

表 4 - 6 泉州諸河川水域水質調査結果 (平成 3 年度)

測定地点		環境基準河川類型	生活環境項目													
			水素イオン濃度 [pH]		生物化学的酸素要求量 [BOD]			浮遊物質量 [SS]			溶存酸素量 [DO]			大腸菌数 (Coli-G) (MPN/100ml)		
			最小~最大	■/■	最小~最大	平均	■/■	最小~最大	平均	■/■	最小~最大	平均	■/■	最小~最大	平均	■/■
92	内川放水路古川橋		7.0~8.2	-/16	4.0~6.0	4.8	-/4	8~13	11	-/4	1.9~11	5.8	-/4	-	-	-
93	内壑川橋		6.8~7.9	-/16	7.8~11	10	-/4	7~110	35	-/4	1.9~7.3	3.8	-/4	-	-	-
94	石津川新川橋	E	7.4~9.2	4/16	1.9~9.9	6.9	0/4	6~21	12	-/4	7.8~12	10	0/4	-	-	-
95	石津川石津川橋		6.6~7.5	0/48	6.4~20	12	7/12	6~32	17	-/12	<0.5~9.2	4.6	1/12	-	-	-
96	石津川毛穴大橋		7.2~7.7	0/16	12~16	15	4/4	14~45	28	-/4	5.8~8.2	6.9	0/4	-	-	-
97	百済川高入橋		7.1~7.4	-/16	13~26	19	-/4	19~27	23	-/4	3.1~7.7	5.0	-/4	-	-	-
98	百舌鳥川北条橋		6.9~7.2	-/16	21~35	27	-/4	29~53	38	-/4	2.5~13	6.5	-/4	-	-	-
99	伊勢路川泉北2号線前		7.0~7.4	-/16	19~45	28	-/4	22~44	28	-/4	1.7~5.5	3.8	-/4	-	-	-
100	和田川小野々井橋		7.3~7.8	-/16	3.8~12	7.0	-/4	8~73	30	-/4	6.4~11	8.9	-/4	-	-	-
101	陶器川百年橋		7.2~7.6	-/16	6.7~10	8.4	-/4	4~28	13	-/4	5.5~8.6	6.2	-/4	-	-	-
102	妙見川新見の井橋		7.5~8.9	-/16	2.5~59	17	-/4	3~30	18	-/4	7.5~13	10	-/4	-	-	-
103	王子川王子川橋		6.7~7.4	-/16	21~78	44	-/4	23~46	34	-/4	<0.5~4.6	3.3	-/4	-	-	-
104	新河口水門		7.0~8.1	-/16	39~100	63	-/4	30~110	62	-/4	<0.5~3.0	1.9	-/4	-	-	-
105	大津川高津取水口	B	7.4~9.2	7/48	4.3~10	6.9	12/12	9~91	32	4/12	7.6~11	9.8	0/12	7.1×10^4 2.4×10^4	6.6×10^4	12/12
106	大津川大津川橋	D	7.4~9.1	4/48	4.0~11	6.8	2/12	7~76	32	0/12	7.0~12	9.4	0/12	-	-	-

(単位: mg/l)

化学的酸素 要求量 (COD)	観 測 項 目																			
	カドミウム		シアン		有機リン		鉛		クロム(6価)		ヒ素		鉛水銀		PCB		トリクロロ エチレン		テトラクロロ エチレン	
	[Cd]		[CN]		[Or-P]		[Pb]		[Cr ⁶⁺]		[As]		[T-Hg]							
最小~最大 平均	最大	μ/g	最大	μ/g	最大	μ/g	最大	μ/g	最大	μ/g	最大	μ/g	最大	μ/g	最大	μ/g	最大	μ/g	最大	μ/g
5.6~6.1 5.9	<0.005	0/4	ND	0/4	ND	0/1	<0.05	0/4	<0.02	0/4	<0.02	0/4	<0.0005	0/6	ND	0/1	<0.002	0/4	<0.0005	0/4
7.8~10 8.9	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
11~15 13	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
12~21 17	"	0/12	"	0/12	"	0/2	"	0/12	"	0/12	"	0/12	"	0/12	"	0/2	"	0/6	"	0/6
15~24 18	"	0/4	"	0/4	"	0/1	"	0/4	"	0/4	"	0/4	"	0/5	"	0/1	"	0/4	"	0/4
20~29 24	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
24~33 30	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
19~29 23	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0.0012	"
7.0~14 11	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	<0.0005	"
11~15 13	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
6.6~82 21	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
20~55 33	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0/2	"	0/2
36~72 57	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
7.9~11 9.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0.0022	"
8.2~13 9.9	"	0/12	"	0/12	"	0/2	"	0/12	"	0/12	"	0/12	"	0/12	"	0/2	"	0/6	0.0026	0/6

