

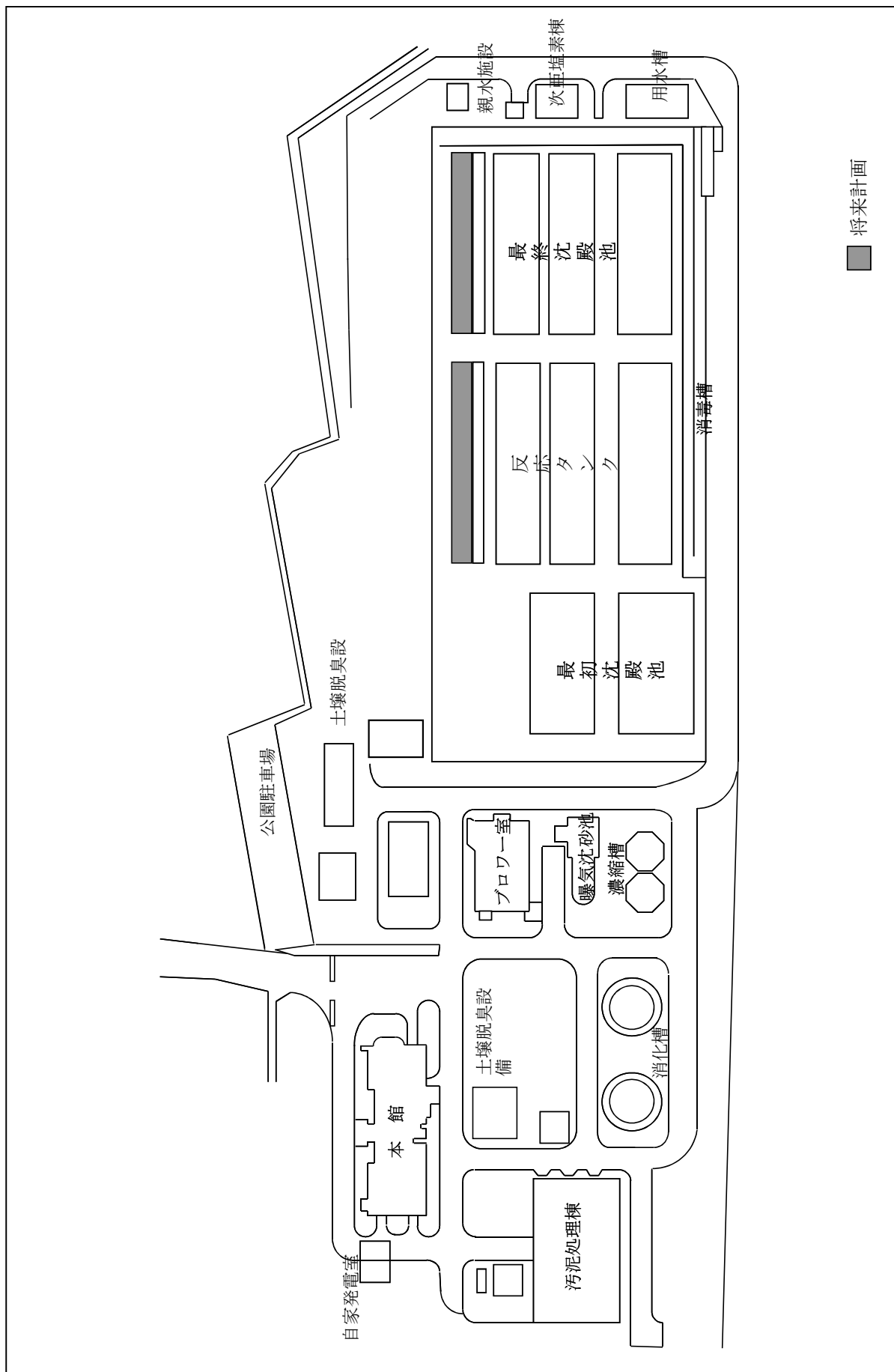
V 曾根浄化センター

| | | |
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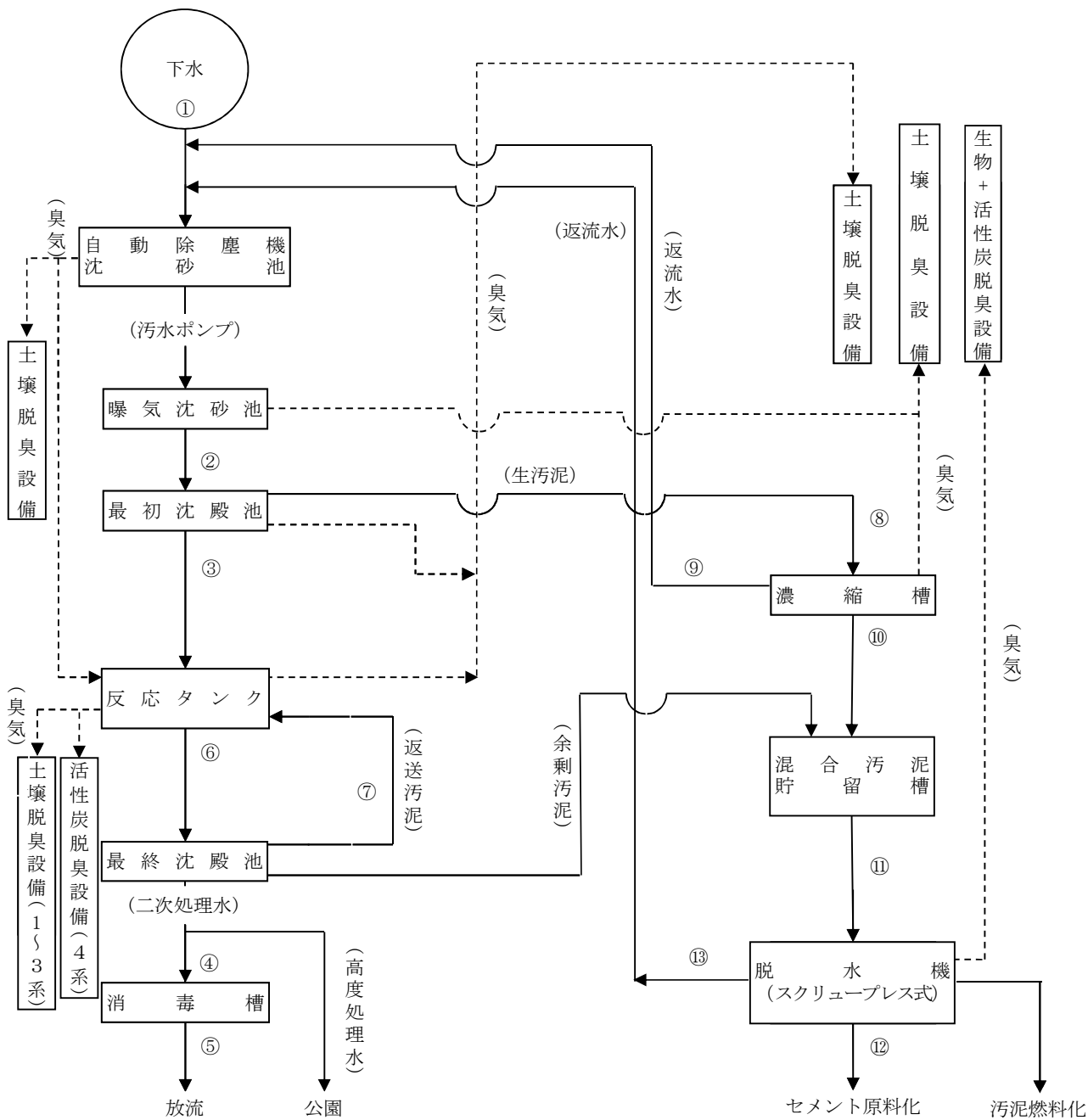
1 曾根浄化センターの主要設備仕様

| 施設 | 設備 | 仕様・構造 | 数 | |
|----------------------------------------|-----------------------------------------|--------------------------------------------|-----------------------------------------|----|
| 場内ポンプ場 | 自動除塵機 | (細目) 目開25mm | 3台 | |
| | 沈砂池 | 65m ³ | 3池 | |
| | 汚水ポンプ | | φ 400×20.0m ³ /分×20m×M-110kW | 1台 |
| | | | φ 500×35.0m ³ /分×20m×M-185kW | 1台 |
| | | | φ 400×20.0m ³ /分×20m×M-110kW | 1台 |
| | | | φ 500×35.0m ³ /分×20m×M-185kW | 1台 |
| | | | φ 800×75.0m ³ /分×24m×E-441kW | 1台 |
| | φ 800×75.0m ³ /分×24m×E-440kW | 1台 | | |
| 水処理施設 | 曝気沈砂池 | 200m ³ | 2池 | |
| | 最初沈殿池 | 3,666m ³ (W23.5×L52.0×H3.0) | 2池 | |
| | 反応タンク | 5,940m ³ (W 5.5×L72.0×H5.0×3水路) | 3池 | |
| | | 1,980m ³ (W 5.5×L72.0×H5.0×1水路) | 1池 | |
| | 主ブロワ | 7,500m ³ /時×170kW | 3台 | |
| | | 11,400m ³ /時×250kW | 1台 | |
| | 最終沈殿池 | 3,000m ³ (W17.5×L57.0×H3.0) | 3池 | |
| 1,000m ³ (W 5.8×L57.0×H3.0) | | 1池 | | |
| 消毒槽 | 2,600m ³ | 1池 | | |
| 汚泥処理施設 | 濃縮槽 | (重力式) 960m ³ | 1基 | |
| | | (重力式) 320m ³ | 1基 | |
| | 消化槽 | 4,300m ³ (休止) | 2槽 | |
| | 脱水機 | (スクレープレス式) φ 700×418kgDS/時 | 2台 | |
| 混合汚泥貯留槽 | W5.9×L9.4×H5.3 293m ³ | 1基 | | |
| 脱臭施設 | 土壌脱臭設備 | 142.0m ³ /分×11.0kW | 1台 | |
| | | 52.0m ³ /分× 3.7kW | 1台 | |
| | | 40.0m ³ /分× 3.7kW | 1台 | |
| | 生物+活性炭脱臭施設 | 55.0m ³ /分× 2.2kW | 1台 | |
| | | 39.0m ³ /分× 5.5kW | 1台 | |
| | | 55.0m ³ /分× 5.5kW | 1台 | |
| | 活性炭脱臭設備 | 40.0m ³ /分× 3.7kW (休止) | 1台 | |
| 41.0m ³ /分× 3.7kW | | 1台 | | |

