

表3-3 寝屋川水域水質調査結果（昭和57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 [SS] | | | 溶存酸素量 [DO] | | | 大腸菌群数 [Coli-G] (MPN/100ml) | | |
| | | | 最小~最大 | 平均 | 最小~最大 | 平均 | 最小~最大 | 平均 | 最小~最大 | 平均 | 最小~最大 | 平均 | 最小~最大 | 平均 | | |
| 45 | 寝屋川 清水橋 | E | 6.7 ~8.3 | % | 7.9 ~40 | 25 | 1/4 | 13 ~42 | 21 | 1/4 | 3.9 ~8.0 | 6.5 | % | - | - | - |
| 46 | 寝屋川 萱島橋 | | 6.4 ~7.6 | % | 1.6 ~10 | 4.2 | % | 3 ~120 | 24 | 1/4 | 6.0 ~10 | 8.6 | % | - | - | - |
| 47 | 寝屋川 住道大橋 | | 6.3 ~7.5 | " | 4.4 ~22 | 10 | 3/4 | 8 ~100 | 25 | " | <0.5 ~8.9 | 4.9 | 3/4 | - | - | - |
| 48 | 寝屋川 今津橋 | | 6.7 ~7.2 | " | 5.7 ~16 | 10 | 1/2 | 3 ~56 | 16 | " | <0.5 ~7.2 | 2.8 | 1/2 | - | - | - |
| 49 | 寝屋川 京橋 | | 6.4 ~7.6 | " | 3.9 ~9.1 | 6.4 | % | 5 ~47 | 17 | " | 1.0 ~9.8 | 4.7 | 3/4 | - | - | - |
| 50 | 恩智川 福栄橋下流100m | | 6.7 ~8.1 | % | 11 ~36 | 21 | 1/4 | 12 ~57 | 31 | 1/4 | 3.2 ~5.4 | 4.6 | % | - | - | - |
| 51 | 恩智川 住道新橋 | 6.3 ~7.7 | % | 10 ~42 | 24 | 1/2 | 8 ~49 | 24 | 1/2 | 0.7 ~5.6 | 3.0 | 1/2 | - | - | - | |
| 52 | 古徳川 徳栄橋 | 7.0 ~7.6 | 1/2 | 12 ~30 | 18 | 1/2 | 8 ~20 | 16 | " | 0.4 ~3.8 | 2.0 | 1/2 | 1.1×10 ⁵ ~ 9.2×10 ⁶ | 2.2 × 10 ⁶ | 1/2 | |
| 53 | 玉串川 第二寝屋川合流直前 | 6.4 ~6.9 | 1/2 | 27 ~61 | 48 | 1/4 | 11 ~19 | 16 | 1/4 | <0.5 ~2.4 | 0.9 | 1/4 | - | - | - | |
| 54 | 玉串川 三野郷農協前 | 6.8 ~7.5 | " | 7.1 ~74 | 27 | " | 10 ~750 | 220 | " | 1.0 ~7.6 | 3.4 | " | - | - | - | |
| 55 | 第二寝屋川 巨摩橋 | 6.7 ~7.3 | % | 12 ~59 | 28 | 1/4 | 13 ~39 | 23 | " | <0.5 ~11 | 4.4 | 1/4 | - | - | - | |
| 56 | 第二寝屋川 新金吾郎橋 | 6.3 ~7.2 | % | 5.1 ~24 | 11 | 1/2 | 6 ~35 | 16 | 1/2 | 0.6 ~6.2 | 3.7 | 3/4 | - | - | - | |
| 57 | 第二寝屋川 下城見橋 | 7.0 ~7.5 | 1/2 | 5.1 ~23 | 10 | " | 9 ~30 | 17 | " | 1.6 ~5.2 | 3.1 | " | 3.3×10 ⁴ ~ 1.7×10 ⁶ | 5.2 × 10 ⁶ | 1/2 | |
| 58 | 長瀬川 第二寝屋川合流直前 | 6.8 ~8.6 | 1/2 | 13 ~49 | 30 | 1/4 | 19 ~63 | 39 | 1/4 | <0.5 ~2.1 | 1.5 | 1/4 | - | - | - | |

(単位: mg/l)

