470	----------	450	470	500	580	600	----------	520	520	450	450	µS/cm
pH	7,7	----------	8,0	7,9	8,0	8,0	7,8	----------	7,9	7,7	7,9	7,8	pH
Mats.Suspensión	470	----------	15	126	41	15	87	----------	26	25	68	106	mg/L
Dureza Total	282,0	----------	284,0	282,0	264,0	254,0	256,0	----------	334,0	340,0	340,0	250,0	mg/L CO3Ca
Dza.Perman.	70,0	----------	94,0	98,0	76,0	116,0	92,0	----------	200,0	200,0	190,0	80,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	37,0	----------	35,0	34,0	30,0	32,0	46,0	----------	39,0	36,0	36,0	36,0	mg/L Cl-
Sulfatos	72,8	----------	74,0	40,0	76,0	62,4	92,4	----------	84,8	55,0	76,0	62,0	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	212,0	----------	190,0	184,0	188,0	138,0	164,0	----------	134,0	140,0	172,0	212,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	57,6	----------	55,2	55,2	60,8	56,8	56,8	----------	67,2	72,8	65,0	66,0	mg/L Ca
Magnesio	33,5	----------	35,5	34,9	27,2	27,2	27,7	----------	40,3	39,3	22,3	22,3	mg/L Mg
Sodio	22,5	----------	17,0	18,0	13,5	16,0	12,0	----------	17,0	10,0	18,0	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	1,8	----------	3,6	0,4	1,0	2,6	1,0	----------	4,0	1,4	2,0	1,8	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	4	----------	10	14	0	0	80	----------	30	0	10	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: 3 **Subred:** 3 **Coordenadas X:** 499781

Río: RIO AZUER **Y:** 4296474

Situación: Ctra. Infantes-Carrizosa **Z:**

- Año 1969 -

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						780	800			880	830	740	µS/cm
pH						7,7	8,1			7,8	7,7	7,9	pH
Mats.Suspensión						50	24			35	36	227	mg/L
Dureza Total						390,0	420,0			760,0	630,0	550,0	mg/L CO3Ca
Dza.Perman.						230,0	250,0			576,0	400,0	288,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros						15,0	11,0			18,0	20,0	18,0	mg/L Cl-
Sulfatos						180,0	120,4			225,0	330,0	284,0	mg/L SO4=
Nitratos													
Carbonatos						< 0,1	< 0,1			< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos						160,0	170,0			184,0	230,0	262,0	mg/L CO3Ca
Fosfatos													
Fluoruros													
Cianuros													
Sílice													
Calcio						100,8	90,4			172,0	143,0	132,0	mg/L Ca
Magnesio						33,5	47,1			80,0	63,0	53,0	mg/L Mg
Sodio						7,0	6,0			7,0	14,0	14,0	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						2,8	3,6			1,2	1,6	1,4	mg/L O2
Nitritos													
Fenoles													
Detergentes													
Amonio													
Alcalinidad													
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales						40	100			20	100	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: 4 **Subred:** 4 **Coordenadas X:** 485458

Río: RIO AZUER **Y:** 4302220

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

- Año 1969 -

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	1180	950	850	----------	850	1120	1230	----------	1000	1230	1100	1050	µS/cm
pH	7,5	7,7	8,0	----------	7,7	7,9	7,6	----------	7,9	7,6	7,6	7,9	pH
Mats.Suspensión	106	277	1953	----------	22	72	33	----------	409	101	262	319	mg/L
Dureza Total	870,0	652,0	588,0	----------	630,0	590,0	624,0	----------	750,0	----------	----------	----------	----------
Dza.Perman.	502,0	484,0	328,0	----------	418,0	460,0	436,0	----------	574,0	----------	----------	----------	----------
CARACTERISTICAS QUIMICAS													
Cloruros	116,0	70,0	38,0	----------	43,0	52,0	25,0	----------	52,0	92,0	95,0	80,0	mg/L Cl-
Sulfatos	380,0	93,2	186,4	----------	226,4	284,0	244,8	----------	218,4	386,0	414,0	386,0	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	268,0	168,0	260,0	----------	212,0	130,0	188,0	----------	176,0	216,0	226,0	80,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	172,0	132,8	141,6	----------	152,0	132,0	136,8	----------	146,4	219,0	169,0	188,0	mg/L Ca
Magnesio	106,0	77,0	56,9	----------	60,7	63,1	68,5	----------	93,3	115,0	87,0	78,0	mg/L Mg
Sodio	38,0	22,0	12,5	----------	12,0	13,0	14,0	----------	17,5	17,0	29,0	23,0	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	1,2	4,8	4,2	----------	3,0	3,0	2,8	----------	5,6	1,4	1,4	3,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	84	80	80	----------	100	2	0	----------	1800	100	80	50	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 1969 -

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				820	1000	1040							
pH				8,0	8,0	7,9							
Mats.Suspensión				641	131	60							
Dureza Total				590,0	630,0	530,0							
Dza.Perman.				366,0	454,0	454,0							
CARACTERISTICAS QUIMICAS													
Cloruros				40,0	55,0	69,0							
Sulfatos				184,0	350,0	256,0							
Nitratos													
Carbonatos				< 0,1	< 0,1	< 0,1							
Bicarbonatos				224,0	176,0	76,0							
Fosfatos													
Fluoruros													
Cianuros													
Sílice													
Calcio				110,4	157,6	110,4							
Magnesio				69,0	57,3	61,7							
Sodio				16,0	18,0	20,0							
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	1,4	5,4							
Nitritos													
Fenoles													
Detergentes													
Amonio													
Alcalinidad													
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales				20	50	10							
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: 6 **Subred:** 6 **Coordenadas X:** 493058

Río: RIO GIGÜELA **Y:** 4388104

Situación: E.A. Quintanar **Z:**

- Año 1969 -

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	1620	1650	1540	1620	1800	2000	2000	----------	1750	1750	1600	1610	µS/cm
pH	7,5	7,9	7,7	7,5	7,7	7,7	7,6	----------	7,8	7,7	7,6	7,7	pH
Mats.Suspensión	287	170	643	1046	249	99	503	----------	269	109	185	340	mg/L
Dureza Total	1440,0	1370,0	1310,0	1480,0	1400,0	1330,0	1360,0	----------	1720,0	1850,0	1390,0	1480,0	mg/L CO3Ca
Dza.Perman.	1242,0	1126,0	1108,0	1286,0	1192,0	1206,0	1204,0	----------	1584,0	1700,0	1262,0	1256,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	26,0	27,0	27,0	24,0	25,0	19,0	48,0	----------	23,0	21,0	23,0	29,0	mg/L Cl-
Sulfatos	490,0	576,0	712,0	520,0	872,0	536,0	924,0	----------	884,0	1040,0	940,0	940,0	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	198,0	244,0	202,0	194,0	218,0	124,0	156,0	----------	136,0	150,0	128,0	224,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	424,0	272,0	268,0	292,0	364,0	340,0	344,0	----------	524,0	404,0	284,0	344,0	mg/L Ca
Magnesio	84,0	167,0	155,0	182,0	119,0	117,0	121,0	----------	100,0	204,0	165,0	151,0	mg/L Mg
Sodio	13,0	93,0	11,0	12,0	11,0	7,0	7,0	----------	90,0	7,0	13,0	18,0	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	1,2	2,6	5,2	1,6	2,0	3,4	4,8	----------	3,6	1,0	1,6	1,6	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	4	80	18	54	26	30	20	----------	600	40	200	100	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: 7 **Subred:** 7 **Coordenadas X:** 473302

Río: RIO GIGÜELA **Y:** 4362867

Situación: E.A. Villafranca **Z:**

- Año 1969 -

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	----------	1930	1960	2000	2100	2320	2450	----------	1580	2320	1900	2000	µS/cm
pH	----------	7,9	7,8	7,8	7,8	7,9	7,8	----------	7,6	7,7	7,7	7,9	pH
Mats.Suspensión	----------	166	1781	1376	95	138	481	----------	14	185	336	381	mg/L
Dureza Total	----------	1630,0	1710,0	1740,0	1640,0	1630,0	1680,0	----------	450,0	2490,0	1680,0	1790,0	mg/L CO3Ca
Dza.Perman.	----------	1472,0	1542,0	1572,0	1464,0	1494,0	1496,0	----------	374,0	2328,0	1488,0	1522,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	----------	57,0	62,0	67,0	54,0	39,0	42,0	----------	17,0	95,0	58,0	95,0	mg/L Cl-
Sulfatos	----------	1040,0	1000,0	1440,0	964,0	804,0	1016,0	----------	204,0	1000,0	1036,0	980,0	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	168,0	168,0	176,0	136,0	184,0	----------	76,0	162,0	192,0	268,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	----------	372,0	368,0	348,0	460,0	412,0	416,0	----------	108,0	524,0	368,0	384,0	mg/L Ca
Magnesio	----------	170,1	191,7	211,4	119,0	145,8	155,5	----------	43,7	287,0	185,0	202,0	mg/L Mg
Sodio	----------	28,0	29,0	33,0	25,0	15,0	14,0	----------	6,0	26,0	28,0	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	----------	3,6	5,2	2,4	4,2	5,0	10,6	----------	4,8	3,2	3,4	3,6	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	----------	10	0	0	10	4	4	----------	1200	46	18	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: 8 **Subred:** 8 **Coordenadas X:** 468523

Río: RIO GIGÜELA **Y:** 4350308

Situación: E.A. Buenavista **Z:**

- Año 1969 -

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	1880	1890	1990	1880	2020	2220	2300	----------	2030	2190	1830	1800	µS/cm
pH	7,7	7,9	7,9	8,0	8,0	8,0	7,8	----------	7,9	7,8	7,8	8,0	pH
Mats.Suspensión	256	163	165	305	72	140	120	----------	1062	252	495	154	mg/L
Dureza Total	1630,0	1500,0	1610,0	1550,0	1580,0	1540,0	1580,0	----------	1850,0	2350,0	1640,0	1630,0	mg/L CO3Ca
Dza.Perman.	1350,0	1286,0	1398,0	1376,0	1396,0	1404,0	1398,0	----------	1734,0	2222,0	1434,0	1402,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	95,0	97,0	101,0	66,0	62,0	53,0	20,0	----------	120,0	78,0	65,0	85,0	mg/L Cl-
Sulfatos	968,0	696,0	886,0	1020,0	1000,0	980,0	1000,0	----------	940,0	1140,0	1036,0	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	< 0,1	mg/L CO3Ca
Bicarbonatos	280,0	214,0	212,0	174,0	186,0	136,0	182,0	----------	116,0	128,0	206,0	228,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	340,0	304,0	340,0	372,0	412,0	404,0	408,0	----------	492,0	492,0	368,0	364,0	mg/L Ca
Magnesio	189,0	180,0	185,0	151,0	134,0	129,0	136,0	----------	150,0	272,0	175,0	175,0	mg/L Mg
Sodio	44,0	42,0	43,0	33,0	26,0	20,0	16,0	----------	36,0	22,0	32,0	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	2,6	6,4	6,2	4,0	5,8	6,4	8,0	----------	10,2	3,6	4,4	4,6	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	2	400	0	2	0	0	120	----------	400	10	100	100	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: 9 **Subred:** 9 **Coordenadas X:** 536305