2 曾根浄化センター全体平面図



3 処理系統図及び採水地点



サンプリング場所

- ①処理場流入水 ②最初沈殿池流入水 ③最初沈殿池流出水 ④処理水 ⑤放流水
- ⑥反応タンク混合液 ⑦返送汚泥 ⑧初沈引抜汚泥 ⑨重力濃縮越流水
- ⑩重力濃縮汚泥 ⑪混合汚泥 ⑫脱水ケーキ ⑬脱水分離液

4. 処理実績

(1) 水処理実績

| 単位 | 全放流量 | | | | | | | | | | | 合計 | 合計 |
|----------------|----------------|----------------|------------|--------|--------|--------|----------------|----------------|----------------|----------------|------------|------------|----|
| | 雨水系放流量 | | 汚水系放流量 | | | | | | | | 合計 | | |
| | 雨水放流量 | 一次放流量 | 二次放流量 | | | | 環境工場送水量 | その他 | せせらぎ | | | | |
| m ³ | m ³ | m ³ | 日平均 | 日最大 | 晴天日平均 | 晴天日最大 | m ³ | m ³ | m ³ | m ³ | | | |
| 4月 | 0 | 0 | 1,699,414 | 56,647 | 68,466 | 46,218 | 48,899 | 0 | 0 | 0 | 1,699,414 | 1,699,414 | |
| 5月 | 0 | 0 | 1,490,753 | 48,089 | 65,995 | 41,295 | 48,646 | 0 | 0 | 0 | 1,490,753 | 1,490,753 | |
| 6月 | 0 | 0 | 2,014,743 | 67,158 | 64,237 | 40,339 | 43,996 | 0 | 0 | 263 | 2,015,006 | 2,015,006 | |
| 7月 | 0 | 0 | 1,873,042 | 60,421 | 65,162 | 40,027 | 43,343 | 0 | 0 | 346 | 1,873,388 | 1,873,388 | |
| 8月 | 0 | 0 | 1,211,994 | 39,097 | 68,416 | 36,163 | 38,718 | 0 | 0 | 707 | 1,212,701 | 1,212,701 | |
| 9月 | 0 | 0 | 1,958,315 | 65,277 | 65,656 | 43,470 | 46,567 | 0 | 0 | 698 | 1,959,013 | 1,959,013 | |
| 10月 | 0 | 0 | 1,655,763 | 53,412 | 62,045 | 47,089 | 51,372 | 0 | 0 | 765 | 1,656,528 | 1,656,528 | |
| 11月 | 0 | 0 | 1,472,449 | 49,082 | 64,731 | 42,496 | 47,084 | 0 | 0 | 249 | 1,472,698 | 1,472,698 | |
| 12月 | 0 | 0 | 1,528,701 | 49,313 | 59,928 | 42,332 | 45,129 | 0 | 0 | 0 | 1,528,701 | 1,528,701 | |
| 1月 | 0 | 0 | 1,406,930 | 45,385 | 63,179 | 42,822 | 46,682 | 0 | 0 | 0 | 1,406,930 | 1,406,930 | |
| 2月 | 0 | 0 | 1,265,701 | 45,204 | 57,035 | 43,202 | 44,794 | 0 | 0 | 0 | 1,265,701 | 1,265,701 | |
| 3月 | 0 | 0 | 1,345,099 | 43,390 | 56,481 | 39,374 | 42,478 | 0 | 0 | 0 | 1,345,099 | 1,345,099 | |
| 年合計 | 0 | 0 | 18,922,904 | | | | | 0 | 0 | 3,028 | 18,925,932 | 18,925,932 | |
| 月平均 | 0 | 0 | 1,576,909 | | 年間最大 | 年間平均 | 年間最大 | 0 | 0 | 252 | 1,577,161 | 1,577,161 | |
| 日平均 | 0 | 0 | 51,844 | | 68,466 | 40,819 | 51,372 | 0 | 0 | 8 | 51,852 | 51,852 | |

| 単位 | 降雨量 | (場内循環水含む) | | | | | | | | | |
|-----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------|--------|
| | | 流入水量 | | 雨水ポンプ放出量 | 一次処理量 | 二次処理量 | | 晴天時処理量 | | | |
| | | 日平均 | 日最大 | | | 日平均 | 日最大 | 日平均 | 日最大 | | |
| mm | m ³ | m ³ | m ³ | m ³ | m ³ | m ³ | m ³ | m ³ | m ³ | | |
| 4月 | 221.5 | 1,774,150 | 59,138 | 76,100 | 0 | 0 | 1,774,150 | 59,138 | 76,100 | 55,002 | 57,020 |
| 5月 | 112.0 | 1,815,070 | 58,551 | 73,220 | 0 | 0 | 1,815,070 | 58,551 | 73,220 | 54,256 | 56,500 |
| 6月 | 369.5 | 1,848,840 | 61,628 | 70,700 | 0 | 0 | 1,848,840 | 61,628 | 70,700 | 55,544 | 58,860 |
| 7月 | 246.5 | 1,908,970 | 61,580 | 71,700 | 0 | 0 | 1,908,970 | 61,580 | 71,700 | 54,361 | 57,770 |
| 8月 | 64.0 | 1,608,310 | 51,881 | 75,940 | 0 | 0 | 1,608,310 | 51,881 | 75,940 | 50,284 | 54,260 |
| 9月 | 339.0 | 1,748,360 | 58,279 | 71,240 | 0 | 0 | 1,748,360 | 58,279 | 71,240 | 50,773 | 54,580 |
| 10月 | 115.0 | 1,806,780 | 58,283 | 69,720 | 0 | 0 | 1,806,780 | 58,283 | 69,720 | 54,670 | 59,250 |
| 11月 | 112.0 | 1,679,510 | 55,984 | 71,940 | 0 | 0 | 1,679,510 | 55,984 | 71,940 | 50,152 | 54,560 |
| 12月 | 111.5 | 1,714,740 | 55,314 | 66,960 | 0 | 0 | 1,714,740 | 55,314 | 66,960 | 49,718 | 51,930 |
| 1月 | 80.5 | 1,628,890 | 52,545 | 69,020 | 0 | 0 | 1,628,890 | 52,545 | 69,020 | 50,708 | 56,180 |
| 2月 | 64.0 | 1,441,420 | 51,479 | 63,240 | 0 | 0 | 1,441,420 | 51,479 | 63,240 | 49,885 | 51,680 |
| 3月 | 90.5 | 1,555,530 | 50,178 | 65,020 | 0 | 0 | 1,555,530 | 50,178 | 65,020 | 46,294 | 49,710 |
| 年合計 | 1,926.0 | 20,530,570 | | | 0 | 0 | 20,530,570 | | | | |
| 月平均 | 160.5 | 1,710,881 | | 年間最大 | 0 | 0 | 1,710,881 | | 年間最大 | 年間平均 | 年間最大 |
| 日平均 | 5.3 | 56,248 | | 76,100 | 0 | 0 | 56,248 | | 76,100 | 51,499 | 59,250 |

