

表 3 - 6 泉州諸河川水域水質調査結果 (平成元年度)

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		生物化学的酸素要求量			浮遊物質			溶存酸素量			大腸菌群数 (Coli-G) (MPN/100ml)		
			[pH]		[BOD]			[SS]			[DO]					
			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
92	内川放水路 古川橋		6.8~8.2	-/16	2.7~8.4	4.7	-/4	2~8	4	-/4	4.0~10	6.4	-/4	-	-	-
93	内川 堅川橋		6.8~7.5	-/16	14~22	16	-/4	10~25	15	-/4	<0.5~13	4.2	-/4	-	-	-
94	石津川 新川橋	E	7.0~9.1	2/16	6.2~8.7	7.4	0/4	6~18	12	-/4	11~12	12	0/4	-	-	-
95	石津川 石津川橋		6.9~7.5	0/48	7.2~17	11	4/12	3~29	16	-/12	1.7~7.5	4.5	2/12	-	-	-
96	石津川 毛穴大橋		7.1~7.5	0/16	9.3~17	14	3/4	12~19	17	-/4	5.4~8.3	8.9	0/4	-	-	-
97	百済川 高入橋		7.1~7.7	-/12	24~44	32	-/3	32~250	130	-/3	0.6~5.2	3.2	-/3	-	-	-
98	百舌鳥川 北条橋		6.7~7.5	-/16	29~71	47	-/4	30~75	58	-/4	1.5~6.6	3.9	-/4	-	-	-
99	伊勢路川 泉北2号線前		6.9~7.5	-/16	25~42	32	-/4	29~55	40	-/4	3.3~5.3	4.0	-/4	-	-	-
100	和田川 小野々井橋		7.3~8.1	-/16	4.3~8.8	6.0	-/4	6~14	9	-/4	7.8~9.5	8.4	-/4	-	-	-
101	陶器川 百年橋		7.2~7.5	-/16	5.7~11	8.3	-/4	7~13	9	-/4	4.9~9.8	7.6	-/4	-	-	-
102	妙見川 見の井橋		7.4~8.0	-/16	3.2~7.8	5.6	-/4	4~15	12	-/4	7.6~10	8.6	-/4	-	-	-
103	王子川 王子川橋		6.8~7.6	-/16	25~32	28	-/4	13~24	18	-/4	0.6~5.0	2.1	-/4	-	-	-
104	新川 河口水門		7.2~10.5	-/16	42~77	54	-/4	22~40	30	-/4	<0.5~1.4	0.9	-/4	-	-	-
105	大津川 高津取水口	B	6.9~8.8	3/48	3.2~9.5	6.5	12/12	7~87	28	5/12	8.0~11	9.6	0/12	2.3 × 10 <sup>4</sup> 9.2 × 10 <sup>5</sup>	1.3 × 10 <sup>5</sup>	11/12
106	大津川 大津川橋	D	6.8~8.7	2/48	3.4~9.9	6.0	1/12	11~72	35	0/12	7.6~11	9.2	0/12	-	-	-

(単位: mg/l)

化学的酸素 要求量 〔COD〕	健康項目																
	カドミウム		シアン		有機リン		鉛		クロム(6価)		ヒ素		総水銀		PCB		
	〔Cd〕		〔CN〕		〔Or-P〕		〔Pb〕		〔Cr <sup>6+</sup> 〕		〔As〕		〔T-Hg〕				
最小~最大	平均	最大	μ/n	最大	μ/n	最大	μ/n	最大	μ/n	最大	μ/n	最大	μ/n	最大	μ/n	最大	μ/n
3.1~8.4	5.3	<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
8.1~13	12	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
11~15	13	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
14~22	16	"	0/12	"	0/12	"	0/2	"	0/12	"	0/12	"	0/12	"	0/12	"	0/2
19~21	20	"	0/4	"	0/4	"	0/1	"	0/4	"	0/4	"	0/4	"	0/6	"	0/1
25~35	29	"	0/3	"	0/3	"	"	"	0/3	"	0/3	"	0/3	"	0/5	"	"
30~51	38	"	0/4	"	0/4	"	"	"	0/4	"	0/4	"	0/4	"	0/6	"	"
21~35	28	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
9.4~11	10	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
10~14	12	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
7.8~12	9.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
21~34	28	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
37~76	55	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
6.2~15	10	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
6.1~12	9.9	"	0/12	"	0/12	"	0/2	"	0/12	"	0/12	"	0/12	"	0/12	"	"