Río: RIO ZANCARA **Y:** 4356650

Situación: E.A. El Provencio **Z:**

- Año 1969 -

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	1600	1550	1100	1520	1600	1820	2000	----------	1760	1740	1540	1450	µS/cm
pH	7,5	7,8	7,8	7,4	7,9	7,7	7,7	----------	7,9	7,8	7,6	7,8	pH
Mats.Suspensión	106	249	2533	70	286	205	149	----------	48	65	415	466	mg/L
Dureza Total	1370,0	1300,0	950,0	1500,0	1210,0	1200,0	1320,0	----------	1740,0	1820,0	1340,0	1300,0	mg/L CO3Ca
Dza.Perman.	1182,0	1144,0	744,0	1312,0	1004,0	1076,0	1178,0	----------	1626,0	1690,0	1188,0	1124,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	30,0	29,0	22,0	28,0	24,0	23,0	32,0	----------	28,0	27,0	26,0	27,0	mg/L Cl-
Sulfatos	968,0	560,0	444,0	760,0	560,0	736,0	1000,0	----------	1000,0	864,0	756,0	476,0	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	188,0	156,0	206,0	188,0	206,0	124,0	142,0	----------	114,0	130,0	152,0	176,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	380,0	248,0	192,0	348,0	312,0	312,0	328,0	----------	404,0	412,0	276,0	312,0	mg/L Ca
Magnesio	102,0	165,2	114,2	153,0	104,4	102,0	121,5	----------	177,0	192,0	158,0	126,0	mg/L Mg
Sodio	16,0	16,0	10,0	15,0	12,0	10,0	16,5	----------	13,0	9,0	16,0	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	1,3	3,2	5,4	1,2	3,0	3,0	4,4	----------	3,8	1,2	2,2	3,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	0	16	0	18	40	2	44	----------	80	50	40	50	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 1969 -

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	1690	1660	1720	1800	2150	2300	----------	1860	1940	1670	1550	µS/cm
pH	7,7	8,0	7,9	7,9	7,7	7,9	8,0	----------	8,0	7,9	7,8	7,9	pH
Mats.Suspensión	114	132	171	169	50	159	475	----------	19	42	504	213	mg/L
Dureza Total	1540,0	1330,0	1390,0	1470,0	1360,0	1420,0	1510,0	----------	1820,0	2040,0	1450,0	1370,0	mg/L CO3Ca
Dza.Perman.	1244,0	1076,0	1142,0	1258,0	1152,0	1224,0	1290,0	----------	1660,0	1840,0	1211,0	1092,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	87,0	81,0	54,0	58,0	61,0	56,0	47,0	----------	64,0	53,0	55,0	60,0	mg/L Cl-
Sulfatos	522,0	660,0	454,0	820,0	552,0	756,0	908,0	----------	900,0	760,0	884,0	812,0	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	296,0	254,0	248,0	212,0	208,0	196,0	220,0	----------	160,0	200,0	238,0	278,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	312,0	252,0	272,0	312,0	332,0	344,0	340,0	----------	528,0	492,0	332,0	324,0	mg/L Ca
Magnesio	185,0	170,0	172,0	168,0	129,0	136,0	160,0	----------	121,0	197,0	152,0	136,0	mg/L Mg
Sodio	38,0	36,0	32,0	29,0	24,0	20,0	9,0	----------	24,0	15,0	28,0	31,0	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	2,6	5,6	6,6	2,6	4,8	7,4	7,6	----------	10,2	3,6	3,6	4,6	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	8	16	4	60	40	0	24	----------	300	0	40	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: 11 **Subred:** 11 **Coordenadas X:** 463173

Río: RIO GIGÜELA **Y:** 4343895

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

- Año 1969 -

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	1770	1850	2000	1820	1950	2300	2300	----------	1350	2150	1800	1850	µS/cm
pH	7,8	8,0	8,1	7,9	7,6	7,8	7,8	----------	8,2	7,9	7,7	7,9	pH
Mats.Suspensión	125	146	230	100	347	221	80	----------	873	873	325	296	mg/L
Dureza Total	1550,0	1490,0	1590,0	1540,0	1500,0	1530,0	1540,0	----------	1150,0	2200,0	1580,0	1580,0	mg/L CO3Ca
Dza.Perman.	1264,0	1270,0	1388,0	1354,0	1296,0	1368,0	1352,0	----------	970,0	1994,0	1358,0	1338,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	160,0	106,0	129,0	76,0	87,0	69,0	61,0	----------	69,0	94,0	83,5	98,0	mg/L Cl-
Sulfatos	516,0	808,0	368,0	880,0	872,0	944,0	1000,0	----------	580,0	1004,0	1128,0	1016,0	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	286,0	220,0	202,0	186,0	204,0	162,0	188,0	----------	180,0	206,0	222,0	242,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	308,0	300,0	332,0	352,0	372,0	380,0	380,0	----------	288,0	564,0	336,0	332,0	mg/L Ca
Magnesio	184,6	179,8	184,7	160,3	138,5	140,9	143,3	----------	104,4	192,0	179,0	182,0	mg/L Mg
Sodio	45,0	45,0	50,0	36,0	33,0	25,0	21,0	----------	22,0	25,0	38,0	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	3,7	4,8	6,6	4,4	5,4	7,8	10,0	----------	13,2	2,6	6,4	6,4	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	66	40	2	8	0	2	0	----------	500	100	40	100	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 1969 -

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	320	300	270	220	250	300	320	----------	300	300	330	260	µS/cm
pH	7,0	7,5	6,9	7,2	6,9	7,6	7,6	----------	7,7	7,5	7,6	7,3	pH
Mats.Suspensión	30	9	54	10	10	22	20	----------	28	20	15	23	mg/L
Dureza Total	220,0	150,0	124,0	110,0	104,0	110,0	110,0	----------	152,0	162,0	124,0	132,0	mg/L CO3Ca
Dza.Perman.	108,0	80,0	48,0	46,0	40,0	58,0	26,0	----------	78,0	76,0	20,0	4,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	62,0	58,0	44,0	36,0	37,0	37,0	38,0	----------	42,0	41,0	41,0	42,0	mg/L Cl-
Sulfatos	17,0	26,0	16,0	10,0	25,0	28,0	32,0	----------	24,0	28,0	14,0	16,0	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	112,0	70,0	76,0	64,0	64,0	52,0	84,0	----------	74,0	86,0	104,0	128,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	45,0	36,0	26,0	20,0	19,0	22,0	24,0	----------	42,0	36,0	30,0	30,0	mg/L Ca
Magnesio	26,0	14,0	14,0	15,0	13,0	14,0	12,0	----------	11,0	17,0	12,0	14,0	mg/L Mg
Sodio	19,0	12,0	13,0	12,0	9,0	10,0	10,0	----------	12,0	7,0	15,0	21,0	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	1,9	3,4	4,0	3,2	1,6	4,4	5,0	----------	4,4	2,2	2,6	3,2	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	36	40	100	0	0	2	9	----------	40	0	40	16	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: 14 **Subred:** 14 **Coordenadas X:** 510074

Río: RIO JABALON **Y:** 4283587

Situación: Pte. Ctra. Vva. de los Infantes-Montiel **Z:**

- Año 1969 -

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	720	860	780	650	860	900	1020	----------	1060	920	800	----------	----------
pH	7,8	7,9	8,1	7,9	7,8	7,7	7,8	----------	8,2	8,0	7,9	----------	----------
Mats.Suspensión	459	244	27	46	90	59	51	----------	382	59	25	----------	----------
Dureza Total	690,0	600,0	542,0	570,0	540,0	530,0	530,0	----------	906,0	820,0	600,0	----------	----------
Dza.Perman.	410,0	340,0	298,0	352,0	336,0	372,0	344,0	----------	674,0	588,0	352,0	----------	----------
CARACTERISTICAS QUIMICAS													
Cloruros	13,0	19,0	20,0	11,0	12,0	11,0	14,0	----------	19,0	14,0	15,0	----------	----------
Sulfatos	177,6	195,2	192,0	102,0	181,6	94,4	302,0	----------	208,0	256,0	262,0	----------	----------
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	----------	< 0,1	< 0,1	< 0,1	----------	----------
Bicarbonatos	280,0	260,0	244,0	218,0	204,0	158,0	186,0	----------	232,0	232,0	248,0	----------	----------
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	144,0	140,0	110,4	140,0	120,0	124,0	124,0	----------	243,2	204,0	132,0	----------	----------
Magnesio	80,2	60,7	64,6	53,4	58,3	53,4	53,4	----------	72,4	75,0	66,0	----------	----------
Sodio	7,9	10,0	10,0	6,0	5,5	5,0	10,0	----------	11,0	6,0	9,0	----------	----------
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	1,5	5,2	4,2	0,8	0,8	3,6	3,6	----------	5,6	1,4	3,0	----------	----------
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	300	180	100	84	0	200	30	----------	800	400	100	----------	----------
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 1969 -

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	1310	950	630	880	890	1240	1550	----------	530	1410	1200	980	µS/cm
pH	8,0	7,9	8,1	7,9	7,9	7,9	7,9	----------	7,9	8,1	7,9	8,1	pH
Mats.Suspensión	446	51	19	615	127	64	120	----------	16	87	50	88	mg/L
Dureza Total	1700,0	600,0	354,0	600,0	602,0	620,0	720,0	----------	340,0	1010,0	730,0	650,0	mg/L CO3Ca
Dza.Perman.	1348,0	352,0	166,0	350,0	382,0	408,0	434,0	----------	242,0	556,0	394,0	380,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	216,0	120,0	64,0	100,0	93,0	111,0	138,0	----------	31,0	157,0	158,0	121,0	mg/L Cl-
Sulfatos	366,0	164,0	91,0	45,0	141,0	256,0	362,0	----------	104,0	340,0	320,0	228,0	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	352,0	248,0	188,0	250,0	220,0	212,0	286,0	----------	98,0	454,0	336,0	270,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	344,0	129,0	70,0	152,0	140,0	156,0	136,0	----------	74,0	226,0	168,0	160,0	mg/L Ca
Magnesio	204,0	67,0	43,0	53,0	61,0	56,0	92,0	----------	37,0	108,0	76,0	61,0	mg/L Mg
Sodio	83,0	51,0	26,0	44,0	36,0	39,0	46,0	----------	14,0	49,0	77,0	58,0	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	3,8	8,0	7,2	3,6	0,8	6,0	6,6	----------	8,4	5,0	4,0	4,4	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	32	40	50	0	60	8	140	----------	50	120	200	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: 16 **Subred:** 16 **Coordenadas X:** 403276