| 化学的酸素 要求量 [COD] | | 健康項目 | | | | | | | | | | | | | | | |
|-----------------------|-----|---------------|-----------------|-------------|-----------------|----------------|-----------------|-----------|-----------------|--------------------------------|-----------------|------------|-----------------|---------------|-----------------|-------|-----------------|
| | | 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] | | P C B | |
| 最小~最大 | 平均 | 最大 | ppm | 最大 | ppm | 最大 | ppm | 最大 | ppm | 最大 | ppm | 最大 | ppm | 最大 | ppm | 最大 | ppm |
| 10 ~26 | 18 | <0.005 | % | N D | % | N D | % | <0.05 | % | <0.02 | % | <0.02 | % | <0.0005 | μg | N D | % |
| 4.8 ~7.5 | 6.3 | " | % ₁₂ | " | % ₁₂ | " | % ₁₂ | " | % ₁₂ | " | % ₁₂ | " | % ₁₂ | " | % ₁₂ | " | % ₁₂ |
| 6.9 ~17 | 10 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " |
| 8.9 ~16 | 12 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " |
| 8.1 ~12 | 10 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " |
| 18 ~29 | 23 | " | % | " | % | " | % | " | % | " | % | " | % | " | % | " | % |
| 13 ~31 | 21 | " | % | " | % ₁₂ | " | % ₁₂ | " | % ₁₂ | " | % ₁₂ | " | % ₁₂ | " | % ₁₂ | " | % ₁₂ |
| 12 ~30 | 17 | " | % | " | % | " | % | " | % | " | % | " | % | " | % | " | " |
| 19 ~34 | 27 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " |
| 13 ~45 | 30 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " |
| 13 ~34 | 20 | " | " | " | " | " | " | " | " | " | " | " | " | 0.0006 | μg | " | " |
| 9.7 ~18 | 14 | " | % ₁₂ | " | % ₁₂ | " | % ₁₂ | " | % ₁₂ | " | % ₁₂ | " | % ₁₂ | <0.0005 | % ₁₂ | " | " |
| 10 ~22 | 15 | " | % | " | % | " | % | " | % | <0.02 | % | <0.02 | % | " | % | - | - |
| 20 ~42 | 27 | " | " | " | " | " | " | " | " | <0.02 | " | <0.02 | " | " | % | N D | % |

| 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 | 平均 | 最小~最大 | 平均 | 標準偏差 | 最小~最大 | 平均 | 標準偏差 | 最小~最大 | 平均 | 標準偏差 | 最小~最大 | 平均 | 標準偏差 | |
| 59 | 平野川分水路 天王田大橋 | | 7.0 ~7.6 | 12 | 6.6 ~27 | 12 | 7 ~35 | 21 | 2.0 ~6.5 | 3.6 | 3.3×10 ⁵ ~ 2.4×10 ⁶ | 4.8 × 10 ⁵ | | | | | |
| 60 | 平野川 南弁天橋 | E | 7.0 ~7.5 | 25 | 13 ~51 | 25 | 15 ~72 | 33 | <0.5 ~3.8 | 1.3 | 4.9×10 ⁴ ~ 1.6×10 ⁷ | 2.8 × 10 ⁵ | | | | | |
| 61 | 平野川 城見橋 | | 7.1 ~7.5 | 12 | 7.0 ~20 | 12 | 8 ~30 | 18 | 1.1 ~4.7 | 2.8 | 4.6×10 ⁴ ~ 1.6×10 ⁶ | 4.9 × 10 ⁵ | | | | | |
| 62 | 平野川 東竹淵橋 | | 6.6 ~7.5 | 30 | 21 ~36 | 30 | 23 ~43 | 32 | <0.5 ~3.7 | 1.3 | — | — | — | — | | | |
| 63 | 淀川左岸幹線水路 市境 | | 6.8 ~7.5 | 6.9 | 2.2 ~20 | 6.9 | 9 ~62 | 23 | 1.1 ~10 | 5.5 | 4.0×10 ⁵ ~ 2.1×10 ⁷ | 1.9 × 10 ⁵ | | | | | |
| 64 | 楠根川 新家東橋 | | 6.6 ~7.4 | 31 | 18 ~59 | 31 | 10 ~19 | 14 | <0.5 ~3.9 | 1.8 | — | — | — | — | | | |

(単位: mg/l)

| 化学的酸素 要求量 [COD] | | 健康項目 | | | | | | | | | | | | | | | |
|-----------------------|-----|---------------|---|-------------|---|----------------|---|-----------|---|--------------------------------|---|------------|---|---------------|---|-------|---|
| | | 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] | | P C B | |
| 最小~最大 | 平均 | 最大 | ‰ | 最大 | ‰ | 最大 | ‰ | 最大 | ‰ | 最大 | ‰ | 最大 | ‰ | 最大 | ‰ | 最大 | ‰ |
| 13 ~29 | 19 | <0.005 | ‰ | ND | ‰ | ND | ‰ | <0.05 | ‰ | <0.02 | ‰ | <0.02 | ‰ | <0.0005 | ‰ | ND | ‰ |
| 15 ~31 | 21 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " |
| 11 ~24 | 16 | " | ‰ | " | ‰ | " | ‰ | " | ‰ | " | ‰ | " | ‰ | " | ‰ | " | ‰ |
| 23 ~34 | 28 | " | ‰ | " | ‰ | " | ‰ | " | ‰ | " | ‰ | " | ‰ | " | ‰ | " | ‰ |
| 3.7 ~29 | 9.9 | " | ‰ | " | ‰ | " | ‰ | " | ‰ | " | ‰ | " | ‰ | " | ‰ | " | ‰ |
| 19 ~46 | 28 | " | ‰ | " | ‰ | " | ‰ | " | ‰ | " | ‰ | " | ‰ | " | ‰ | " | ‰ |