測定地点		環境基準河川類型	生活環境項目															
			水素イオン濃度 (pH)			生物化学的酸素要求量 (BOD)			浮遊物質量 (SS)			溶存酸素量 (DO)			大腸菌群数 (Coli-G) (MPN/100ml)			
			最小~最大	m/n	最小~最大	平均	m/n	最小~最大	平均	m/n	最小~最大	平均	m/n	最小~最大	平均	m/n		
107	牛滝川橋	B	7.5~8.2	4/48	3.3~9.8	6.1	2/12	5~89	16	2/12	6.3~12	9.7	0/12	4.9 × 10 ³ 5 1.3 × 10 ⁴	4.1 × 10 ⁴	11/12		
108	松尾川 新緑田橋	B	7.3~9.1	3/48	4.8~11	7.6	12/12	7~120	31	3/12	6.1~11	9.1	0/12	7.9 × 10 ³ 5 2.4 × 10 ⁴	5.5 × 10 ⁴	12/12		
109	横尾川 栗和橋	B	7.1~9.3	2/48	2.5~8.8	5.3	10/12	4~59	18	2/12	5.9~12	9.6	0/12	4.9 × 10 ³ 5 2.4 × 10 ⁴	5.8 × 10 ⁴	10/12		
110	父鬼川 神田橋	A	7.3~8.3	0/48	0.8~3.1	2.0	4/12	1~7	2	0/12	7.9~11	9.4	0/12	1.3 × 10 ³ 5 5.4 × 10 ⁴	9.4 × 10 ³	2/12		
111	東横尾川 東条橋		7.4~8.0	-/16	1.4~3.1	2.5	-/4	1~21	8	-/4	7.8~11	9.4	-/4	-	-	-		
112	香木川 香木橋	E	7.2~8.0	0/48	2~33	24	12/12	20~70	37	-/12	1.1~7.6	5.6	1/12	-	-	-		
113	津田川 昭代橋	E	7.0~8.3	0/48	3.5~15	8.7	4/12	10~44	23	-/12	6.5~10	8.6	0/12	-	-	-		
114	近木川 丘除橋	B	7.5~9.8	2/48	1.0~4.4	2.9	7/12	2~120	15	2/12	8.4~11	9.8	0/12	7.9 × 10 ³ 5 5.4 × 10 ⁴	1.8 × 10 ⁴	8/12		
115	近木川 近木川橋	E	6.9~8.3	0/48	8.4~39	19	9/12	18~83	35	-/12	5.2~11	8.9	0/12	-	-	-		
116	栢谷川 通天橋		7.6~8.3	-/16	1.0~2.7	1.8	-/4	1~4	3	-/4	8.7~12	10	-/4	-	-	-		
117	見出川 見出橋	E	7.0~7.8	0/48	4.6~25	12	5/12	15~70	35	-/12	5.4~9.2	7.3	0/12	-	-	-		
118	佐野川 昭平橋	E	7.4~8.0	0/48	7.9~26	13	8/12	8~44	18	-/12	4.8~9.7	6.9	0/12	-	-	-		
119	兩山川 佐野川合流直前		7.4~8.9	-/16	14~22	19	-/4	16~26	20	-/4	4.9~6.8	6.0	-/4	-	-	-		
120	住吉川 向井田橋		7.3~7.7	-/16	7.3~23	13	-/4	7~17	11	-/4	5.1~6.1	5.8	-/4	-	-	-		
121	田尻川 府道堺阪南橋下		7.5~9.7	-/16	14~79	36	-/4	23~170	73	-/4	3.8~7.9	5.8	-/4	-	-	-		
122	壑井川 虎田橋	B	7.1~8.9	3/48	1.6~10	4.3	7/12	5~88	26	4/12	7.6~13	10	0/12	1.3 × 10 ³ 5 9.2 × 10 ⁴	2.0 × 10 ⁴	6/12		