Río: RIO GUADIANA **Y:** 4305500

Situación: E.A. Balbuena **Z:**

- Año 1969 -

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	880	430	590	1200	1400	2240	2100	----------	1160	1350	1300	1280	µS/cm
pH	7,8	7,1	8,1	7,9	7,8	7,9	8,0	----------	8,2	8,2	7,8	8,0	pH
Mats.Suspensión	39	359	82	178	235	230	341	----------	40	77	117	226	mg/L
Dureza Total	268,0	220,0	322,0	896,0	936,0	1310,0	1240,0	----------	890,0	1150,0	986,0	910,0	mg/L CO3Ca
Dza.Perman.	28,0	146,0	234,0	718,0	758,0	1146,0	1054,0	----------	714,0	778,0	762,0	796,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	96,0	69,0	63,0	94,0	94,0	105,0	96,0	----------	96,0	101,0	110,0	105,0	mg/L Cl-
Sulfatos	208,0	45,0	98,0	118,0	446,0	792,0	546,0	----------	398,0	522,0	518,0	422,0	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	240,0	84,0	88,0	178,0	178,0	164,0	186,0	----------	176,0	372,0	224,0	214,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	51,0	41,0	66,0	190,0	234,0	340,0	328,0	----------	202,0	256,0	264,0	172,0	mg/L Ca
Magnesio	34,0	29,0	38,0	102,0	85,0	112,0	102,0	----------	93,0	124,0	79,0	117,0	mg/L Mg
Sodio	42,0	16,0	22,0	43,0	31,0	38,0	31,0	----------	29,0	25,0	27,0	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	3,8	9,6	7,0	5,0	8,8	7,8	8,4	----------	6,0	4,4	6,8	7,2	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	90	20	50	20	0	26	10	----------	20	80	60	200	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 1969 -

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										110	120	110	µS/cm
pH										6,9	6,8	6,6	pH
Mats.Suspensión										4	2	8	mg/L
Dureza Total										66,0	60,0	54,0	mg/L CO3Ca
Dza.Perman.										32,0	30,0	< 0,1	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	No	No	No	No	No	No	No	No	No	15,0	15,0	16,0	mg/L Cl-
Sulfatos										11,0	< 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										34,0	30,0	54,0	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										14,0	15,0	13,0	mg/L Ca
Magnesio	mu	mu	mu	mu	mu	mu	mu	mu	mu	7,0	5,0	5,0	mg/L Mg
Sodio	es	es	es	es	es	es	es	es	es	3,0	6,0	4,0	mg/L Na
Potasio										----------	----------	----------	----------
Cromo	tr	tr	tr	tr	tr	tr	tr	tr	tr	----------	----------	----------	----------
Manganeso										----------	----------	----------	----------
Hierro	a	a	a	a	a	a	a	a	a	----------	----------	----------	----------
Cobre										----------	----------	----------	----------
Cinc										----------	----------	----------	----------
Arsénico										----------	----------	----------	----------
Cadmio										----------	----------	----------	----------
Mercurio										----------	----------	----------	----------
Plomo										----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto										----------	----------	----------	----------
Ox.Dto %										----------	----------	----------	----------
D.B.O. 5d										----------	----------	----------	----------
D.Q.O. 10min										1,2	1,2	1,0	mg/L O2
Nitritos										----------	----------	----------	----------
Fenoles										----------	----------	----------	----------
Detergentes										----------	----------	----------	----------
Amonio										----------	----------	----------	----------
Alcalinidad										----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales										10	200	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 1969 -

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	260	190	108	147	160	200	200	----------	310	300	260	140	µS/cm
pH	6,5	6,6	6,8	6,7	7,0	7,0	7,1	----------	7,7	7,6	7,3	6,9	pH
Mats.Suspensión	9	103	80	30	6	21	21	----------	49	18	2	10	mg/L
Dureza Total	136,0	74,0	68,0	66,0	62,0	64,0	68,0	----------	150,0	176,0	106,0	92,0	mg/L CO3Ca
Dza.Perman.	94,0	36,0	< 0,1	26,0	4,0	30,0	6,0	----------	78,0	72,0	36,0	84,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	55,0	31,0	15,0	18,0	21,0	20,0	22,0	----------	45,0	35,0	45,0	19,0	mg/L Cl-
Sulfatos	16,3	13,0	12,0	9,6	13,2	15,2	< 4,0	----------	27,4	21,0	18,0	10,0	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	42,0	38,0	68,0	40,0	58,0	34,0	62,0	----------	72,0	140,0	70,0	8,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	28,8	14,4	13,6	12,8	16,8	14,4	16,0	----------	33,6	36,0	25,0	23,0	mg/L Ca
Magnesio	15,5	9,2	8,3	8,2	4,8	6,8	6,8	----------	16,0	21,0	11,0	8,0	mg/L Mg
Sodio	20,5	13,0	9,0	8,0	21,0	7,0	6,0	----------	15,0	8,0	18,0	8,0	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	3,8	4,6	6,0	1,4	4,2	3,2	3,0	----------	4,8	3,6	2,0	1,8	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	14	20	24	0	0	16	100	----------	4	100	100	80	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: 19 **Subred:** 19 **Coordenadas X:** 387840

Río: RIO GUADIANA **Y:** 4315370

Situación: E.A. Luciana **Z:**

- Año 1969 -

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	800	690	230	1000	1170	2020	1950	----------	1180	1250	1300	710	µS/cm
pH	7,7	7,5	7,4	8,0	7,7	7,7	8,1	----------	8,2	8,1	7,8	7,8	pH
Mats.Suspensión	65	322	66	50	84	51	159	----------	74	82	1440	513	mg/L
Dureza Total	226,0	370,0	116,0	670,0	728,0	1230,0	1150,0	----------	920,0	1030,0	950,0	490,0	mg/L CO3Ca
Dza.Perman.	18,0	204,0	60,0	451,0	572,0	1094,0	968,0	----------	768,0	860,0	740,0	328,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	91,0	80,0	26,0	76,0	82,0	96,0	93,0	----------	94,0	94,0	108,0	64,0	mg/L Cl-
Sulfatos	199,2	142,4	34,6	200,8	384,0	736,0	500,0	----------	398,0	422,0	504,0	330,0	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	208,0	166,0	56,0	219,0	156,0	136,0	182,0	----------	152,0	170,0	210,0	162,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	51,6	82,4	21,6	168,0	157,6	304,0	304,0	----------	204,0	244,0	264,0	112,0	mg/L Ca
Magnesio	23,8	39,8	15,0	60,7	81,1	114,2	94,7	----------	99,6	102,0	70,0	51,0	mg/L Mg
Sodio	40,0	32,0	9,5	33,0	31,0	36,0	30,0	----------	29,0	24,0	46,0	31,0	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	6,8	5,6	3,4	7,0	7,6	8,4	----------	6,0	3,6	5,4	5,6	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	80	100	26	6	0	210	200	----------	28	0	6	180	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: 20 **Subred:** 20 **Coordenadas X:** 378188

Río: RIO TIRTEAFUERA **Y:** 4305446

Situación: E.A. Ctra. Saceruela-Abenojar **Z:**

- Año 1969 -

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	380	----------	230	260	420	520	600	----------	210	420	400	325	µS/cm
pH	6,8	----------	7,2	7,1	7,0	7,9	8,1	----------	7,2	7,5	7,6	7,3	pH
Mats.Suspensión	43	----------	44	58	22	38	19	----------	426	116	91	25	mg/L
Dureza Total	166,0	----------	108,0	130,0	170,0	190,0	266,0	----------	112,0	230,0	188,0	163,0	mg/L CO3Ca
Dza.Perman.	86,0	----------	24,0	42,0	48,0	54,0	58,0	----------	72,0	154,0	76,0	85,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	60,0	----------	28,0	30,0	46,0	45,0	47,0	----------	26,0	52,0	63,0	47,0	mg/L Cl-
Sulfatos	44,4	----------	36,4	41,6	58,8	56,8	60,4	----------	27,4	46,0	55,0	46,0	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	80,0	----------	84,0	88,0	122,0	136,0	208,0	----------	40,0	76,0	112,0	78,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	34,4	----------	21,6	31,2	40,8	43,6	67,2	----------	24,8	54,0	45,0	41,0	mg/L Ca
Magnesio	19,4	----------	13,1	12,6	16,5	19,9	23,8	----------	12,1	23,0	18,0	15,0	mg/L Mg
Sodio	21,5	----------	14,0	16,0	21,0	15,0	13,0	----------	11,0	11,0	47,0	16,0	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	2,5	----------	7,0	4,2	10,2	4,8	5,6	----------	14,0	6,4	4,6	4,4	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	28	----------	120	2	0	6	0	----------	20	0	100	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: 22 **Subred:** 22 **Coordenadas X:** 311213

Río: RIO GUADIANA **Y:** 4335062

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

- Año 1969 -

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	540	390	290	220	280	280	330	----------	320	350	345	380	µS/cm
pH	7,5	7,6	7,0	7,2	7,3	8,1	7,4	----------	7,6	7,7	7,5	6,7	pH
Mats.Suspensión	78	15	88	16	70	17	22	----------	46	25	35	50	mg/L
Dureza Total	312,0	240,0	124,0	100,0	112,0	124,0	130,0	----------	210,0	230,0	190,0	210,0	mg/L CO3Ca
Dza.Perman.	224,0	165,0	80,0	54,0	62,0	74,0	74,0	----------	142,0	170,0	110,0	100,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	58,0	37,0	24,0	18,0	27,0	22,0	25,0	----------	30,0	27,0	29,0	28,0	mg/L Cl-
Sulfatos	36,4	96,0	60,0	45,4	49,2	48,0	73,6	----------	86,8	100,0	102,0	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	88,0	75,0	44,0	46,0	50,0	50,0	56,0	----------	68,0	56,0	76,0	112,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	76,8	48,0	32,8	21,6	23,2	28,8	30,4	----------	48,8	55,0	41,0	49,0	mg/L Ca
Magnesio	29,2	29,1	10,2	11,1	13,1	12,6	13,1	----------	21,3	22,0	21,0	21,0	mg/L Mg
Sodio	23,0	14,0	9,5	6,0	6,0	6,0	6,0	----------	11,0	13,0	14,0	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	9,0	6,0	3,0	3,6	4,6	4,6	4,0	----------	3,4	5,4	3,0	3,2	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	6	0	30	0	300	100	0	----------	600	30	100	120	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 1969 -