| 単位 | 沈砂池 | | 最初沈殿池 | | エアレーションタンク | | | | | 最終沈殿池 | | |
|-----|-------|----------------|---------|----------------|------------|------|----------------|-----------|----------------|---------|------|------|
| | し渣 | 沈砂 | 生汚泥量 | 沈殿時間 | 曝気風量 | | 曝気時間 | 返送汚泥 | | 余剰汚泥量 | | 沈殿時間 |
| | | | | | ×1,000 | 倍率 | | 返送率 | 発生率 | | | |
| t | t | m ³ | h | m ³ | 倍 | h | m ³ | % | m ³ | % | h | |
| 4月 | 1.15 | 5.55 | 39,205 | 2.60 | 7,549 | 4.30 | 7.30 | 708,880 | 40.00 | 20,793 | 1.20 | 4.10 |
| 5月 | 2.03 | 4.41 | 40,480 | 2.90 | 8,009 | 4.40 | 7.40 | 724,460 | 39.90 | 22,269 | 1.20 | 4.10 |
| 6月 | 1.16 | 7.84 | 39,130 | 2.10 | 6,741 | 3.60 | 7.00 | 738,730 | 40.00 | 18,276 | 1.00 | 3.90 |
| 7月 | 1.25 | 10.20 | 53,564 | 2.30 | 6,453 | 3.40 | 7.00 | 764,280 | 40.00 | 17,515 | 0.90 | 3.90 |
| 8月 | 1.30 | 0.85 | 68,598 | 3.30 | 7,910 | 4.90 | 8.30 | 645,220 | 40.10 | 20,795 | 1.30 | 4.60 |
| 9月 | 1.82 | 6.15 | 62,555 | 2.30 | 7,661 | 4.40 | 7.40 | 698,820 | 40.00 | 20,641 | 1.20 | 4.10 |
| 10月 | 0.92 | 3.54 | 45,863 | 2.80 | 8,751 | 4.80 | 7.40 | 722,680 | 40.00 | 19,382 | 1.10 | 4.10 |
| 11月 | 1.93 | 2.06 | 42,105 | 3.10 | 8,987 | 5.40 | 7.70 | 672,620 | 40.00 | 16,057 | 1.00 | 4.30 |
| 12月 | 1.49 | 3.53 | 43,241 | 3.00 | 9,225 | 5.40 | 7.80 | 719,370 | 42.00 | 13,008 | 0.80 | 4.30 |
| 1月 | 1.69 | 1.16 | 43,878 | 3.30 | 8,453 | 5.20 | 8.20 | 667,570 | 41.00 | 11,419 | 0.70 | 4.60 |
| 2月 | 1.02 | 2.40 | 39,883 | 3.30 | 7,049 | 4.90 | 8.40 | 586,190 | 40.70 | 13,142 | 0.90 | 4.70 |
| 3月 | 2.15 | 2.41 | 44,137 | 3.40 | 8,017 | 5.20 | 8.60 | 656,900 | 42.20 | 17,676 | 1.10 | 4.80 |
| 年合計 | 17.91 | 50.10 | 562,639 | | 94,805 | | | 8,305,720 | | 210,973 | | |
| 月平均 | 1.49 | 4.18 | 46,887 | 2.87 | 7,900 | 4.66 | 7.71 | 692,143 | 40.49 | 17,581 | 1.03 | 4.29 |
| 日平均 | 0.05 | 0.14 | 1,541 | | 260 | | | 22,755 | | 578 | | |

(2) 汚泥処理実績

| 単位 | 消毒槽 | | 重力濃縮施設 | | | | | | |
|-----|--------------|---------------|---------------------------------|-------------------------|---------|----------|---------|----------|----------|
| | 次亜使用量 | | 汚泥引抜量 | | | | 重力濃縮汚泥量 | | |
| | (塩素換算) kg | 塩素注入率 mg/l | 投入量 (初沈汚泥) m ³ | 余剰汚泥量 m ³ | 濃度 % | 固形分 t | 濃度 % | 固形分 t | |
| 4月 | 2,443.4 | 1.44 | 39,205 | 20,793 | 0.57 | 119.30 | 6,141 | 3.27 | 200.80 |
| 5月 | 1,882.3 | 1.26 | 40,480 | 22,269 | 0.57 | 127.70 | 6,432 | 3.27 | 210.30 |
| 6月 | 3,318.5 | 1.65 | 39,130 | 18,276 | 0.56 | 101.70 | 6,124 | 2.80 | 171.40 |
| 7月 | 2,810.8 | 1.50 | 53,564 | 17,515 | 0.53 | 92.20 | 6,201 | 2.40 | 148.80 |
| 8月 | 1,436.0 | 1.18 | 68,598 | 20,795 | 0.58 | 119.90 | 7,215 | 2.12 | 152.90 |
| 9月 | 3,084.0 | 1.57 | 62,555 | 20,641 | 0.56 | 114.70 | 8,240 | 1.73 | 142.50 |
| 10月 | 2,230.5 | 1.35 | 45,863 | 19,382 | 0.49 | 94.10 | 7,033 | 2.29 | 161.00 |
| 11月 | 1,907.5 | 1.30 | 42,105 | 16,057 | 0.55 | 88.20 | 5,975 | 2.53 | 151.10 |
| 12月 | 2,019.0 | 1.32 | 43,241 | 13,008 | 0.63 | 81.60 | 6,819 | 2.43 | 165.70 |
| 1月 | 1,798.8 | 1.28 | 43,878 | 11,419 | 0.81 | 92.80 | 8,096 | 2.03 | 164.30 |
| 2月 | 1,619.9 | 1.28 | 39,883 | 13,142 | 0.88 | 115.00 | 5,595 | 2.34 | 130.90 |
| 3月 | 1,521.7 | 1.13 | 44,137 | 17,676 | 0.76 | 134.60 | 5,863 | 3.02 | 177.00 |
| 年合計 | 26,072.4 | | 562,639 | 210,973 | | 1,281.80 | 79,734 | | 1,976.70 |
| 月平均 | 2,172.7 | 1.36 | 46,887 | 17,581 | 0.61 | 106.82 | 6,645 | 2.48 | 164.73 |
| 日平均 | 71.4 | | 1,541 | 578 | | 3.51 | 218 | | 5.42 |

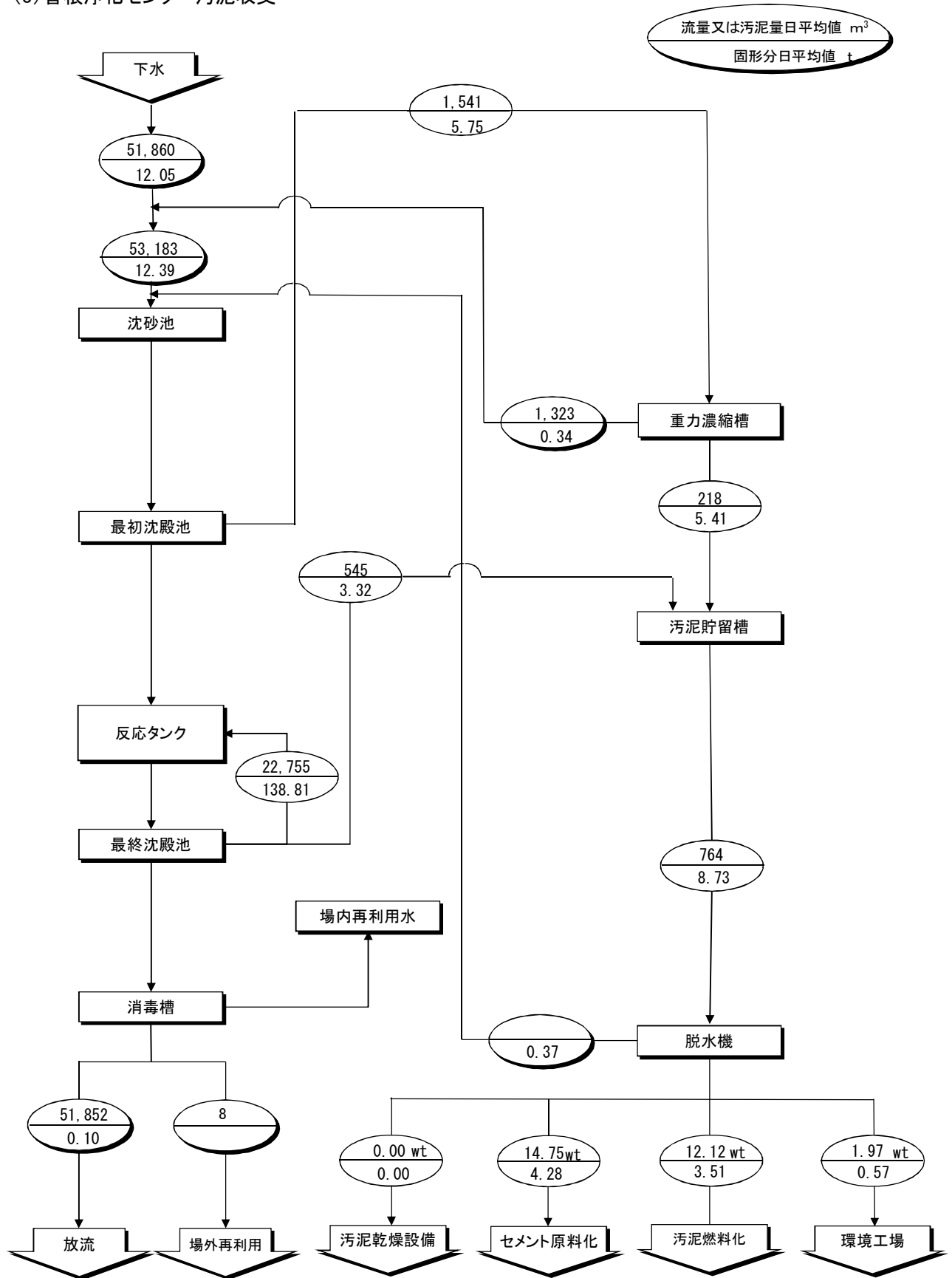
| 単位 | 混合濃縮汚泥量 | | | 脱水機投入 | | | | | | | | | セメント原料化搬出量 t |
|-----|----------------|---------|----------|-----------------------|--------------|----------|--------------|----------|-------------|----------|----------|----------|-----------------|
| | m ³ | 濃度 % | 固形分 t | 汚泥量 m ³ | ポリ鉄使用量 kg | 注入率 % | 凝集剤注入量 kg | 注入率 % | ケーキ発生量 t | 含水率 % | 固形分 t | | |
| 4月 | 26,934 | 1.19 | 320.10 | 25,908 | 32,225 | 10.88 | 881 | 0.30 | 1,022.89 | 71.04 | 296.27 | 184.71 | |
| 5月 | 28,701 | 1.18 | 338.00 | 27,178 | 34,454 | 12.64 | 933 | 0.34 | 963.73 | 71.72 | 272.63 | 862.57 | |
| 6月 | 24,400 | 1.12 | 273.10 | 23,562 | 29,059 | 11.52 | 777 | 0.31 | 861.05 | 70.71 | 252.22 | 181.75 | |
| 7月 | 23,716 | 1.02 | 241.00 | 22,835 | 30,021 | 11.79 | 714 | 0.28 | 810.88 | 68.61 | 254.60 | 321.10 | |
| 8月 | 28,010 | 0.97 | 272.80 | 26,980 | 43,747 | 17.30 | 854 | 0.34 | 831.08 | 69.58 | 252.85 | 697.39 | |
| 9月 | 28,881 | 0.89 | 257.20 | 27,523 | 34,972 | 14.03 | 793 | 0.32 | 822.84 | 69.71 | 249.24 | 107.65 | |
| 10月 | 26,415 | 0.97 | 255.10 | 25,340 | 26,018 | 10.71 | 720 | 0.30 | 804.29 | 69.80 | 242.93 | 591.18 | |
| 11月 | 22,032 | 1.09 | 239.30 | 20,921 | 24,004 | 10.50 | 683 | 0.30 | 802.55 | 71.52 | 228.58 | 415.89 | |
| 12月 | 19,827 | 1.25 | 247.30 | 18,785 | 20,955 | 8.76 | 671 | 0.28 | 835.80 | 71.37 | 239.33 | 349.31 | |
| 1月 | 19,515 | 1.32 | 257.10 | 18,559 | 19,695 | 8.27 | 657 | 0.28 | 843.26 | 71.77 | 238.10 | 574.87 | |
| 2月 | 18,737 | 1.31 | 245.90 | 18,170 | 23,204 | 9.44 | 699 | 0.28 | 897.49 | 72.63 | 245.71 | 521.10 | |
| 3月 | 23,539 | 1.32 | 311.60 | 23,055 | 29,486 | 10.50 | 767 | 0.27 | 1,031.99 | 72.81 | 280.69 | 577.27 | |
| 年合計 | 290,707 | | 3,258.50 | 278,816 | 347,840 | | 9,147 | | 10,527.85 | | 3,053.15 | 5,384.79 | |
| 月平均 | 24,226 | 1.12 | 271.54 | 23,235 | 28,987 | 10.67 | 762 | 0.30 | 877.32 | 71.00 | 254.43 | 448.73 | |
| 日平均 | 796 | | 8.93 | 764 | 953 | | 25 | | 28.84 | | 8.36 | 14.75 | |