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		生物化学的酸素要求量				浮遊物質量			溶存酸素量			大腸菌数			
		〔pH〕		〔BOD〕		〔SS〕			〔DO〕			〔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	6.4~9.0	3/48	2.5~11	6.1	10/12	2~110	26	3/12	8.0~12	9.5	0/12	1.3×10 <sup>4</sup> 2.4×10 <sup>4</sup>	2.6 × 10 <sup>5</sup>	12/12	
108	松尾川新緑田橋	B	6.7~8.8	1/48	4.4~14	9.1	12/12	11~260	49	7/12	7.3~11	8.9	0/12	5.0×10 <sup>4</sup> 1.6×10 <sup>4</sup>	1.9 × 10 <sup>5</sup>	11/12	
109	横尾川紫和橋	B	6.9~8.4	0/48	1.3~9.6	5.2	10/12	2~45	14	3/12	7.7~12	9.3	0/12	2.3×10 <sup>4</sup> 9.2×10 <sup>4</sup>	1.7 × 10 <sup>5</sup>	12/12	
110	父鬼川神田橋	A	6.9~8.1	0/48	0.9~2.7	1.5	2/12	<1~17	5	0/12	8.6~11	9.9	0/12	5.0×10 <sup>4</sup> 7.9×10 <sup>4</sup>	1.4 × 10 <sup>4</sup>	10/12	
111	東横尾川東条橋		6.9~8.0	-/16	1.4~1.8	1.8	-/4	<1~85	26	-/4	8.3~11	9.8	-/4	-	-	-	
112	春木川春木橋	E	6.8~7.6	0/48	11~35	23	12/12	9~170	43	-/12	3.3~8.4	5.7	0/12	-	-	-	
113	津田川昭代橋	E	6.7~9.1	2/48	4.2~14	9.1	4/12	9~47	19	-/12	5.0~15	9.3	0/12	-	-	-	
114	近木川厄除橋	B	7.0~8.3	0/48	1.1~6.8	3.2	5/12	2~15	4	0/12	7.2~12	9.8	0/12	7.8×10 <sup>4</sup> 1.3×10 <sup>4</sup>	2.3 × 10 <sup>4</sup>	8/12	
115	近木川近木川橋	E	5.9~9.8	7/48	4.3~27	18	8/12	12~110	37	-/12	6.4~11	8.6	0/12	-	-	-	
116	鉅谷川通天橋		7.0~8.9	-/16	1.4~3.1	2.5	-/4	2~64	19	-/4	8.7~12	10	-/4	-	-	-	
117	見出川見出橋	E	6.9~7.6	0/48	5.2~19	11	5/12	12~90	32	-/12	5.8~9.7	7.9	0/12	-	-	-	
118	佐野川昭平橋	E	7.0~8.2	0/48	7.7~19	13	9/12	10~33	18	-/12	5.1~8.0	7.0	0/12	-	-	-	
119	雨山川佐野川合流直前		7.2~8.6	-/16	18~31	25	-/4	15~56	26	-/4	3.3~7.0	5.2	-/4	-	-	-	
120	住吉川向井田橋		7.0~8.0	-/16	10~17	14	-/4	4~29	13	-/4	1.6~7.6	4.3	-/4	-	-	-	
121	田尻川府道堺阪南線下		7.1~9.1	-/16	22~50	39	-/4	15~95	51	-/4	4.4~8.4	6.0	-/4	-	-	-	
122	堅井川兔田橋	B	7.0~9.7	2/48	1.4~10	4.5	8/12	5~140	31	3/12	8.3~18	10	0/12	9.2×10 <sup>4</sup> 7.9×10 <sup>4</sup>	2.0 × 10 <sup>4</sup>	6/12	

(単位: mg/l)

化学的酸素 要求量 (COD)	検 査 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		
	[Cd]		[CN]				[Or-P]				[Pb]		[Cr <sup>6+</sup> ]				[As]				[T-Hg]				
最小~最大	平均	最大	m/n	最大	m/n	最大	m/n	最大	m/n	最大	m/n	最大	m/n	最大	m/n	最大	m/n	最大	m/n	最大	m/n	最大	m/n	最大	m/n
5.7~23	10	<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								
8.8~17	13	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
4.9~ 9.5	7.9	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
2.3~ 4.4	3.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
2.8~ 4.5	3.7	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
14 ~26	21	"	0/12	"	0/12	"	0/2	"	0/12	"	0/12	"	0/12	"	0/12	"	0/12	"	0/12	"	0/12	"	"	"	"
8.1~21	13	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0/2
2.8~ 7.5	4.7	"	0/4	"	0/4	"	0/1	"	0/4	"	0/4	"	0/4	"	0/4	"	0/6	"	0/6	"	0/6	"	"	0/1	
9.2~49	29	"	0/12	"	0/4	"	0/2	"	0/12	"	0/12	"	0/12	"	0/12	"	0/12	"	0/12	"	0/12	"	"	0/2	
2.5~ 6.6	5.3	"	0/4	"	0/4	"	0/1	"	0/4	"	0/4	"	0/4	"	0/4	"	0/6	"	0/6	"	0/6	"	"	0/1	
9.4~22	15	"	0/12	"	0/12	"	0/2	"	0/12	"	0/12	"	0/12	"	0/12	"	0/12	"	0/12	"	0/12	"	"	"	"
13 ~26	21	"	"	"	"	"	"	0.05	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0/2
24 ~45	36	"	0/4	"	0/4	"	0/1	<0.05	0/4	"	0/4	"	0/4	"	0/4	"	0/6	"	0/6	"	0/6	"	"	0/1	
13 ~20	17	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
35 ~81	60	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
4.6~12	7.3	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"