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	460	450	500	430	450	410	430	----------	440	430	410	400	µS/cm
pH	7,4	7,7	7,5	7,2	7,7	8,1	7,4	----------	7,6	7,8	6,9	6,8	pH
Mats.Suspensión	84	77	73	32	113	34	61	----------	26	25	40	187	mg/L
Dureza Total	260,0	268,0	260,0	160,0	200,0	186,0	188,0	----------	300,0	272,0	220,0	218,0	mg/L CO3Ca
Dza.Perman.	178,0	189,0	192,0	86,0	140,0	130,0	120,0	----------	218,0	194,0	136,0	106,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	39,0	39,0	34,0	32,0	31,0	34,0	28,0	----------	36,0	32,0	33,0	33,0	mg/L Cl-
Sulfatos	36,4	146,4	148,0	113,6	56,8	101,6	98,0	----------	101,6	92,0	103,0	108,0	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	82,0	79,0	68,0	74,0	60,0	56,0	68,0	----------	82,0	78,0	84,0	112,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	56,7	53,6	60,8	34,4	43,2	39,2	41,6	----------	66,4	57,0	51,0	50,0	mg/L Ca
Magnesio	28,2	32,5	26,2	17,9	22,3	21,3	20,4	----------	32,5	32,0	22,0	22,0	mg/L Mg
Sodio	14,0	13,0	9,5	11,0	9,0	8,0	7,0	----------	14,0	15,0	15,0	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	2,4	10,0	5,0	5,2	8,0	3,2	5,8	----------	4,6	4,4	3,8	5,2	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	36	20	0	0	100	50	0	----------	700	100	50	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: 26 **Subred:** 26 **Coordenadas X:** 320285

Río: RIO ZUJAR **Y:** 4298421

Situación: Badén Capilla. Antigua Ctra. Capilla-Peñalsordo **Z:**

- Año 1969 -

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						330			440	380	310	200	µS/cm
pH						7,4			7,8	7,6	7,5	7,0	pH
Mats.Suspensión						20			10	93	25	131	mg/L
Dureza Total						120,0			118,0	252,0	180,0	182,0	mg/L CO3Ca
Dza.Perman.						38,0			108,2	152,0	64,0	68,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros						31,0			65,0	47,0	43,0	23,0	mg/L Cl-
Sulfatos						22,8			40,0	28,0	38,0	28,0	mg/L SO4=
Nitratos													
Carbonatos						< 0,1			< 0,1	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos						82,0			98,0	102,0	116,0	114,0	mg/L CO3Ca
Fosfatos													
Fluoruros													
Cianuros													
Sílice													
Calcio						27,2			260,0	57,0	42,0	42,0	mg/L Ca
Magnesio						12,6			128,7	27,0	18,0	19,0	mg/L Mg
Sodio						14,5			28,0	15,0	21,0	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			7,0	5,6	3,2	3,4	mg/L O2
Nitritos													
Fenoles													
Detergentes													
Amonio													
Alcalinidad													
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales						0			100	0	50	50	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 1969 -

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	230	190	190	89	130	130	150	----------	130	140	125	150	µS/cm
pH	7,4	7,2	7,2	7,0	7,0	7,5	7,3	----------	7,0	7,2	7,1	6,7	pH
Mats.Suspensión	60	953	7	86	47	9	40	----------	5	23	13	41	mg/L
Dureza Total	114,0	90,0	70,0	40,0	40,0	46,0	48,0	----------	78,0	76,0	62,0	62,0	mg/L CO3Ca
Dza.Perman.	46,0	32,0	26,0	6,0	6,0	16,0	6,0	----------	32,0	30,0	4,0	4,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	30,0	27,0	19,0	6,0	5,0	6,0	8,0	----------	10,0	10,0	10,0	13,0	mg/L Cl-
Sulfatos	17,0	9,0	5,4	10,6	21,2	19,0	< 4,0	----------	5,2	7,0	11,4	< 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	68,0	58,0	44,0	34,0	34,0	30,0	42,0	----------	46,0	46,0	58,0	58,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	18,4	18,4	14,4	7,2	8,8	11,2	12,0	----------	15,2	16,8	15,2	14,4	mg/L Ca
Magnesio	16,4	10,6	8,3	5,3	4,3	4,3	4,3	----------	9,7	8,2	5,8	6,3	mg/L Mg
Sodio	13,0	12,5	8,0	5,0	4,0	4,5	6,0	----------	5,0	5,0	8,0	7,0	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	3,4	4,4	8,4	6,4	6,8	5,4	6,2	----------	5,2	4,8	4,0	7,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	40	20	0	12	12	50	30	----------	200	80	200	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 1969 -

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	240	200	200	110	130	120	180	----------	180	130	120	130	µS/cm
pH	7,4	7,2	6,7	6,7	7,2	7,5	7,3	----------	7,6	7,1	7,3	6,8	pH
Mats.Suspensión	8	47	51	130	45	10	12	----------	53	3	23	92	mg/L
Dureza Total	96,0	96,0	76,0	48,0	50,0	50,0	66,0	----------	108,0	74,0	74,0	86,0	mg/L CO3Ca
Dza.Perman.	28,0	32,0	32,0	14,0	18,0	18,0	8,0	----------	26,0	54,0	10,0	< 0,1	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	33,0	26,0	21,0	7,0	5,0	2,0	11,0	----------	44,0	8,0	10,0	23,0	mg/L Cl-
Sulfatos	21,0	12,0	24,0	< 4,0	----------	----------	----------	----------	26,0	16,0	20,0	15,0	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	58,0	44,0	34,0	32,0	32,0	58,0	----------	82,0	20,0	64,0	86,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	18,0	18,0	14,0	10,0	13,0	13,0	14,0	----------	22,0	17,0	16,0	21,0	mg/L Ca
Magnesio	13,0	11,0	10,0	5,0	4,0	4,0	7,0	----------	13,0	8,0	8,0	8,0	mg/L Mg
Sodio	13,0	13,0	9,0	5,0	9,0	3,0	6,0	----------	10,0	7,0	7,0	13,0	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	12,0	6,0	6,2	6,2	3,6	4,6	----------	4,0	4,6	4,6	6,8	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	200	34	0	6	100	400	34	----------	800	50	200	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: 29 **Subred:** 29 **Coordenadas X:** 257560

Río: RIO GUADIANA **Y:** 4322689

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

- Año 1969 -

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	430	380	500	450	500	430	450	----------	420	450	270	380	µS/cm
pH	8,0	7,8	7,5	7,4	7,2	7,9	7,3	----------	7,3	7,5	7,1	7,5	pH
Mats.Suspensión	54	20	12	92	27	25	15	----------	64	30	26	125	mg/L
Dureza Total	184,0	220,0	270,0	240,0	216,0	202,0	190,0	----------	306,0	316,0	136,0	204,0	mg/L CO3Ca
Dza.Perman.	92,0	146,0	194,0	166,0	156,0	148,0	124,0	----------	242,0	254,0	72,0	76,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	40,0	35,0	37,0	36,0	31,0	30,0	31,0	----------	36,0	34,0	21,0	31,0	mg/L Cl-
Sulfatos	52,0	98,0	132,8	109,6	113,6	105,2	92,0	----------	94,0	100,0	47,0	104,0	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	92,0	74,0	76,0	74,0	60,0	54,0	66,0	----------	64,0	64,0	64,0	128,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	48,0	42,4	61,6	56,0	48,8	48,8	45,6	----------	67,2	66,0	39,0	48,0	mg/L Ca
Magnesio	15,5	27,7	28,2	24,3	22,8	19,4	18,4	----------	33,5	36,0	9,0	20,0	mg/L Mg
Sodio	19,0	15,0	13,0	13,0	11,0	9,0	9,0	----------	14,0	17,0	11,0	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	3,8	4,6	2,6	3,4	4,4	2,6	4,0	----------	3,8	4,0	4,4	3,8	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	40	20	0	0	24	100	34	----------	500	70	300	100	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: 30 **Subred:** 30 **Coordenadas X:** 295176

Río: RIO RUECAS **Y:** 4361612

Situación: E.A. Cañamero **Z:**

- Año 1969 -

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	44	28	28	59	26	30	36	----------	34	34	29	27	µS/cm
pH	6,7	6,5	6,5	6,5	6,5	7,0	6,5	----------	6,5	6,6	6,1	6,3	pH
Mats.Suspensión	1778	70	15	128	2	4	4	----------	32	2	4	22	mg/L
Dureza Total	14,0	14,0	10,0	10,0	11,0	7,0	10,0	----------	20,0	16,0	18,0	9,0	mg/L CO3Ca
Dza.Perman.	1,0	2,0	< 0,1	< 0,1	1,0	1,0	9,0	----------	8,0	2,0	2,0	< 0,1	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	30,0	2,0	< 2,0	< 2,0	< 2,0	< 2,0	< 2,0	----------	< 2,0	< 2,0	2,0	< 2,0	mg/L Cl-
Sulfatos	< 4,0	< 4,0	< 4,0	< 4,0	< 4,0	< 4,0	< 4,0	----------	< 4,0	< 4,0	< 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	13,0	12,0	10,0	10,0	10,0	6,0	1,0	----------	12,0	14,0	16,0	9,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	4,8	3,2	2,0	2,0	2,4	1,6	2,4	----------	4,8	4,0	4,0	2,0	mg/L Ca
Magnesio	0,5	1,4	1,2	1,2	1,2	0,7	0,9	----------	1,9	1,0	2,0	1,0	mg/L Mg
Sodio	4,0	3,0	2,0	2,0	2,0	2,0	2,0	----------	3,0	3,0	3,0	3,0	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	2,4	6,8	1,0	1,0	2,4	2,4	4,0	----------	2,2	1,0	1,0	1,6	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	44	50	0	14	0	8	0	----------	0	0	100	120	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 1969 -

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	250	200	250	400	570	200	----------	475	250	490	300	µS/cm
pH	7,0	7,1	6,7	7,2	7,2	7,8	7,3	----------	7,3	7,5	7,4	6,9	pH
Mats.Suspensión	25	35	48	106	13	40	38	----------	58	48	52	199	mg/L
Dureza Total	108,0	110,0	78,0	110,0	160,0	242,0	138,0	----------	300,0	324,0	242,0	188,0	mg/L CO3Ca
Dza.Perman.	70,0	68,0	42,0	62,0	110,0	188,0	174,0	----------	222,0	242,0	148,0	140,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	41,0	34,0	25,0	24,0	28,0	17,0	46,0	----------	47,0	48,0	51,0	34,0	mg/L Cl-
Sulfatos	48,0	50,0	31,0	62,0	97,0	170,0	102,0	----------	148,0	122,0	94,0	51,0	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	38,0	42,0	36,0	48,0	50,0	54,0	64,0	----------	78,0	82,0	94,0	48,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	21,0	24,0	14,0	26,0	42,0	58,0	57,0	----------	65,0	74,0	61,0	42,0	mg/L Ca
Magnesio	12,0	12,0	10,0	11,0	14,0	23,0	23,0	----------	33,0	33,0	22,0	20,0	mg/L Mg
Sodio	15,0	15,0	11,0	11,0	10,0	16,0	16,0	----------	17,0	24,0	23,0	14,0	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	7,4	3,4	3,4	3,2	5,6	4,4	5,8	----------	5,4	3,8	4,0	3,6	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	50	200	4	12	24	50	36	----------	0	80	200	80	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 1969 -