| 単位 | 上水使用量 m ³ |
|-----|-------------------------|
| 4月 | 0 |
| 5月 | 367 |
| 6月 | 0 |
| 7月 | 407 |
| 8月 | 0 |
| 9月 | 464 |
| 10月 | 0 |
| 11月 | 403 |
| 12月 | 0 |
| 1月 | 355 |
| 2月 | 0 |
| 3月 | 426 |
| 年合計 | 2,422 |
| 月平均 | 202 |
| 日平均 | 7 |

| 電力総使用量 kWh |
|---------------|
| 547,656 |
| 572,136 |
| 553,920 |
| 557,599 |
| 569,882 |
| 554,306 |
| 591,629 |
| 569,275 |
| 598,894 |
| 588,425 |
| 499,637 |
| 546,593 |
| 6,749,952 |
| 562,496 |
| 18,493 |

| 汚泥燃料化搬出量 t | 環境工場搬出量 t |
|---------------|--------------|
| 799.25 | 38.93 |
| 84.58 | 16.58 |
| 679.30 | 0.00 |
| 275.36 | 214.42 |
| 2.83 | 130.86 |
| 715.19 | 0.00 |
| 213.11 | 0.00 |
| 300.64 | 86.02 |
| 446.65 | 39.84 |
| 200.09 | 68.30 |
| 250.48 | 125.91 |
| 454.72 | 0.00 |
| 4,422.20 | 720.86 |
| 368.52 | 60.07 |
| 12.12 | 1.97 |

(3) 曾根浄化センター汚泥収支



5 試験結果

(1) 水質試験

処理場流入水

| 項目 | 4/6 | 5/25 | 6/8 | 7/6 | 8/3 | 9/7 | 10/6 | 11/2 | 11/16 | 12/1 | 1/5 | 2/1 | 3/1 | 回数 | 最高 | 最低 | 平均 |
|-------------|------|------|------|------|------|------|------|------|-------|------|------|------|-----|------|------|------|-----|
| 水 | 18.8 | 21.6 | 21.8 | 24.7 | 25.9 | 26.2 | 24.8 | 22.3 | 21.3 | 18.3 | 17.2 | 17.3 | 12 | 26.2 | 17.2 | 21.7 | |
| 電気伝導率 | 897 | 764 | 959 | 636 | 754 | 970 | 698 | 914 | 903 | 777 | 706 | 881 | 753 | 13 | 970 | 636 | 816 |
| pH | 7.1 | 7.3 | 7.1 | 7.0 | 6.8 | 7.0 | 7.1 | 7.1 | 6.9 | 7.0 | 7.1 | 7.3 | 13 | 7.3 | 6.8 | 7.1 | |
| 蒸発性残留物質 | | | 815 | 716 | 524 | 583 | 753 | 583 | | | 664 | 484 | 4 | 815 | 664 | 737 | |
| 浮遊物質(SS) | 168 | 208 | 140 | 240 | 192 | 186 | 120 | 170 | 332 | 198 | 690 | 180 | 206 | 13 | 690 | 120 | 233 |
| 浮遊物質(SS)熱減量 | | | 430 | 320 | 396 | | 382 | 371 | | | 378 | 286 | 4 | 430 | 320 | 378 | |
| 強熱減量 | | | 385 | 396 | | | 371 | | | | 286 | | 4 | 396 | 286 | 360 | |
| BOD | 180 | 160 | 180 | 140 | 200 | 170 | 150 | 180 | 220 | 400 | 180 | 360 | 13 | 400 | 140 | 210 | |
| COD | 110 | 110 | 100 | 100 | 120 | 150 | 130 | 120 | 180 | 110 | 280 | 140 | 260 | 13 | 280 | 100 | 150 |
| 全窒素 | 4.1 | 3.2 | 3.5 | 3.0 | 3.6 | 3.9 | 2.4 | 4.0 | 4.1 | 3.5 | 5.2 | 4.0 | 4.0 | 13 | 5.2 | 2.4 | 3.7 |
| 全りん | 5.7 | 4.3 | 4.4 | 3.3 | 4.8 | 5.2 | 3.3 | 5.2 | 4.1 | 7.8 | 4.5 | 4.5 | 13 | 7.8 | 3.3 | 4.7 | |
| ヘキサン抽出物質 | | | 26 | | 14 | | | 16 | | | | 23 | 4 | 26 | 14 | 20 | |

最初沈殿池流入水

| 項目 | 4/6 | 5/25 | 6/8 | 7/6 | 8/3 | 9/7 | 10/6 | 11/2 | 12/1 | 1/5 | 2/1 | 3/1 | 回数 | 最高 | 最低 | 平均 |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|
| 水 | 18.7 | 21.5 | 21.9 | 23.7 | 25.9 | 26.0 | 24.8 | 22.7 | 20.8 | 18.5 | 16.9 | 17.2 | 12 | 26.0 | 16.9 | 21.6 |
| 電気伝導率 | 839 | 762 | 1010 | 799 | 864 | 1010 | 813 | 819 | 939 | 818 | 792 | 840 | 12 | 1010 | 762 | 859 |
| pH | 7.2 | 7.3 | 7.2 | 7.0 | 7.0 | 7.1 | 7.2 | 7.3 | 7.2 | 7.3 | 7.2 | | 12 | 7.3 | 7.0 | 7.2 |
| 蒸発性残留物質 | | | 786 | 688 | 585 | 510 | 437 | 585 | | | 569 | 439 | 4 | 786 | 569 | 657 |
| 浮遊物質(SS) | 158 | 172 | 106 | 190 | 178 | 192 | 118 | 148 | 136 | 254 | 130 | 198 | 12 | 254 | 106 | 165 |
| 浮遊物質(SS)熱減量 | | | 466 | 375 | 331 | | 354 | 311 | | | 311 | 4 | 466 | 311 | 371 | |
| 強熱減量 | | | 320 | 313 | 254 | | 258 | | | | 258 | 4 | 320 | 254 | 286 | |
| BOD | 230 | 120 | 130 | 150 | 150 | 170 | 120 | 140 | 150 | 210 | 140 | 150 | 12 | 230 | 120 | 160 |
| COD | 110 | 92 | 87 | 110 | 110 | 120 | 88 | 100 | 91 | 130 | 96 | 110 | 12 | 130 | 87 | 100 |
| 全窒素 | 3.7 | 3.3 | 3.2 | 3.6 | 3.5 | 4.0 | 2.6 | 3.7 | 3.3 | 4.3 | 3.6 | 3.7 | 12 | 4.3 | 2.6 | 3.5 |
| 全りん | 4.6 | 3.9 | 4.0 | 4.9 | 4.6 | 4.9 | 3.2 | 4.2 | 3.9 | 5.0 | 4.1 | 4.5 | 12 | 5.0 | 3.2 | 4.3 |