(単位: mg/l)

化学的酸素 要求量 [COD]	種 類 別 項 目																					
	カドミウム [Cd]		シアン [CN]		有機リン [Or-P]		鉛 [Pb]		クロム(6価) [Cr ⁶⁺]		ヒ素 [As]		総水銀 [T-Hg]		PCB		トリクロロ エチレン	テトラクロロ エチレン				
最小~最大	平均	最大	μ/l	最大	μ/l	最大	μ/l	最大	μ/l	最大	μ/l	最大	μ/l	最大	μ/l	最大	μ/l	最大	μ/l			
5.6~28	3.8	<0.005	0/4	ND	0/4	ND	0/1	<0.05	0/4	<0.02	0/4	<0.02	0/4	<0.0005	0/6	ND	0/1	0.036	1/2	<0.0005	0/2	
9.1~14	11	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	<0.002	"	"	"	
6.6~10	8.1	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
2.1~4.0	2.9	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
2.8~5.3	3.7	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
16 ~37	22	"	0/12	"	0/12	"	0/2	"	0/12	"	0/12	"	0/12	"	0/12	"	0/2	"	0/6	"	0/6	
8.9~22	14	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0.0088	"	
2.5~7.6	5.1	"	0/4	"	0/4	"	0/1	"	0/4	"	0/4	"	0/4	"	0/6	"	0/1	"	0/2	<0.0005	0/2	
13 ~43	24	"	0/12	"	0/12	"	0/2	"	0/12	"	0/12	"	0/12	"	0/12	"	0/2	"	0/6	"	0/6	
2.3~5.0	3.6	"	0/4	"	0/4	"	0/1	"	0/4	"	0/4	"	0/4	"	0/6	"	0/1	"	0/2	"	0/2	
11 ~23	16	"	0/12	"	0/12	"	0/2	"	0/12	"	0/12	"	0/12	"	0/12	"	0/2	"	0/6	"	0/6	
20 ~25	22	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0.0012	"
25 ~86	41	"	0/4	"	0/4	"	0/1	"	0/4	"	0/4	"	0/4	"	0/6	"	0/1	<0.002	0/2	<0.0005	0/2	
14 ~22	17	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
27~120	66	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
4.5~21	7.5	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	