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	540	350	280	440	750	840	480	----------	1150	1250	1150	480	µS/cm
pH	7,6	7,4	7,3	7,8	8,1	8,2	7,5	----------	7,7	7,8	7,6	6,9	pH
Mats.Suspensión	329	48	27	93	90	35	98	----------	173	152	172	146	mg/L
Dureza Total	176,0	136,0	104,0	154,0	220,0	246,0	146,0	----------	460,0	402,0	402,0	178,0	mg/L CO3Ca
Dza.Perman.	42,0	30,0	16,0	< 0,1	32,0	50,0	10,0	----------	70,0	26,0	32,0	20,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	99,0	59,0	38,0	62,0	104,0	87,0	53,0	----------	204,0	165,0	161,0	71,0	mg/L Cl-
Sulfatos	34,0	13,0	12,4	28,8	50,2	45,6	10,8	----------	64,0	38,0	28,8	34,0	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	134,0	106,0	88,0	154,0	188,0	196,0	136,0	----------	390,0	376,0	370,0	158,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	34,4	28,0	28,0	34,4	54,4	58,4	31,2	----------	112,2	82,4	74,4	37,6	mg/L Ca
Magnesio	21,8	16,0	8,6	16,5	20,4	24,3	16,5	----------	43,2	47,6	52,4	20,4	mg/L Mg
Sodio	53,0	38,0	24,0	35,0	52,0	60,0	24,0	----------	133,0	15,0	150,0	43,0	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	7,4	5,6	9,0	6,4	7,4	7,6	10,6	----------	60,0	30,0	30,0	16,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	0	300	60	6	10	100	80	----------	5000	300	1000	300	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: 33 **Subred:** 33 **Coordenadas X:** 240533

Río: RIO GUADAMEZ **Y:** 4309750

Situación: Desembocadura. Cruce Ctra. C-423 **Z:**

- Año 1969 -

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	770	420	340	450	680	670	780	----------	700	560	600	500	µS/cm
pH	7,8	7,8	7,6	7,7	8,0	8,2	8,1	----------	8,1	7,7	7,8	7,9	pH
Mats.Suspensión	166	20	58	81	54	146	69	----------	259	72	39	41	mg/L
Dureza Total	310,0	200,0	146,0	202,0	272,0	284,0	274,0	----------	396,0	260,0	290,0	246,0	mg/L CO3Ca
Dza.Perman.	172,0	100,0	58,0	82,0	124,0	144,0	134,0	----------	216,0	126,0	120,0	68,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	145,0	75,0	41,0	56,0	79,0	39,0	88,0	----------	112,0	60,0	93,0	69,0	mg/L Cl-
Sulfatos	88,8	60,0	34,0	68,0	54,8	76,0	90,8	----------	68,0	56,0	83,0	51,0	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	138,0	100,0	88,0	120,0	148,0	140,0	140,0	----------	180,0	134,0	170,0	178,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	68,0	40,8	32,8	44,0	58,4	65,6	64,8	----------	82,4	57,0	66,0	58,0	mg/L Ca
Magnesio	34,0	23,8	15,5	22,3	30,6	29,1	27,2	----------	46,1	27,0	30,0	25,0	mg/L Mg
Sodio	60,0	38,0	24,0	23,0	32,5	31,0	27,0	----------	47,0	26,0	30,0	28,0	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	3,4	3,0	3,0	3,6	4,0	2,2	3,8	----------	3,6	3,2	2,2	2,4	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	12	10	0	0	0	50	10	----------	0	200	250	50	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: 34 **Subred:** 34 **Coordenadas X:** 234544

Río: RIO BURDALO **Y:** 4320915

Situación: Desembocadura. Cruce N-430 **Z:**

- Año 1969 -

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	120	150	140	160	220	400	500	----------	375	450	380	210	µS/cm
pH	7,0	7,4	7,1	7,2	7,9	8,2	8,0	----------	7,4	7,6	7,5	7,1	pH
Mats.Suspensión	479	14	10	35	53	25	36	----------	240	75	30	31	mg/L
Dureza Total	100,0	70,0	38,0	58,0	64,0	154,0	204,0	----------	220,0	190,0	176,0	88,0	mg/L CO3Ca
Dza.Perman.	70,0	26,0	< 0,1	< 0,1	< 0,1	84,0	130,0	----------	150,0	116,0	86,0	20,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	17,0	28,0	15,0	17,0	20,0	27,0	41,0	----------	38,0	45,0	51,0	30,0	mg/L Cl-
Sulfatos	6,0	< 4,0	< 4,0	16,4	12,4	77,6	48,4	----------	90,4	100,0	57,0	48,0	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	30,0	44,0	38,0	58,0	64,0	70,0	74,0	----------	70,0	74,0	90,0	68,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	20,0	13,6	9,6	14,4	14,4	32,8	50,4	----------	51,2	38,0	41,0	19,0	mg/L Ca
Magnesio	12,2	8,7	3,4	5,3	6,8	17,4	18,1	----------	22,3	23,0	18,0	10,0	mg/L Mg
Sodio	10,0	18,0	10,0	11,0	12,5	17,0	14,0	----------	21,5	23,0	26,0	17,0	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	8,4	3,4	6,8	6,0	8,0	3,2	6,0	----------	2,8	3,2	2,6	5,8	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	60	20	0	8	0	20	40	----------	50	100	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: 35 **Subred:** 35 **Coordenadas X:** 216131

Río: RIO MATACHEL **Y:** 4298261

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

- Año 1969 -

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	320	410	360	500	650	650	650	----------	770	520	610	500	µS/cm
pH	7,8	8,0	7,8	8,3	8,2	7,9	8,3	----------	8,2	7,8	7,6	7,9	pH
Mats.Suspensión	512	66	173	92	79	60	110	----------	115	86	140	16	mg/L
Dureza Total	214,0	314,0	168,0	226,0	258,0	260,0	214,0	----------	420,0	420,0	210,0	280,0	mg/L CO3Ca
Dza.Perman.	68,0	146,0	22,0	28,0	38,0	50,0	8,0	----------	168,0	170,0	40,0	10,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	75,0	52,0	33,0	47,0	60,0	70,0	54,0	----------	105,0	46,0	76,0	56,0	mg/L Cl-
Sulfatos	12,0	< 4,0	5,4	132,0	56,8	62,4	45,6	----------	52,8	46,0	29,0	30,0	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	146,0	168,0	146,0	198,0	220,0	210,0	206,0	----------	252,0	178,0	272,0	216,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	46,4	62,4	41,6	53,6	60,0	60,8	52,0	----------	90,4	49,0	61,0	58,0	mg/L Ca
Magnesio	23,8	38,4	15,6	22,3	26,2	26,2	20,4	----------	47,1	23,0	31,0	30,0	mg/L Mg
Sodio	41,0	30,0	22,0	31,0	35,0	41,0	31,0	----------	63,0	33,0	52,0	32,0	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	5,0	3,0	3,6	2,4	4,4	2,2	5,0	----------	7,6	5,2	5,0	4,2	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	6	160	0	2	100	100	60	----------	500	0	250	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: 36 **Subred:** 36 **Coordenadas X:** 209395

Río: RIO GUADIANA **Y:** 4312237

Situación: Puente Romano de Mérida, margen izquierda **Z:**

- Año 1969 -

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	360	440	290	340	380	350	530	----------	460	350	300	270	µS/cm
pH	7,2	7,4	7,2	7,4	7,4	8,2	7,8	----------	7,5	7,4	7,2	7,0	pH
Mats.Suspensión	492	76	37	37	23	15	17	----------	53	26	71	141	mg/L
Dureza Total	154,0	176,0	65,0	170,0	156,0	146,0	204,0	----------	308,0	162,0	156,0	132,0	mg/L CO3Ca
Dza.Perman.	82,0	94,0	1,0	86,0	88,0	86,0	128,0	----------	214,0	94,0	76,0	64,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	41,0	40,0	28,0	31,0	26,0	28,0	38,0	----------	43,0	28,0	26,0	26,0	mg/L Cl-
Sulfatos	68,0	55,2	36,8	58,8	48,2	69,6	104,0	----------	124,8	117,0	52,0	46,0	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	72,0	82,0	64,0	84,0	68,0	60,0	76,0	----------	94,0	68,0	80,0	68,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	29,6	34,4	16,8	36,0	32,8	34,4	50,5	----------	76,0	34,0	37,0	30,0	mg/L Ca
Magnesio	19,4	21,8	5,6	19,4	17,9	14,5	18,1	----------	28,6	18,0	15,0	14,0	mg/L Mg
Sodio	20,0	21,5	14,0	14,0	10,0	10,0	11,5	----------	17,0	16,0	16,0	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	8,4	3,2	4,2	4,0	5,0	3,6	3,6	----------	4,2	3,4	2,4	5,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	40	80	0	200	20	0	100	----------	40	80	200	80	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: 37 **Subred:** 37 **Coordenadas X:** 202899

Río: RIO GUADIANA **Y:** 4313893

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

- Año 1969 -

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										360	295	290	µS/cm
pH										7,3	7,3	6,9	pH
Mats.Suspensión										30	29	38	mg/L
Dureza Total										174,0	152,0	136,0	mg/L CO3Ca
Dza.Perman.										104,0	74,0	68,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	No	No	No	No	No	No	No	No	No	29,0	26,0	27,0	mg/L Cl-
Sulfatos										114,0	47,0	42,0	mg/L SO4=
Nitratos										----------	----------	----------	----------
Carbonatos	se	se	se	se	se	se	se	se	se	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos										70,0	78,0	68,0	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										35,0	33,0	32,0	mg/L Ca
Magnesio	mu	mu	mu	mu	mu	mu	mu	mu	mu	21,0	17,0	14,0	mg/L Mg
Sodio	es	es	es	es	es	es	es	es	es	16,0	14,0	12,0	mg/L Na
Potasio										----------	----------	----------	----------
Cromo	tr	tr	tr	tr	tr	tr	tr	tr	tr	----------	----------	----------	----------
Manganeso										----------	----------	----------	----------
Hierro	ra	ra	ra	ra	ra	ra	ra	ra	ra	----------	----------	----------	----------
Cobre										----------	----------	----------	----------
Cinc										----------	----------	----------	----------
Arsénico										----------	----------	----------	----------
Cadmio										----------	----------	----------	----------
Mercurio										----------	----------	----------	----------
Plomo										----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto										----------	----------	----------	----------
Ox.Dto %										----------	----------	----------	----------
D.B.O. 5d										----------	----------	----------	----------
D.Q.O. 10min										3,0	2,0	4,0	mg/L O2
Nitritos										----------	----------	----------	----------
Fenoles										----------	----------	----------	----------
Detergentes										----------	----------	----------	----------
Amonio										----------	----------	----------	----------
Alcalinidad										----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales										100	200	100	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: 38 **Subred:** 38 **Coordenadas X:** 179774