最初沈殿池流出水(1)

| 項目 | 4/6 | 4/20 | 5/11 | 5/25 | 6/8 | 6/22 | 7/6 | 7/20 | 8/3 | 8/17 | 9/7 | 9/21 | 10/6 | 10/19 | 11/2 | 11/16 | 12/1 | 12/14 | 1/5 | 1/18 | 2/1 | 2/15 | |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|------|-------|------|------|------|------|-----|
| 水 | 19.4 | 20.2 | 19.7 | 21.9 | 22.7 | 22.4 | 23.6 | 24.4 | 26.0 | 26.8 | 26.2 | 25.0 | 24.9 | 24.5 | 23.2 | 22.2 | 21.3 | 19.5 | 19.2 | 18.6 | 17.5 | 17.9 | |
| 電気伝導率 | 777 | 804 | 525 | 693 | 812 | 465 | 745 | 698 | 806 | 825 | 840 | 630 | 670 | 950 | 790 | 876 | 786 | 633 | 759 | 724 | 750 | 730 | |
| pH | 7.0 | 7.1 | 7.0 | 6.9 | 7.0 | 7.0 | 7.2 | 6.9 | 6.9 | 6.9 | 6.9 | 7.1 | 7.2 | 7.1 | 7.1 | 7.1 | 7.0 | 7.1 | 6.9 | 7.0 | 7.1 | 7.0 | |
| 蒸発性残留物質 | | | | 580 | 550 | | | | 515 | 475 | | | | | | 453 | | | | | | 445 | 410 |
| 浮遊物質(SS) | 37 | 42 | 31 | 35 | 30 | 40 | 34 | 47 | 40 | 49 | 43 | 49 | 28 | 38 | 39 | 40 | 37 | 42 | 54 | 40 | 35 | 39 | |
| 浮遊物質(SS)熱減量 | | | | 379 | 201 | | | | 359 | 156 | | | | | 338 | | | | | | | 309 | 136 |
| 強熱減量 | | | | 201 | | | | | | | | | | | 115 | | | | | | | | |
| BOD | 88 | 72 | 38 | 51 | 54 | 40 | 59 | 80 | 95 | 97 | 95 | 55 | 44 | 62 | 69 | 68 | 72 | 53 | 100 | 85 | 63 | 74 | |
| COD | 51 | 51 | 26 | 35 | 34 | 34 | 37 | 52 | 51 | 55 | 50 | 43 | 40 | 41 | 44 | 47 | 46 | 42 | 58 | 54 | 45 | 52 | |
| 全窒素 | 24 | 25 | 13 | 18 | 17 | 16 | 18 | 22 | 22 | 27 | 24 | 19 | 16 | 21 | 22 | 22 | 21 | 19 | 27 | 24 | 21 | 24 | |
| アンモニア性窒素 | 18 | 18 | 8.2 | 13 | 13 | 7.5 | 14 | 15 | 17 | 21 | 19 | 11 | 12 | 16 | 17 | 17 | 16 | 14 | 21 | 18 | 15 | 19 | |
| 亜硝酸性窒素 | ND | ND | 0.1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.1 | ND | ND | 0.2 | ND | |
| 硝酸性窒素 | ND | ND | 0.3 | ND | ND | 0.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.1 | ND | ND | 0.2 | ND | ND | 0.6 | |
| 全りん | 2.6 | 2.6 | 1.3 | 1.9 | 1.9 | 1.6 | 2.1 | 2.6 | 2.8 | 3.2 | 2.9 | 2.0 | 1.6 | 2.2 | 2.2 | 2.2 | 2.1 | 2.0 | 3.1 | 2.6 | 2.1 | 2.5 | |
| 全窒素 | 15 | 13 | 2 | 7 | 6 | 1 | 9 | 14 | 24 | 22 | 21 | 9 | 4 | 11 | 12 | 7 | 10 | 3 | 16 | 14 | 6 | 11 | |

最初沈殿池流出水(2)

| 項目 | 3/1 | 3/16 | 回数 | 最高 | 最低 | 平均 |
|-------------|------|------|----|------|------|------|
| 水 | 18.1 | 18.8 | 24 | 26.8 | 17.5 | 21.8 |
| 電気伝導率 | 852 | 793 | 24 | 950 | 465 | 747 |
| pH | 7.0 | 6.9 | 24 | 7.2 | 6.9 | 7.0 |
| 蒸発性残留物質 | | | 4 | 580 | 445 | 498 |
| 浮遊物質(SS) | 43 | 45 | 24 | 54 | 28 | 40 |
| 浮遊物質(SS)熱減量 | | | 4 | 379 | 309 | 346 |
| 強熱減量 | | | 4 | 201 | 115 | 152 |
| BOD | 83 | 98 | 24 | 100 | 38 | 71 |
| COD | 54 | 58 | 24 | 58 | 26 | 46 |
| 全窒素 | 24 | 26 | 24 | 27 | 13 | 21 |
| アンモニア性窒素 | 18 | 20 | 24 | 21 | 7.5 | 16 |
| 亜硝酸性窒素 | ND | ND | 24 | 0.2 | ND | ND |
| 硝酸性窒素 | 0.2 | ND | 24 | 0.7 | ND | ND |
| 全りん | 2.5 | 3.0 | 24 | 3.2 | 1.3 | 2.3 |
| 全窒素 | 11 | 20 | 24 | 24 | ND | 11 |

1系反応槽混合液(1)

| 項目 | 4/6 | 4/13 | 4/20 | 4/27 | 5/11 | 5/18 | 5/25 | 6/1 | 6/8 | 6/15 | 6/22 | 6/29 | 7/6 | 7/14 | 7/20 | 7/27 | 8/3 | 8/10 | 8/17 | 8/24 | 8/31 | 9/7 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 水 | 19.8 | 20.1 | 20.7 | 20.8 | 20.6 | 21.3 | 22.8 | 22.9 | 22.7 | 23.7 | 23.1 | 23.1 | 24.4 | 24.0 | 25.1 | 25.9 | 26.8 | 27.2 | 27.6 | 28.0 | 26.8 | 26.9 |
| pH | 6.5 | 6.6 | 6.6 | 6.5 | 6.6 | 6.6 | 6.4 | 6.5 | 6.7 | 6.6 | 6.6 | 6.6 | 6.6 | 6.8 | 6.5 | 6.5 | 6.6 | 6.5 | 6.5 | 6.5 | 6.7 | 6.7 |
| 浮遊物質(SS) | 1,590 | 1,640 | 1,670 | 1,650 | 1,520 | 1,620 | 1,700 | 1,760 | 1,750 | 1,880 | 1,710 | 1,360 | 1,470 | 1,440 | 1,690 | 1,960 | 2,170 | 2,000 | 1,920 | 1,990 | 1,880 | 1,830 |
| 有機性浮遊物質 | 83 | 82 | 82 | 82 | 82 | 81 | 81 | 83 | 82 | 81 | 82 | 83 | 84 | 83 | 82 | 83 | 82 | 82 | 82 | 82 | 81 | 82 |
| 溶存酸素(DO) | 0.5 | 0.4 | 0.2 | 1.5 | 3.6 | 0.6 | 2.5 | 1.5 | 3.7 | 3.2 | 4.2 | 4.2 | 4.6 | 5.1 | 3.0 | 3.0 | 3.3 | 0.4 | 1.0 | 2.1 | 2.0 | 1.6 |
| S V | 35 | 46 | 40 | 42 | 27 | 24 | 18 | 17 | 15 | 18 | 20 | 21 | 24 | 26 | 27 | 33 | 36 | 33 | 29 | 28 | 38 | 36 |
| S V I | 220 | 280 | 240 | 250 | 180 | 150 | 110 | 97 | 86 | 96 | 120 | 150 | 160 | 180 | 160 | 170 | 170 | 170 | 150 | 140 | 200 | 200 |