測定地点		環境基準 河川 類型	生活環境項目																	
			水素イオン濃度 (pH)		生物化学的酸素要求量 (BOD)				浮遊物質 (SS)				溶存酸素量 (DO)				大腸菌群数 (Coli-G) (MPN/100ml)			
			最小~最大	μ/a	最小~最大	平均	μ/a	最小~最大	平均	μ/a	最小~最大	平均	μ/a	最小~最大	平均	μ/a	最小~最大	平均	μ/a	
123	堰井川 堰井大橋	E	7.2~8.7	3/48	5.1~17	11	6/12	5~38	20	-/12	5.9~10	8.9	0/12	-	-	-	-			
124	新家川 明治小橋		7.4~8.8	-/16	2.8~35	12	-/4	6~36	16	-/4	8.6~10	9.3	-/4	-	-	-	-			
125	大里川 河口水門		6.1~7.3	-/16	15~26	20	-/4	19~87	46	-/4	4.4~6.1	5.6	-/4	-	-	-	-			
126	男里川 男里川橋	A	7.1~9.1	3/48	1.7~10	3.5	10/12	3~30	11	1/12	6.8~13	9.9	1/12	1.3×10^4 9.2 × 10 ⁴	1.2×10^4	12/12				
127	金熊寺川 男里橋	A	7.0~8.4	0/48	1.3~4.5	2.4	8/12	3~160	24	2/12	7.0~12	9.4	1/12	4.9×10^4 2.4 × 10 ⁴	7.2×10^4	11/12				
128	菟砥川 西打合橋	A	6.8~9.0	2/48	1.3~5.1	2.8	7/12	2~9	6	0/12	7.5~12	9.9	0/12	2.3×10^4 1.6 × 10 ⁴	2.0×10^4	12/12				
129	山中川 東打合橋	A	7.0~9.9	7/48	1.2~3.8	2.1	5/12	1~11	6	0/12	8.0~13	11	0/12	1.3×10^4 5.4 × 10 ⁴	1.1×10^4	12/12				
130	茶塵川 新茶塵川橋		7.4~7.9	-/16	2.6~7.1	4.9	-/4	7~40	17	-/4	8.0~12	8.7	-/4	-	-	-				
131	香田川 田身輪橋	A	6.5~8.5	0/48	0.9~2.1	1.3	1/12	1~24	5	0/12	8.1~13	10	0/12	3.3×10^4 2.4 × 10 ⁴	5.3×10^4	8/12				
132	大川 昭南橋	A	7.3~8.7	1/48	1.0~2.5	1.7	3/12	2~18	6	0/12	7.6~13	10	0/12	1.3×10^4 9.2 × 10 ⁴	2.2×10^4	12/12				
1133	東一軒川 新茶塵橋	A	7.3~8.4	0/48	0.7~2.3	1.6	1/12	2~34	12	1/12	5.4~12	9.5	1/12	7.9×10^4 3.5 × 10 ⁴	7.6×10^4	10/12				
134	西川 こや橋	A	7.1~8.3	0/48	0.8~1.8	1.2	0/12	1~100	15	2/12	6.8~12	9.7	1/12	5.0×10^4 4.9 × 10 ⁴	1.8×10^4	9/12				

(単位: mg/l)

化学的酸素 要求量 (COD)	観 測 項 目																				
	カドミウム		シアン		有機リン		鉛		クロム(6価)		ヒ素		総水銀		PCB		トリクロロ エチレン		テトラクロロ エチレン		
	[Cd]		[CN]		[Or-P]		[Pb]		[Cr ⁶⁺]		[As]		[T-Hg]								
最小~最大	平均	最大	μ/l	最大	μ/l	最大	μ/l	最大	μ/l	最大	μ/l	最大	μ/l	最大	μ/l	最大	μ/l	最大	μ/l	最大	μ/l
11 ~26	18	<0.005	0/12	ND	0/12	ND	0/2	<0.05	0/12	<0.02	0/12	<0.02	0/12	<0.0005	0/12	ND	0/2	<0.002	0/6	<0.0005	0/6
6.1~22	12	"	0/4	"	0/4	"	0/1	"	0/4	"	0/4	"	0/4	"	0/6	"	0/1	"	0/2	"	0/2
31 ~87	46	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
3.3~ 9.6	5.3	"	0/12	"	0/12	"	0/2	"	0/12	"	0/12	"	0/12	"	0/12	"	0/2	"	0/6	"	0/6
3.2~ 9.0	5.2	"	0/4	"	0/4	"	0/1	"	0/4	"	0/4	"	0/4	"	0/6	"	0/1	"	0/2	"	0/2
3.6~ 7.3	4.6	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
2.2~ 4.9	3.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
4.2~ 8.2	5.9	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
1.7~ 4.1	3.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
2.5~ 5.0	3.5	"	0/12	"	0/12	"	0/2	"	0/12	"	0/12	"	0/12	"	0/12	"	0/2	"	0/6	"	0/6
2.6~ 5.9	3.8	"	0/4	"	0/4	"	0/1	"	0/4	"	0/4	"	0/4	"	0/6	"	0/1	"	0/2	"	0/2
1.7~ 4.6	2.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"