Río: RIO GUADAJIRA **Y:** 4306846

Situación: Desembocadura. Pte. antigua Ctra. N-V **Z:**

- Año 1969 -

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	570	560	670	1000	1100	1400	----------	1130	1100	1000	750	µS/cm
pH	7,4	7,9	7,9	8,0	8,2	8,1	8,3	----------	8,2	7,8	7,4	7,6	pH
Mats.Suspensión	17747	111	155	106	53	190	198	----------	56	252	641	81	mg/L
Dureza Total	108,0	290,0	250,0	282,0	334,0	318,0	344,0	----------	450,0	354,0	356,0	334,0	mg/L CO3Ca
Dza.Perman.	< 0,1	50,0	24,0	36,0	62,0	64,0	46,0	----------	186,0	82,0	14,0	26,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	31,0	88,0	66,0	94,0	144,0	209,0	238,0	----------	250,0	202,0	188,0	117,0	mg/L Cl-
Sulfatos	34,0	26,0	< 4,0	9,6	57,6	64,0	49,6	----------	56,8	56,0	< 4,0	17,0	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	108,0	240,0	226,0	46,0	272,0	254,0	298,0	----------	264,0	272,0	342,0	308,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	20,0	58,4	58,4	60,0	73,6	65,6	72,8	----------	93,6	73,0	65,0	63,0	mg/L Ca
Magnesio	14,1	34,9	25,3	32,0	36,4	37,4	39,3	----------	52,4	42,0	44,0	43,0	mg/L Mg
Sodio	16,0	52,0	41,0	55,0	71,0	98,0	95,0	----------	155,0	140,0	150,0	70,0	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	8,4	2,0	2,4	2,4	4,0	4,0	6,0	----------	6,0	5,0	23,0	19,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	2	200	0	240	20	0	20	----------	0	30	2000	350	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: 39 **Subred:** 39 **Coordenadas X:** 172373

Río: RIO ALBUERA-NOGALES **Y:** 4310241

Situación: E.A. Talavera la Real **Z:**

- Año 1969 -

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										670	590	550	µS/cm
pH										7,9	7,9	7,9	pH
Mats.Suspensión										63	46	35	mg/L
Dureza Total										306,0	310,0	300,0	mg/L CO3Ca
Dza.Perman.										96,0	30,0	56,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	No	No	No	No	No	No	No	No	No	74,0	72,0	67,0	mg/L Cl-
Sulfatos										121,0	117,0	106,0	mg/L SO4=
Nitratos										----------	----------	----------	----------
Carbonatos	se	se	se	se	se	se	se	se	se	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos										210,0	280,0	244,0	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										66,0	62,0	61,0	mg/L Ca
Magnesio	mu	mu	mu	mu	mu	mu	mu	mu	mu	34,0	37,0	34,0	mg/L Mg
Sodio	es	es	es	es	es	es	es	es	es	45,0	30,0	34,0	mg/L Na
Potasio										----------	----------	----------	----------
Cromo	tr	tr	tr	tr	tr	tr	tr	tr	tr	----------	----------	----------	----------
Manganeso										----------	----------	----------	----------
Hierro	ra	ra	ra	ra	ra	ra	ra	ra	ra	----------	----------	----------	----------
Cobre										----------	----------	----------	----------
Cinc										----------	----------	----------	----------
Arsénico										----------	----------	----------	----------
Cadmio										----------	----------	----------	----------
Mercurio										----------	----------	----------	----------
Plomo										----------	----------	----------	----------
CARACTERISTICAS QUIMICO-BIOLOGICAS													
Ox.Dto										----------	----------	----------	----------
Ox.Dto %										----------	----------	----------	----------
D.B.O. 5d										----------	----------	----------	----------
D.Q.O. 10min										2,6	2,8	2,8	mg/L O2
Nitritos										----------	----------	----------	----------
Fenoles										----------	----------	----------	----------
Detergentes										----------	----------	----------	----------
Amonio										----------	----------	----------	----------
Alcalinidad										----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales										10	20	50	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 1969 -

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	120	250	250	330	560	504	700	----------	500	440	450	390	µS/cm
pH	6,9	7,5	7,1	6,6	7,9	7,7	7,5	----------	7,6	7,4	7,4	7,4	pH
Mats.Suspensión	1206	297	24	58	112	206	102	----------	41	31	26	42	mg/L
Dureza Total	50,0	126,0	112,0	164,0	220,0	250,0	260,0	----------	320,0	214,0	242,0	194,0	mg/L CO3Ca
Dza.Perman.	10,0	34,0	< 0,1	118,0	82,0	148,0	148,0	----------	226,0	130,0	122,0	74,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	15,0	32,0	24,0	37,0	45,0	49,0	53,0	----------	49,0	44,0	44,0	42,0	mg/L Cl-
Sulfatos	21,0	41,0	12,0	25,4	81,2	42,4	47,6	----------	100,0	84,8	80,4	43,6	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	40,0	92,0	112,0	46,0	138,0	102,0	112,0	----------	94,0	84,0	120,0	120,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	12,0	25,6	29,6	35,2	52,0	59,2	56,8	----------	70,4	50,4	50,4	42,4	mg/L Ca
Magnesio	4,8	15,0	9,2	18,4	21,8	24,7	28,6	----------	34,9	21,3	28,1	21,3	mg/L Mg
Sodio	7,0	17,0	12,0	14,5	20,0	20,0	17,0	----------	22,0	20,0	23,0	20,0	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	7,4	6,4	4,6	5,0	5,0	3,0	4,6	----------	4,8	3,8	3,2	4,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	20	40	6	0	100	50	44	----------	0	50	200	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: 41 **Subred:** 41 **Coordenadas X:** 156699

Río: RIO GEVORA **Y:** 4315093

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

- Año 1969 -

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	250	200	250	400	570	200	----------	475	250	490	300	µS/cm
pH	7,0	7,1	6,7	7,2	7,2	7,8	7,3	----------	7,3	7,5	7,5	6,5	pH
Mats.Suspensión	25	35	48	106	13	40	38	----------	52	48	52	199	mg/L
Dureza Total	108,0	110,0	78,0	110,0	160,0	242,0	238,0	----------	300,0	324,0	242,0	188,0	mg/L CO3Ca
Dza.Perman.	70,0	68,0	42,0	62,0	110,0	188,0	174,0	----------	222,0	242,0	148,0	140,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	41,0	34,0	25,0	24,0	28,0	17,0	46,0	----------	47,0	48,0	51,0	34,0	mg/L Cl-
Sulfatos	48,0	50,0	31,0	62,0	97,0	170,0	102,0	----------	148,0	122,0	94,0	51,0	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	38,0	42,0	36,0	48,0	50,0	54,0	64,0	----------	78,0	82,0	94,0	48,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	21,0	24,0	14,0	26,0	42,0	58,0	57,0	----------	65,0	74,0	61,0	41,0	mg/L Ca
Magnesio	12,0	12,0	10,0	11,0	14,0	23,0	23,0	----------	33,0	33,0	22,0	20,0	mg/L Mg
Sodio	15,0	15,0	11,0	11,0	10,0	16,0	16,0	----------	17,0	24,0	23,0	14,0	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	7,4	3,4	3,4	3,2	5,6	4,4	5,8	----------	5,4	3,8	4,0	3,6	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	50	200	4	12	24	50	36	----------	0	80	200	80	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: 42 **Subred:** 42 **Coordenadas X:** 154894

Río: RIO GUADIANA **Y:** 4311352

Situación: Badajoz-E.A. Puente de Palmas **Z:**

- Año 1969 -

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	330	350	300	380	450	430	600	----------	480	400	310	310	µS/cm
pH	7,3	8,2	7,7	7,7	7,9	7,9	7,3	----------	7,7	7,6	7,3	7,2	pH
Mats.Suspensión	2405	364	32	68	50	185	106	----------	134	30	18	29	mg/L
Dureza Total	146,0	156,0	63,0	188,0	180,0	190,0	224,0	----------	310,0	192,0	176,0	162,0	mg/L CO3Ca
Dza.Perman.	62,0	76,0	1,0	90,0	96,0	114,0	134,0	----------	210,0	112,0	78,0	34,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	37,0	47,0	32,0	38,0	35,0	38,0	49,0	----------	48,0	34,0	31,0	33,0	mg/L Cl-
Sulfatos	34,8	68,8	18,0	53,0	56,6	56,2	56,4	----------	98,4	58,0	55,0	48,0	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	84,0	80,0	62,0	98,0	84,0	76,0	90,0	----------	100,0	80,0	98,0	128,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	35,2	27,2	16,8	44,0	41,6	43,2	49,6	----------	66,4	52,0	41,0	38,0	mg/L Ca
Magnesio	14,1	21,3	5,1	18,9	18,4	19,9	24,3	----------	35,0	21,0	18,0	16,0	mg/L Mg
Sodio	18,0	14,5	17,0	16,0	14,0	14,0	14,5	----------	26,0	19,0	18,0	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	6,4	3,4	5,2	4,2	4,2	3,8	4,8	----------	4,2	3,0	3,0	5,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	12	300	100	60	0	100	0	----------	200	0	150	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: 43 **Subred:** 42-B **Coordenadas X:** 145461

Río: RIO GUADIANA **Y:** 4305990

Situación: E.A. Benavides **Z:**

- Año 1969 -

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	330	270	380	450	430	620	----------	480	370	360	350	µS/cm
pH	7,3	8,2	7,5	7,6	7,4	8,0	7,4	----------	7,6	7,4	7,2	7,2	pH
Mats.Suspensión	2379	456	23	69	52	192	121	----------	137	40	33	64	mg/L
Dureza Total	120,0	158,0	112,0	180,0	180,0	186,0	225,0	----------	314,0	180,0	190,0	174,0	mg/L CO3Ca
Dza.Perman.	44,0	70,0	28,0	86,0	96,0	110,0	127,0	----------	218,0	108,0	86,0	84,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	32,0	41,0	27,0	37,0	34,0	38,0	52,0	----------	48,0	33,0	36,0	51,0	mg/L Cl-
Sulfatos	30,0	68,8	12,0	52,0	51,8	56,2	56,8	----------	95,2	70,0	71,6	60,4	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	88,0	84,0	94,0	84,0	76,0	98,0	----------	96,0	72,0	104,0	90,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	26,4	28,8	31,2	45,6	40,8	41,4	48,8	----------	67,2	40,8	43,2	40,8	mg/L Ca
Magnesio	13,1	20,8	8,3	16,0	18,9	19,9	24,3	----------	35,4	18,9	19,9	17,4	mg/L Mg
Sodio	17,0	23,0	14,0	16,0	14,0	14,0	14,0	----------	19,0	18,0	18,5	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	6,6	1,8	3,8	3,8	4,0	3,0	7,2	----------	4,4	5,8	3,0	4,4	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	24	300	20	60	2	300	500	----------	150	0	200	200	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: 44 **Subred:** 43 **Coordenadas X:** 170862