1系反応槽混合液(2)

| 項目 | 9/15 | 9/21 | 9/28 | 10/6 | 10/12 | 10/19 | 10/26 | 11/2 | 11/9 | 11/16 | 11/24 | 12/1 | 12/7 | 12/14 | 12/21 | 1/5 | 1/11 | 1/18 | 1/25 | 2/1 | 2/8 | 2/15 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 水 | 26.4 | 25.5 | 26.2 | 25.8 | 25.1 | 25.0 | 24.6 | 23.8 | 23.4 | 22.8 | 22.6 | 21.8 | 21.6 | 20.5 | 20.6 | 19.7 | 19.1 | 18.8 | 18.2 | 18.3 | 18.5 | 18.1 |
| pH | 6.6 | 6.7 | 6.6 | 6.7 | 6.7 | 6.7 | 6.5 | 6.7 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.4 | 6.5 | 6.3 | 6.5 | 6.3 | 6.4 | 6.4 |
| 浮遊物質(SS) | 1,790 | 1,520 | 1,750 | 1,520 | 1,490 | 1,600 | 1,690 | 1,760 | 1,830 | 1,780 | 1,830 | 1,890 | 1,940 | 2,130 | 2,140 | 2,050 | 2,080 | 2,090 | 2,200 | 2,350 | 2,200 | 2,200 |
| 有機性浮遊物質 | 82 | 82 | 82 | 83 | 81 | 81 | 81 | 82 | 81 | 80 | 81 | 82 | 82 | 82 | 82 | 84 | 84 | 84 | 84 | 83 | 83 | 83 |
| 溶存酸素(DO) | 2.7 | 0.8 | 2.3 | 1.3 | 1.2 | 0.8 | 0.2 | 0.7 | 0.4 | 1.7 | 0.3 | 0.2 | 0.5 | 1.9 | 0.8 | 0.6 | 1.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| S V | 35 | 27 | 25 | 25 | 25 | 24 | 23 | 22 | 18 | 18 | 20 | 20 | 22 | 23 | 22 | 23 | 22 | 22 | 22 | 25 | 28 | 30 |
| S V I | 200 | 180 | 140 | 160 | 170 | 160 | 140 | 130 | 120 | 100 | 98 | 110 | 100 | 100 | 110 | 110 | 96 | 110 | 100 | 110 | 130 | 140 |

1系反応槽混合液(3)

| 項目 | 2/22 | 3/1 | 3/8 | 3/16 | 3/22 | 3/29 | 回数 | 最高 | 最低 | 平均 |
|----|------|-----|-----|------|------|------|----|----|----|----|
| 水 | 18.5 | | | | | | | | | |

1系返送汚泥(1)

| 項目 | 4/6 | 4/13 | 4/20 | 4/27 | 5/11 | 5/18 | 5/25 | 6/1 | 6/8 | 6/15 | 6/22 | 6/29 | 7/6 | 7/14 | 7/20 | 7/27 | 8/3 | 8/10 | 8/17 | 8/24 | 8/31 | 9/7 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 水 温 | 19.7 | 20.0 | 20.3 | 20.9 | 20.7 | 21.2 | 22.9 | 23.0 | 22.8 | 23.7 | 23.3 | 23.2 | 24.4 | 24.4 | 25.2 | 26.0 | 26.8 | 27.4 | 27.7 | 28.0 | 26.8 | 27.0 |
| pH | 6.5 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.6 | 6.6 | 6.6 | 6.6 | 6.7 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.6 | 6.6 | 6.6 |
| 浮遊物質(SS) | 5,040 | 4,680 | 6,380 | 3,860 | 5,020 | 6,040 | 5,280 | 6,700 | 5,420 | 7,660 | 5,940 | 4,580 | 5,500 | 4,600 | 5,280 | 5,560 | 6,540 | 6,120 | 5,980 | 5,360 | 5,120 | 4,620 |
| 有機性浮遊物質 | 83 | 82 | 82 | 82 | 82 | 81 | 81 | 83 | 82 | 81 | 82 | 83 | 84 | 83 | 82 | 83 | 82 | 82 | 82 | 81 | 82 | 82 |
| S V | 98 | 98 | 100 | 90 | 94 | 93 | 89 | 98 | 68 | 92 | 90 | 91 | 97 | 91 | 95 | 95 | 100 | 99 | 99 | 93 | 94 | 91 |
| S V I | 190 | 210 | 210 | 230 | 190 | 190 | 170 | 150 | 130 | 120 | 150 | 200 | 180 | 180 | 180 | 170 | 150 | 150 | 170 | 180 | 170 | 200 |

1系返送汚泥(2)

| 項目 | 9/15 | 9/21 | 9/28 | 10/6 | 10/12 | 10/19 | 10/26 | 11/2 | 11/9 | 11/16 | 11/24 | 12/1 | 12/7 | 12/14 | 12/21 | 1/5 | 1/11 | 1/18 | 1/25 | 2/1 | 2/8 | 2/15 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 水 温 | 26.5 | 25.6 | 26.4 | 25.6 | 25.1 | 25.0 | 24.7 | 23.8 | 23.3 | 22.6 | 22.6 | 21.7 | 21.3 | 20.5 | 20.6 | 19.6 | 19.1 | 18.8 | 18.0 | 18.1 | 18.2 | 17.8 |
| pH | 6.6 | 6.7 | 6.6 | 6.6 | 6.7 | 6.6 | 6.6 | 6.7 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.6 | 6.5 | 6.5 | 6.5 | 6.4 | 6.5 | 6.4 | 6.5 | 6.5 |
| 浮遊物質(SS) | 5,800 | 4,520 | 6,000 | 4,360 | 3,880 | 4,760 | 5,480 | 5,480 | 5,260 | 4,280 | 5,060 | 6,060 | 5,900 | 6,540 | 6,240 | 7,060 | 7,580 | 7,200 | 8,340 | 7,200 | 8,340 | 7,200 |
| 有機性浮遊物質 | 82 | 82 | 82 | 83 | 81 | 81 | 81 | 82 | 81 | 80 | 81 | 82 | 82 | 82 | 82 | 84 | 84 | 84 | 83 | 83 | 83 | 83 |
| S V | 98 | 89 | 98 | 91 | 87 | 91 | 94 | 90 | 87 | 74 | 81 | 91 | 88 | 80 | 88 | 94 | 92 | 96 | 93 | 95 | 96 | 98 |
| S V I | 170 | 200 | 160 | 210 | 220 | 190 | 170 | 160 | 170 | 170 | 160 | 150 | 150 | 150 | 130 | 150 | 130 | 130 | 130 | 110 | 130 | 120 |

1系返送汚泥(3)

| 項目 | 2/22 | 3/1 | 3/8 | 3/16 | 3/22 | 3/29 | 回数 | 最高 | 最低 | 平均 |
|----------|-------|-------|-------|-------|-------|-------|----|-------|-------|-------|
| 水 温 | 18.3 | 18.3 | 18.3 | 18.9 | 18.2 | 18.6 | 50 | 28.0 | 17.8 | 22.4 |
| pH | 6.6 | 6.4 | 6.5 | 6.5 | 6.4 | 6.4 | 50 | 6.7 | 6.4 | 6.6 |
| 浮遊物質(SS) | 7,240 | 8,020 | 7,520 | 7,520 | 7,260 | 4,720 | 50 | 8,340 | 3,860 | 5,880 |
| 有機性浮遊物質 | 83 | 83 | 83 | 84 | 85 | 83 | 50 | 85 | 80 | 82 |
| S V | 97 | 99 | 99 | 99 | 100 | 96 | 50 | 100 | 68 | 93 |
| S V I | 130 | 120 | 130 | 130 | 140 | 200 | 50 | 230 | 110 | 160 |

2系反応槽混合液(1)

| 項目 | 4/6 | 4/13 | 4/20 | 4/27 | 5/11 | 5/18 | 5/25 | 6/1 | 6/8 | 6/15 | 6/22 | 6/29 | 7/6 | 7/14 | 7/20 | 7/27 | 8/3 | 8/10 | 8/17 | 8/24 | 8/31 | 9/7 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 水 温 | 19.7 | 20.0 | 20.6 | 20.8 | 20.6 | 21.2 | 22.7 | 22.9 | 22.7 | 23.7 | 23.1 | 23.0 | 24.4 | 24.0 | 25.0 | 25.9 | 26.7 | 27.2 | 27.6 | 27.8 | 26.7 | 26.9 |
| pH | 6.5 | 6.6 | 6.5 | 6.5 | 6.6 | 6.7 | 6.4 | 6.5 | 6.7 | 6.6 | 6.7 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.6 | 6.7 | 6.7 |
| 浮遊物質(SS) | 1,680 | 1,690 | 1,700 | 1,760 | 1,460 | 1,490 | 1,500 | 1,550 | 1,560 | 1,650 | 1,510 | 1,410 | 1,490 | 1,420 | 1,550 | 1,630 | 1,910 | 1,810 | 1,690 | 1,810 | 1,760 | 1,780 |
| 有機性浮遊物質 | 83 | 82 | 82 | 82 | 82 | 82 | 80 | 83 | 82 | 81 | 82 | 83 | 83 | 81 | 82 | 83 | 82 | 82 | 80 | 81 | 82 | 82 |
| 溶存酸素(DO) | 1.6 | 0.8 | 1.0 | 2.7 | 2.6 | 0.5 | 1.5 | 0.3 | 3.5 | 3.9 | 5.9 | 5.8 | 3.7 | 7.3 | 2.9 | 3.0 | 3.5 | 0.8 | 2.3 | 3.3 | 2.0 | 2.6 |
| S V | 30 | 38 | 50 | 55 | 30 | 32 | 20 | 18 | 16 | 20 | 29 | 28 | 28 | 26 | 26 | 27 | 29 | 24 | 25 | 29 | 41 | 39 |
| S V I | 180 | 220 | 300 | 310 | 210 | 210 | 130 | 120 | 100 | 120 | 190 | 200 | 190 | 180 | 170 | 170 | 150 | 150 | 150 | 160 | 230 | 220 |