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	
123	櫻井川 櫻井大橋	E	7.1~7.9	0/48	3.9~23	12	8/12	13~60	27	-/12	3.9~11	7.2	0/12	-	-	-
124	新家川 明治小橋		7.1~7.8	-/16	4.2~9.5	7.0	-/4	7~36	23	-/4	6.9~11	8.7	-/4	-	-	-
125	大里川 河口水門		6.6~7.5	-/16	4.5~5.3	4.9	-/4	41~60	49	-/4	0.5~4.9	3.0	-/4	-	-	-
126	男里川 男里川橋	A	7.0~8.5	0/48	1.0~10	5.2	9/12	3~19	12	0/12	6.8~12	9.1	1/12	1.3×10 <sup>4</sup> 5.4×10 <sup>4</sup>	7.4 × 10 <sup>4</sup>	12/12
127	金熊寺川 男里橋	A	6.8~8.1	0/48	2.4~88	17	12/12	5~22	12	0/12	<0.5~10	6.1	8/12	1.3×10 <sup>4</sup> 9.2×10 <sup>4</sup>	9.3 × 10 <sup>4</sup>	12/12
128	菟砥川 西打合橋	A	7.1~9.2	2/48	1.0~4.6	2.4	7/12	1~12	6	0/12	5.8~12	9.6	1/12	2.3×10 <sup>4</sup> 2.4×10 <sup>4</sup>	4.2 × 10 <sup>4</sup>	12/12
129	山中川 東打合橋	A	7.0~9.3	1/48	0.7~3.6	1.9	3/12	1~26	12	1/12	6.9~15	9.5	1/12	1.3×10 <sup>4</sup> 7.9×10 <sup>4</sup>	2.2 × 10 <sup>4</sup>	11/12
130	茶屋川 新茶屋川橋		7.1~7.7	-/16	2.7~5.6	4.2	-/4	6~48	17	-/4	4.5~9.5	7.7	-/4	-	-	-
131	釜田身輪川 釜田身輪橋	A	7.1~8.3	0/48	0.5~2.8	1.2	2/12	<1~5	2	0/12	8.9~12	10	0/12	4.5×10 <sup>4</sup> 3.5×10 <sup>4</sup>	5.9 × 10 <sup>4</sup>	10/12
132	大昭兩川 大昭兩橋	A	7.0~8.4	0/48	1.0~4.5	1.9	4/12	1~12	6	0/12	7.9~12	10	0/12	2.3×10 <sup>4</sup> 9.2×10 <sup>4</sup>	1.8 × 10 <sup>4</sup>	10/12
1133	東一軒屋川 東一軒屋橋	A	7.1~9.2	2/48	<0.5~3.7	1.3	1/12	1~14	6	0/12	7.8~15	10	0/12	2.3×10 <sup>4</sup> 5.4×10 <sup>4</sup>	1.6 × 10 <sup>4</sup>	10/12
134	西こや川 西こや橋	A	7.1~8.5	0/48	<0.5~3.3	1.2	1/12	1~19	6	0/12	8.2~13	9.8	0/12	2.3×10 <sup>4</sup> 2.4×10 <sup>4</sup>	3.6 × 10 <sup>4</sup>	8/12

(単位: mg/l)

化学的酸素 要求量 (COD)	健康項目																
	カドミウム		シアン		有機リン		鉛		クロム(6価)		ヒ素		総水銀		PCB		
	最大	m/n	最大	m/n	最大	m/n	最大	m/n	最大	m/n	最大	m/n	最大	m/n	最大	m/n	
7.6~31	21	<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
7.8~14	11	"	0/4	"	0/4	"	0/1	"	0/4	"	0/4	"	0/4	"	0/6	"	0/1
40~87	67	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
4.2~11	7.4	"	0/12	"	0/12	"	0/2	"	0/12	"	0/12	"	0/12	"	0/12	"	0/2
4.7~46	14	"	0/4	"	0/4	"	0/1	"	0/4	"	0/4	"	0/4	"	0/6	"	0/1
3.4~6.7	4.7	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
2.7~5.1	3.6	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
4.9~8.5	6.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
1.7~4.0	3.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
3.2~6.1	4.2	"	0/12	"	0/12	"	0/2	"	0/12	"	0/12	"	0/12	"	0/12	"	0/2
1.8~6.3	3.9	"	0/4	"	0/4	"	0/1	"	0/4	"	0/4	"	0/4	"	0/6	"	0/1
1.4~4.8	2.9	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"