Río: RIO MURTIGAS **Y:** 4211334

Situación: E.A. La Nava **Z:**

- Año 1969 -

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	190	240	320	350	370	520	----------	----------	420	350	370	µS/cm
pH	8,0	7,3	7,1	6,8	6,6	8,3	7,8	----------	----------	7,6	7,4	7,6	pH
Mats.Suspensión	82	1036	12	82	43	202	125	----------	----------	156	82	76	mg/L
Dureza Total	206,0	120,0	138,0	194,0	214,0	242,0	238,0	----------	----------	226,0	216,0	228,0	mg/L CO3Ca
Dza.Perman.	46,0	34,0	22,0	44,0	82,0	88,0	62,0	----------	----------	24,0	50,0	34,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	26,0	14,0	11,0	13,0	14,0	14,0	29,0	----------	----------	20,0	17,0	17,0	mg/L Cl-
Sulfatos	13,0	10,0	11,0	< 4,0	27,0	18,0	50,0	----------	----------	54,0	7,0	52,0	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	160,0	86,0	116,0	150,0	132,0	154,0	176,0	----------	----------	202,0	166,0	194,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	42,0	28,0	27,0	39,0	50,0	58,0	42,0	----------	----------	42,0	44,0	43,0	mg/L Ca
Magnesio	25,0	12,0	17,0	23,0	22,0	24,0	32,0	----------	----------	29,0	26,0	29,0	mg/L Mg
Sodio	15,0	11,0	13,0	17,0	6,0	5,0	12,0	----------	----------	7,0	6,0	7,0	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	2,0	3,2	2,8	2,2	3,0	1,0	2,4	----------	----------	1,4	1,6	1,8	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	0	20	400	0	0	0	0	----------	----------	8	10	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: 45 **Subred:** 44 **Coordenadas X:** 168883

Río: RIO CALIENTE **Y:** 4208888

Situación: E.A. La Nava **Z:**

- Año 1969 -

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	130	120	260	280	340	420	----------	----------	350	320	330	µS/cm
pH	7,1	6,9	6,7	7,6	7,6	8,1	7,8	----------	----------	7,7	7,8	7,7	pH
Mats.Suspensión	69	743	23	66	50	20	28	----------	----------	252	20	16	mg/L
Dureza Total	110,0	54,0	60,0	146,0	152,0	170,0	198,0	----------	----------	196,0	170,0	180,0	mg/L CO3Ca
Dza.Perman.	20,0	2,0	12,0	18,0	26,0	18,0	66,0	----------	----------	42,0	24,0	22,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	18,0	12,0	18,0	16,0	17,0	27,0	28,0	----------	----------	28,0	26,0	26,0	mg/L Cl-
Sulfatos	< 4,0	< 4,0	5,0	21,0	13,2	25,4	21,6	----------	----------	24,0	12,0	22,0	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	90,0	52,0	48,0	128,0	126,0	152,0	132,0	----------	----------	154,0	146,0	158,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	21,6	11,2	11,2	30,4	32,0	42,4	32,8	----------	----------	28,0	34,0	34,0	mg/L Ca
Magnesio	13,6	6,3	7,7	17,0	17,4	15,5	28,1	----------	----------	27,0	18,0	23,0	mg/L Mg
Sodio	12,0	10,5	6,0	8,0	8,0	8,0	9,0	----------	----------	9,0	8,0	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	1,6	5,2	4,2	1,6	2,4	1,8	2,8	----------	----------	2,0	2,0	3,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	80	120	200	20	0	10	20	----------	----------	200	200	120	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 1969 -

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	140	230	400	340	370	480	----------	----------	360	360	400	µS/cm
pH	7,8	6,9	7,4	7,8	8,2	8,3	7,5	----------	----------	7,9	8,1	7,3	pH
Mats.Suspensión	82	2160	11	144	52	34	27	----------	----------	148	15	20	mg/L
Dureza Total	130,0	60,0	110,0	170,0	178,0	170,0	190,0	----------	----------	178,0	192,0	198,0	mg/L CO3Ca
Dza.Perman.	6,0	4,0	10,0	24,0	20,0	14,0	30,0	----------	----------	168,0	46,0	8,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	22,0	12,0	19,0	61,0	25,0	31,0	32,0	----------	----------	34,0	34,0	30,0	mg/L Cl-
Sulfatos	< 4,0	< 4,0	5,0	6,0	9,6	28,4	16,0	----------	----------	21,0	5,0	24,0	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	124,0	56,0	230,0	146,0	158,0	156,0	160,0	----------	----------	168,0	146,0	190,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	26,0	12,0	21,0	38,0	38,0	41,0	32,0	----------	----------	34,0	43,0	34,0	mg/L Ca
Magnesio	15,0	7,0	14,0	18,0	20,0	16,0	27,0	----------	----------	23,0	20,0	27,0	mg/L Mg
Sodio	13,0	10,0	14,0	25,0	12,0	10,0	14,0	----------	----------	11,0	11,0	16,0	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	2,4	5,0	3,2	3,0	3,0	1,8	4,1	----------	----------	2,6	2,4	6,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	14	12	200	12	25	12	40	----------	----------	50	300	300	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: 47 **Subred:** 46 **Coordenadas X:** 123754

Río: RIO COBICA **Y:** 4174744

Situación: Pte. Ctra. Puebla de Guzmán-Paymogo **Z:**

- Año 1969 -

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	1260	160	570	1500	2150	2340	----------	----------	----------	710	860	1280	µS/cm
pH	3,3	3,8	2,9	2,7	2,5	2,5	----------	----------	----------	2,9	3,0	2,8	pH
Mats.Suspensión	159	2487	90	120	1133	347	----------	----------	----------	65	514	134	mg/L
Dureza Total	70,0	260,0	48,0	150,0	300,0	280,0	----------	----------	----------	96,0	98,0	170,0	mg/L CO3Ca
Dza.Perman.	70,0	260,0	48,0	150,0	300,0	280,0	----------	----------	----------	96,0	98,0	170,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	26,0	13,0	17,0	51,0	60,0	66,0	----------	----------	----------	38,0	37,0	48,0	mg/L Cl-
Sulfatos	332,0	34,0	77,2	312,0	470,0	720,0	----------	----------	----------	180,0	174,0	210,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 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	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	11,2	56,0	10,4	36,0	68,0	64,0	----------	----------	----------	19,0	19,0	35,0	mg/L Ca
Magnesio	10,2	29,1	5,3	14,5	31,5	29,1	----------	----------	----------	12,0	12,0	20,0	mg/L Mg
Sodio	17,0	8,5	10,1	26,0	30,0	41,0	----------	----------	----------	12,0	41,0	21,0	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	4,0	5,0	4,0	3,6	3,6	----------	----------	----------	2,8	8,0	8,4	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	0	16	2	3	0	0	----------	----------	----------	40	10	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: 49 **Subred:** 50 **Coordenadas X:** 104756

Río: RIO GUADIANA **Y:** 4156749

Situación: Sanlucar de Guadiana. Puerto Fluvial **Z:**

- Año 1969 -

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						430	630			390	220	310	µS/cm
pH						7,4				7,5	7,2	7,3	pH
Mats.Suspensión						188				278	410	15	mg/L
Dureza Total						180,0	323,0			196,0	108,0	110,0	mg/L CO3Ca
Dza.Perman.						90,0	134,0			118,0	28,0	22,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros						41,0	50,0			41,0	26,0	29,0	mg/L Cl-
Sulfatos						56,8	56,8			52,0	25,0	29,0	mg/L SO4=
Nitratos													
Carbonatos						< 0,1	< 0,1			< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Bicarbonatos						90,0	98,0			78,0	80,0	88,0	mg/L CO3Ca
Fosfatos													
Fluoruros													
Cianuros													
Sílice													
Calcio						41,6	40,8			41,0	23,0	20,0	mg/L Ca
Magnesio						18,4	31,5			23,0	12,0	14,0	mg/L Mg
Sodio						12,0				12,0	9,0	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						3,4				4,0	6,0	6,0	mg/L O2
Nitritos													
Fenoles													
Detergentes													
Amonio													
Alcalinidad													
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales						40				0	0	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: 50 **Subred:** 51 **Coordenadas X:** 122435

Río: RIO PIEDRAS **Y:** 4144407

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

- Año 1969 -

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	120	110	120	300	130	160	----------	----------	140	130	130	µS/cm
pH	6,9	6,5	6,8	6,4	6,3	6,3	6,7	----------	----------	6,7	7,3	6,9	pH
Mats.Suspensión	400	240	20	54	84	17	11	----------	----------	33	22	34	mg/L
Dureza Total	38,0	46,0	40,0	40,0	42,0	46,0	90,0	----------	----------	54,0	54,0	58,0	mg/L CO3Ca
Dza.Perman.	12,0	14,0	12,0	16,0	18,0	30,0	48,0	----------	----------	4,0	2,0	24,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	18,0	16,0	17,0	15,0	17,0	17,0	17,0	----------	----------	38,0	18,0	16,0	mg/L Cl-
Sulfatos	< 4,0	< 4,0	5,6	8,0	11,4	< 4,0	< 4,0	----------	----------	12,0	< 4,0	13,0	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	26,0	32,0	28,0	24,0	24,0	16,0	42,0	----------	----------	50,0	52,0	34,0	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	7,2	10,4	9,6	9,6	8,0	8,0	16,8	----------	----------	14,4	14,4	11,2	mg/L Ca
Magnesio	4,9	4,8	3,8	3,8	5,3	6,3	11,6	----------	----------	4,3	4,3	7,2	mg/L Mg
Sodio	10,0	10,0	9,0	7,0	7,5	6,0	8,5	----------	----------	6,0	6,0	10,0	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	3,7	6,2	5,4	6,2	4,0	4,0	3,2	----------	----------	3,8	3,4	3,4	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	400	4	20	2	200	34	50	----------	----------	20	30	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: 51 **Subred:** 52 **Coordenadas X:** 173245

Río: RIO ODIEL **Y:** 4182074

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

- Año 1969 -

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	330	770	155	460	573	940	2600	----------	----------	1300	690	1300	µS/cm
pH	4,7	3,9	4,8	4,5	3,6	3,4	3,2	----------	----------	3,0	3,3	3,0	pH
Mats.Suspensión	489	2934	72	204	255	105	1420	----------	----------	365	58	173	mg/L
Dureza Total	80,0	360,0	60,0	290,0	350,0	350,0	710,0	----------	----------	144,0	240,0	260,0	mg/L CO3Ca
Dza.Perman.	76,0	360,0	58,0	290,0	350,0	350,0	710,0	----------	----------	144,0	240,0	260,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	10,0	13,0	5,0	13,0	15,0	16,0	20,0	----------	----------	15,0	14,0	13,0	mg/L Cl-
Sulfatos	40,4	118,8	38,6	86,8	330,0	208,0	848,0	----------	----------	700,0	237,6	700,0	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	4,0	< 0,1	2,0	< 0,1	< 0,1	< 0,1	< 0,1	----------	----------	< 0,1	< 0,1	< 0,1	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	16,0	64,0	12,8	56,0	72,0	76,0	152,0	----------	----------	31,0	57,0	57,0	mg/L Ca
Magnesio	9,7	48,6	6,8	36,4	41,3	38,8	80,1	----------	----------	16,0	24,0	29,0	mg/L Mg
Sodio	42,5	11,0	5,0	7,0	7,5	7,0	9,0	----------	----------	7,5	7,5	55,0	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	2,2	3,6	3,0	2,4	2,8	7,0	17,5	----------	----------	2,2	4,0	6,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	0	6	2	4	30	12	0	----------	----------	20	4	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: 52 **Subred:** 53 **Coordenadas X:** 163717