2系反応槽混合液(2)

| 項目 | 9/15 | 9/21 | 9/28 | 10/6 | 10/12 | 10/19 | 10/26 | 11/2 | 11/9 | 11/16 | 11/24 | 12/1 | 12/7 | 12/14 | 12/21 | 1/5 | 1/11 | 1/18 | 1/25 | 2/1 | 2/8 | 2/15 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 水 温 | 26.4 | 25.5 | 26.3 | 25.6 | 25.1 | 25.0 | 24.7 | 24.0 | 23.5 | 22.8 | 22.7 | 21.8 | 21.6 | 20.7 | 20.6 | 19.7 | 19.1 | 18.9 | 18.5 | 18.3 | 18.4 | 18.1 |
| pH | 6.6 | 6.7 | 6.5 | 6.7 | 6.8 | 6.7 | 6.6 | 6.7 | 6.6 | 6.7 | 6.5 | 6.6 | 6.5 | 6.5 | 6.4 | 6.3 | 6.5 | 6.5 | 6.4 | 6.4 | 6.3 | 6.4 |
| 浮遊物質(SS) | 1,710 | 1,520 | 1,790 | 1,520 | 1,430 | 1,620 | 1,550 | 1,630 | 1,760 | 1,670 | 1,770 | 1,920 | 1,940 | 2,500 | 2,330 | 2,710 | 2,860 | 3,010 | 3,070 | 3,050 | 2,640 | 2,490 |
| 有機性浮遊物質 | 82 | 82 | 82 | 83 | 81 | 81 | 80 | 81 | 81 | 81 | 81 | 82 | 82 | 83 | 83 | 85 | 84 | 84 | 84 | 83 | 83 | 82 |
| 溶存酸素(DO) | 3.0 | 2.7 | 3.2 | 1.7 | 3.3 | 2.8 | 0.5 | 2.1 | 2.1 | 3.2 | 2.2 | 2.5 | 2.2 | 2.2 | 0.8 | 2.6 | 1.5 | 0.2 | 0.1 | 1.2 | 0.2 | 0.1 |
| S V | 38 | 26 | 28 | 25 | 27 | 25 | 22 | 22 | 22 | 20 | 18 | 18 | 15 | 16 | 14 | 14 | 14 | 16 | 17 | 18 | 18 | 19 |
| S V I | 220 | 170 | 160 | 160 | 190 | 150 | 140 | 130 | 130 | 110 | 100 | 94 | 77 | 64 | 60 | 52 | 49 | 53 | 55 | 59 | 68 | 76 |

2系反応槽混合液(3)

| 項目 | 2/22 | 3/1 | 3/8 | 3/16 | 3/22 | 3/29 | 回数 | 最高 | 最低 | 平均 |
|----------|-------|-------|-------|-------|-------|-------|----|-------|-------|-------|
| 水 温 | 18.5 | 18.4 | 18.4 | 19.2 | 18.5 | 18.7 | 50 | 27.8 | 18.1 | 22.4 |
| pH | 6.5 | 6.3 | 6.4 | 6.6 | 6.4 | 6.4 | 50 | 6.8 | 6.3 | 6.6 |
| 浮遊物質(SS) | 2,310 | 2,320 | 2,380 | 2,110 | 2,040 | 1,970 | 50 | 3,070 | 1,410 | 1,910 |
| 有機性浮遊物質 | 83 | 83 | 83 | 83 | 84 | 83 | 50 | 85 | 80 | 82 |
| 溶存酸素(DO) | 0.2 | 0.2 | 0.2 | 0.2 | 1.7 | 1.7 | 50 | 7.3 | 0.1 | 2.1 |
| S V | 21 | 24 | 28 | 24 | 25 | 35 | 50 | 55 | 14 | 25 |
| S V I | 91 | 100 | 120 | 110 | 120 | 180 | 50 | 310 | 49 | 140 |

2系返送汚泥(1)

| 項目 | 4/6 | 4/13 | 4/20 | 4/27 | 5/11 | 5/18 | 5/25 | 6/1 | 6/8 | 6/15 | 6/22 | 6/29 | 7/6 | 7/14 | 7/20 | 7/27 | 8/3 | 8/10 | 8/17 | 8/24 | 8/31 | 9/7 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 水 温 | 19.7 | 20.0 | 20.5 | 20.9 | 20.7 | 21.2 | 22.8 | 22.9 | 22.8 | 23.6 | 23.3 | 23.1 | 24.4 | 24.3 | 25.1 | 26.0 | 26.7 | 27.2 | 27.7 | 27.9 | 26.8 | 27.0 |
| pH | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 | 6.6 | 6.5 | 6.5 | 6.5 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.6 | 6.6 | 6.6 |
| 浮遊物質(SS) | 6,660 | 5,380 | 5,340 | 4,820 | 4,380 | 5,380 | 5,260 | 5,060 | 4,800 | 5,620 | 5,280 | 4,440 | 5,820 | 5,040 | 4,700 | 4,520 | 6,120 | 5,980 | 4,820 | 5,000 | 5,600 | 5,480 |
| 有機性浮遊物質 | 83 | 82 | 82 | 82 | 82 | 82 | 80 | 83 | 82 | 81 | 82 | 83 | 83 | 81 | 82 | 83 | 82 | 82 | 80 | 81 | 82 | 82 |
| S V | 98 | 96 | 100 | 95 | 94 | 94 | 97 | 85 | 76 | 88 | 95 | 92 | 97 | 93 | 92 | 89 | 97 | 96 | 91 | 93 | 97 | 99 |
| S V I | 150 | 180 | 190 | 200 | 210 | 170 | 180 | 170 | 160 | 160 | 180 | 210 | 170 | 180 | 200 | 200 | 160 | 160 | 190 | 170 | 180 | 180 |

2系返送汚泥(2)

| 項目 | 9/15 | 9/21 | 9/28 | 10/6 | 10/12 | 10/19 | 10/26 | 11/2 | 11/9 | 11/16 | 11/24 | 12/1 | 12/7 | 12/14 | 12/21 | 1/5 | 1/11 | 1/18 | 1/25 | 2/1 | 2/8 | 2/15 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|
| 水 温 | 26.4 | 25.6 | 26.4 | 25.6 | 25.0 | 25.0 | 24.7 | 23.8 | 23.3 | 22.6 | 22.5 | 21.6 | 21.3 | 20.5 | 20.6 | 19.6 | 19.0 | 18.7 | 18.0 | 18.0 | 18.3 | 17.9 |
| pH | 6.6 | 6.6 | 6.6 | 6.5 | 6.7 | 6.6 | 6.6 | 6.7 | 6.6 | 6.6 | 6.5 | 6.6 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.4 | 6.4 | 6.5 |
| 浮遊物質(SS) | 5,620 | 5,080 | 5,240 | 4,760 | 4,620 | 4,760 | 5,220 | 5,200 | 4,800 | 4,680 | 6,040 | 5,260 | 5,400 | 6,480 | 6,160 | 9,880 | 8,200 | 11,100 | 10,830 | 10,200 | 8,300 | 7,380 |
| 有機性浮遊物質 | 82 | 82 | 82 | 83 | 81 | 81 | 80 | 81 | 81 | 81 | 81 | 82 | 82 | 83 | 83 | 85 | 85 | 84 | 84 | 84 | 83 | 82 |
| S V | 97 | 92 | 94 | 92 | 90 | 90 | 93 | 90 | 86 | 86 | 90 | 74 | 59 | 61 | 43 | 85 | 55 | 83 | 78 | 84 | 82 | 79 |
| S V I | 170 | 180 | 180 | 190 | 210 | 190 | 180 | 170 | 180 | 180 | 160 | 140 | 110 | 94 | 70 | 86 | 67 | 75 | 78 | 82 | 99 | 110 |

2系返送汚泥(3)

| 項目 | 2/22 | 3/1 | 3/8 | 3/16 | 3/22 | 3/29 | 回数 | 最高 | 最低 | 平均 |
|-----|------|------|------|------|------|------|----|------|------|------|
| 水 温 | 18.3 | 18.3 | 18.3 | 19.0 | 18.2 | 18.6 | 50 | 27.9 | 17.9 | 22.4 |
| pH | 6.6 | | | | | | | | | |

3系反応槽混合液(3)

| 項目 | 2/22 | 3/1 | 3/8 | 3/16 | 3/22 | 3/29 | 回数 | 最高 | 最低 | 平均 |
|-----------|-------|-------|-------|-------|-------|-------|----|-------|-------|-------|
| 水 | 18.4 | 18.3 | 18.5 | 19.1 | 18.4 | 18.6 | 50 | 27.8 | 18.1 | 22.4 |
| pH | 6.3 | 6.3 | 6.2 | 6.2 | 6.4 | 6.3 | 50 | 6.8 | 6.2 | 6.5 |
| 浮遊物質(SS) | 2,990 | 2,800 | 2,720 | 2,530 | 2,450 | 2,470 | 50 | 3,250 | 1,310 | 1,930 |
| 有機性浮遊物質 | 83 | 83 | 83 | 82 | 83 | 83 | 50 | 85 | 80 | 82 |
| 溶存酸素(D.O) | 2.1 | 2.0 | 0.5 | 1.0 | 1.6 | 2.4 | 50 | 6.0 | 0.5 | 2.4 |
| S V | 18 | 18 | 17 | 18 | 19 | 20 | 50 | 39 | 10 | 21 |
| S V I | 60 | 64 | 63 | 71 | 78 | 81 | 50 | 220 | 48 | 120 |