Río: RIVERA DE OLIVARGAS **Y:** 4177864

Situación: Desembocadura, 200m aguas arriba **Z:**

- Año 1969 -

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	140	110	80	200	240	280	520	----------	----------	130	330	340	µS/cm
pH	6,2	4,1	6,3	5,2	4,9	4,9	4,5	----------	----------	5,4	4,1	4,1	pH
Mats.Suspensión	211	126	11	57	45	25	21	----------	----------	73	30	23	mg/L
Dureza Total	62,0	26,0	50,0	80,0	100,0	110,0	216,0	----------	----------	56,0	122,0	144,0	mg/L CO3Ca
Dza.Perman.	54,0	26,0	38,0	76,0	90,0	108,0	216,0	----------	----------	46,0	122,0	144,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	9,0	7,0	6,0	12,0	13,0	14,0	21,0	----------	----------	16,0	16,0	14,0	mg/L Cl-
Sulfatos	42,2	25,4	15,2	56,0	47,0	56,6	56,8	----------	----------	34,0	96,0	109,0	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	8,0	< 0,1	12,0	4,0	10,0	2,0	< 0,1	----------	----------	10,0	< 0,1	< 0,1	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	12,0	5,6	10,4	18,4	24,8	24,8	48,8	----------	----------	12,0	26,0	33,0	mg/L Ca
Magnesio	7,7	2,9	5,8	8,2	9,2	11,6	22,8	----------	----------	6,0	14,0	15,0	mg/L Mg
Sodio	26,0	3,5	5,5	6,0	9,0	6,5	8,4	----------	----------	6,0	6,0	74,0	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	1,8	1,8	3,2	2,6	2,4	1,0	2,4	----------	----------	5,6	2,0	2,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	0	0	0	0	2	0	0	----------	----------	16	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: 53 **Subred:** 54 **Coordenadas X:** 163147

Río: RIO ODIEL **Y:** 4173165

Situación: Puente Santa Rosa. Ctra. Calañas-Zalamea la Real **Z:**

- Año 1969 -

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	680	130	630	950	1200	2600	----------	----------	1060	730	1100	µS/cm
pH	4,3	3,1	4,4	3,3	3,0	2,9	3,0	----------	----------	3,2	3,1	3,1	pH
Mats.Suspensión	708	131	175	28	53	1506	205	----------	----------	294	107	108	mg/L
Dureza Total	140,0	170,0	520,0	300,0	400,0	290,0	660,0	----------	----------	460,0	230,0	260,0	mg/L CO3Ca
Dza.Perman.	140,0	170,0	520,0	300,0	400,0	290,0	660,0	----------	----------	460,0	230,0	260,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	10,0	13,0	6,0	12,0	16,0	12,0	21,0	----------	----------	16,0	16,0	15,0	mg/L Cl-
Sulfatos	52,0	152,0	14,4	88,8	348,0	424,0	940,0	----------	----------	576,0	207,0	546,0	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	< 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	24,0	36,0	12,0	72,0	92,0	64,0	124,0	----------	----------	84,0	56,0	60,0	mg/L Ca
Magnesio	19,4	19,4	5,3	29,1	41,3	31,5	85,0	----------	----------	61,0	22,0	27,0	mg/L Mg
Sodio	7,0	11,0	4,0	7,5	7,5	7,5	8,5	----------	----------	7,0	7,0	9,0	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	1,4	2,4	3,6	4,6	2,8	7,0	6,2	----------	----------	2,6	3,0	3,2	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	2	0	6	0	0	0	0	----------	----------	60	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: 54 **Subred:** 55 **Coordenadas X:** 160514

Río: RIO ODIEL **Y:** 4167845

Situación: Sotiel Coronada **Z:**

- Año 1969 -

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	420	630	140	720	1100	1300	2500	----------	----------	1440	710	1200	µS/cm
pH	4,0	3,1	4,5	3,2	2,9	2,9	2,5	----------	----------	2,9	3,2	2,9	pH
Mats.Suspensión	687	1500	118	11	53	88	118	----------	----------	148	150	195	mg/L
Dureza Total	160,0	150,0	68,0	200,0	300,0	310,0	570,0	----------	----------	620,0	260,0	280,0	mg/L CO3Ca
Dza.Perman.	160,0	150,0	68,0	200,0	300,0	310,0	570,0	----------	----------	620,0	260,0	280,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	11,0	13,0	6,0	13,0	16,0	21,0	24,0	----------	----------	16,0	17,0	17,0	mg/L Cl-
Sulfatos	112,0	174,0	63,0	190,0	360,0	376,0	920,0	----------	----------	848,0	202,0	680,0	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	< 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	36,0	32,0	14,0	52,0	64,0	60,0	116,0	----------	----------	136,0	60,0	64,0	mg/L Ca
Magnesio	17,0	17,0	8,0	17,0	34,0	39,0	68,0	----------	----------	65,0	27,0	29,0	mg/L Mg
Sodio	8,0	12,0	41,0	8,0	8,0	8,0	21,0	----------	----------	8,0	15,0	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	2,4	3,0	3,8	3,0	2,0	9,0	8,9	----------	----------	3,4	3,8	4,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	0	10	2	0	0	0	0	----------	----------	60	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: 55 **Subred:** 56 **Coordenadas X:** 147236

Río: RIO ORAQUE **Y:** 4172630

Situación: Ctra. Villanueva de las Cruces-Calañas **Z:**

- Año 1969 -

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	710	800	130	1040	1260	760	----------	----------	----------	1240	650	870	µS/cm
pH	3,6	3,0	4,0	2,9	2,8	3,1	----------	----------	----------	2,8	3,2	3,2	pH
Mats.Suspensión	382	1125	57	43	88	1952	----------	----------	----------	260	39	95	mg/L
Dureza Total	110,0	150,0	52,0	200,0	210,0	144,0	----------	----------	----------	380,0	180,0	180,0	mg/L CO3Ca
Dza.Perman.	110,0	150,0	52,0	200,0	210,0	144,0	----------	----------	----------	380,0	180,0	180,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	15,0	22,0	7,0	24,0	32,0	26,0	----------	----------	----------	30,0	22,0	30,0	mg/L Cl-
Sulfatos	201,2	208,0	42,6	200,0	348,0	188,0	----------	----------	----------	572,0	192,0	368,0	mg/L SO4=
Nitratos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Carbonatos	< 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	mg/L CO3Ca
Fosfatos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fluoruros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Cianuros	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sílice	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Calcio	24,0	32,0	12,0	47,2	52,0	26,4	----------	----------	----------	76,0	40,0	36,0	mg/L Ca
Magnesio	12,2	17,0	5,3	19,9	19,4	18,9	----------	----------	----------	46,0	19,0	22,0	mg/L Mg
Sodio	11,0	17,0	6,0	14,0	15,0	9,0	----------	----------	----------	8,0	9,0	31,0	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	2,8	3,2	2,4	1,8	1,8	----------	----------	----------	4,8	1,6	1,8	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	0	0	44	0	24	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 1969 -

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	330	125	700	940	1120	1300	----------	----------	800	610	1000	µS/cm
pH	3,7	3,6	3,7	3,2	3,0	3,0	3,6	----------	----------	3,1	3,3	3,1	pH
Mats.Suspensión	83	3950	184	174	52	98	105	----------	----------	56	112	64	mg/L
Dureza Total	110,0	120,0	44,0	180,0	240,0	306,0	302,0	----------	----------	360,0	200,0	230,0	mg/L CO3Ca
Dza.Perman.	110,0	120,0	44,0	180,0	240,0	306,0	302,0	----------	----------	360,0	200,0	230,0	mg/L CO3Ca
CARACTERISTICAS QUIMICAS													
Cloruros	14,0	18,0	7,0	17,0	18,0	19,0	28,0	----------	----------	68,0	20,0	22,0	mg/L Cl-
Sulfatos	101,0	92,0	11,6	94,8	120,8	208,0	252,0	----------	----------	360,0	180,0	456,0	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	< 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	24,0	28,0	10,4	40,0	60,0	66,4	63,2	----------	----------	90,0	48,0	48,0	mg/L Ca
Magnesio	12,1	12,3	4,3	19,4	21,8	34,0	34,0	----------	----------	33,0	19,4	26,7	mg/L Mg
Sodio	9,0	11,0	6,0	9,0	11,0	9,0	12,0	----------	----------	8,5	10,0	55,0	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	1,2	3,2	4,2	2,0	2,0	2,0	3,5	----------	----------	3,4	2,2	2,4	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	0	20	4	3	15	0	0	----------	----------	2	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 1969 -

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	1280	350	650	1880	2350	3300	4450	----------	----------	1800	1690	2600	µS/cm
pH	3,2	3,7	3,3	2,6	2,5	2,4	3,6	----------	----------	2,6	2,8	2,6	pH
Mats.Suspensión	890	13208	92	200	800	650	495	----------	----------	377	631	1108	mg/L
Dureza Total	180,0	150,0	184,0	250,0	42,0	----------	----------	----------	----------	----------	----------	----------	----------
Dza.Perman.	180,0	150,0	184,0	250,0	42,0	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS QUIMICAS													
Cloruros	22,0	12,0	17,0	36,0	34,0	35,0	49,0	----------	----------	21,0	24,0	30,0	mg/L Cl-
Sulfatos	506,0	108,0	100,0	760,0	1020,0	1650,0	2160,0	----------	----------	107,0	434,0	2380,0	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	< 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	32,0	32,0	38,0	52,0	----------	----------	----------	----------	----------	----------	----------	----------	----------
Magnesio	24,0	17,0	22,0	29,0	----------	----------	----------	----------	----------	----------	----------	----------	----------
Sodio	13,0	8,0	10,0	15,0	22,0	20,0	18,0	----------	----------	21,0	20,0	20,0	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	36,0	3,2	3,6	22,0	5,0	16,0	24,0	----------	----------	95,0	60,0	75,0	mg/L O2
Nitritos	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Fenoles	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Detergentes	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Amonio	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Alcalinidad	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
CARACTERISTICAS BACTERIOLOGICAS													
Coliformes totales	0	0	10	0	0	0	0	----------	----------	2	0	0	UFC/100mL
INDICE GENERAL DE POLUCION													
Indice U.V.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------