3系返送汚泥(1)

| 項目 | 4/6 | 4/13 | 4/20 | 4/27 | 5/11 | 5/18 | 5/25 | 6/1 | 6/8 | 6/15 | 6/22 | 6/29 | 7/6 | 7/14 | 7/20 | 7/27 | 8/3 | 8/10 | 8/17 | 8/24 | 8/31 | 9/7 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 水 | 19.7 | 20.0 | 20.5 | 20.9 | 20.7 | 21.2 | 22.8 | 22.9 | 22.7 | 23.6 | 23.3 | 23.1 | 24.4 | 24.3 | 25.1 | 26.0 | 26.7 | 27.2 | 27.7 | 27.9 | 26.8 | 27.0 |
| pH | 6.5 | 6.6 | 6.6 | 6.6 | 6.5 | 6.6 | 6.5 | 6.5 | 6.5 | 6.6 | 6.6 | 6.7 | 6.6 | 6.7 | 6.6 | 6.6 | 6.5 | 6.5 | 6.6 | 6.6 | 6.6 | 6.6 |
| 浮遊物質(SS) | 5,300 | 6,520 | 6,040 | 5,260 | 5,540 | 5,280 | 5,860 | 5,220 | 4,760 | 5,300 | 4,420 | 5,160 | 4,280 | 5,020 | 4,460 | 6,000 | 5,340 | 4,420 | 5,620 | 4,540 | 6,160 | 6,160 |
| 有機性浮遊物質 | 82 | 82 | 82 | 83 | 84 | 81 | 82 | 83 | 82 | 82 | 82 | 83 | 84 | 81 | 82 | 81 | 82 | 82 | 80 | 82 | 81 | 81 |
| S V | 90 | 97 | 98 | 95 | 96 | 91 | 95 | 90 | 89 | 86 | 93 | 91 | 94 | 90 | 93 | 89 | 98 | 91 | 85 | 93 | 88 | 96 |
| S V I | 170 | 150 | 150 | 180 | 170 | 170 | 180 | 150 | 170 | 180 | 180 | 210 | 180 | 210 | 190 | 200 | 160 | 160 | 190 | 170 | 190 | 160 |

3系返送汚泥(2)

| 項目 | 9/15 | 9/21 | 9/28 | 10/6 | 10/12 | 10/19 | 10/26 | 11/2 | 11/9 | 11/16 | 11/24 | 12/1 | 12/7 | 12/14 | 12/21 | 1/5 | 1/11 | 1/18 | 1/25 | 2/1 | 2/8 | 2/15 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 水 | 26.4 | 25.6 | 26.3 | 25.6 | 25.0 | 25.0 | 24.7 | 23.8 | 23.3 | 22.7 | 22.5 | 21.6 | 21.4 | 20.5 | 20.6 | 19.6 | 19.1 | 18.8 | 18.1 | 18.1 | 18.3 | 17.9 |
| pH | 6.7 | 6.7 | 6.6 | 6.7 | 6.8 | 6.6 | 6.5 | 6.6 | 6.5 | 6.6 | 6.5 | 6.6 | 6.6 | 6.5 | 6.5 | 6.4 | 6.5 | 6.4 | 6.5 | 6.4 | 6.4 | 6.5 |
| 浮遊物質(SS) | 4,860 | 3,340 | 5,400 | 4,160 | 4,460 | 4,240 | 4,340 | 4,620 | 5,000 | 5,660 | 6,220 | 5,040 | 5,420 | 6,900 | 6,300 | 7,940 | 5,940 | 6,540 | 10,300 | 10,200 | 10,200 | 10,700 |
| 有機性浮遊物質 | 82 | 82 | 82 | 83 | 82 | 81 | 82 | 82 | 82 | 82 | 81 | 82 | 82 | 82 | 83 | 85 | 85 | 85 | 85 | 84 | 83 | 84 |
| S V | 88 | 80 | 94 | 79 | 82 | 80 | 82 | 24 | 82 | 87 | 61 | 55 | 66 | 72 | 82 | 99 | 80 | 75 | 87 | 82 | 83 | 87 |
| S V I | 180 | 240 | 170 | 190 | 180 | 94 | 67 | 52 | 56 | 65 | 98 | 110 | 120 | 120 | 130 | 120 | 130 | 110 | 84 | 80 | 81 | 81 |

3系返送汚泥(3)

| 項目 | 2/22 | 3/1 | 3/8 | 3/16 | 3/22 | 3/29 | 回数 | 最高 | 最低 | 平均 |
|-----------|-------|-------|-------|-------|-------|-------|----|--------|-------|-------|
| 水 | 18.3 | 18.3 | 18.3 | 19.0 | 18.2 | 18.6 | 50 | 27.9 | 17.9 | 22.4 |
| pH | 6.5 | 6.4 | 6.4 | 6.5 | 6.5 | 6.3 | 50 | 6.8 | 6.3 | 6.5 |
| 浮遊物質(SS) | 8,180 | 8,900 | 9,280 | 6,020 | 7,280 | 6,980 | 50 | 10,700 | 3,340 | 5,980 |
| 有機性浮遊物質 | 83 | 83 | 83 | 82 | 83 | 83 | 50 | 85 | 80 | 82 |
| 溶存酸素(D.O) | 7.3 | 8.0 | 8.3 | 6.0 | 8.0 | 8.2 | 50 | 9.9 | 2.4 | 8.0 |
| S V | 89 | 90 | 89 | 100 | 110 | 120 | 50 | 240 | 52 | 140 |
| S V I | 89 | 90 | 89 | 100 | 110 | 120 | 50 | 240 | 52 | 140 |

4系反応槽混合液(1)

| 項目 | 4/6 | 4/13 | 4/20 | 4/27 | 5/11 | 5/18 | 5/25 | 6/1 | 6/8 | 6/15 | 6/22 | 6/29 | 7/6 | 7/14 | 7/20 | 7/27 | 8/3 | 8/10 | 8/17 | 8/24 | 8/31 | 9/7 |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 水 | 19.6 | 19.9 | 20.4 | 20.8 | 20.6 | 21.1 | 22.7 | 22.8 | 22.7 | 23.6 | 23.1 | 23.0 | 24.3 | 24.1 | 25.0 | 25.8 | 26.6 | 27.1 | 27.6 | 27.8 | 26.8 | 26.9 |
| pH | 6.5 | 6.5 | 6.5 | 6.5 | 6.6 | 6.6 | 6.6 | 6.5 | 6.6 | 6.5 | 6.7 | 6.7 | 6.5 | 6.8 | 6.6 | 6.6 | 6.5 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 |
| 浮遊物質(SS) | 1,680 | 1,650 | 1,580 | 1,690 | 1,640 | 1,600 | 1,650 | 1,620 | 1,540 | 1,690 | 1,580 | 1,430 | 1,510 | 1,430 | 1,560 | 1,640 | 1,930 | 1,800 | 1,730 | 1,780 | 1,790 | 1,790 |
| 有機性浮遊物質 | 83 | 82 | 81 | 82 | 82 | 81 | 81 | 83 | 82 | 81 | 80 | 80 | 81 | 79 | 81 | 81 | 82 | 82 | 82 | 81 | 81 | 82 |
| 溶存酸素(D.O) | 1.1 | 1.4 | 0.2 | 4.7 | 4.4 | 1.3 | 2.5 | 1.0 | 4.5 | 4.2 | 6.3 | 6.1 | 2.7 | 7.6 | 4.3 | 3.6 | 2.4 | 1.3 | 3.3 | 2.8 | 1.2 | 3.1 |
| S V | 21 | 22 | 24 | 28 | 30 | 26 | 25 | 20 | 18 | 20 | 21 | 20 | 22 | 21 | 20 | 21 | 26 | 2.4 | 2.6 | 2.5 | 2.5 | 2.7 |
| S V I | 130 | 130 | 150 | 170 | 180 | 160 | 150 | 120 | 120 | 120 | 130 | 140 | 150 | 150 | 130 | 130 | 130 | 130 | 140 | 140 | 160 | 150 |

4系反応槽混合液(2)

| 項目 | 9/15 | 9/21 | 9/28 | 10/6 | 10/12 | 10/19 | 10/26 | 11/2 | 11/9 | 11/16 | 11/24 | 12/1 | 12/7 | 12/14 | 12/21 | 1/5 | 1/11 | 1/18 | 1/25 | 2/1 | 2/8 | 2/15 |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 水 | 26.4 | 25.5 | 26.2 | 25.5 | 25.1 | 25.0 | 24.7 | 23.9 | 23.4 | 22.7 | 22.6 | 21.7 | 21.5 | 20.7 | 20.5 | 19.6 | 19.1 | 18.7 | 18.2 | 18.1 | 18.3 | 18.0 |
| pH | 6.6 | 6.7 | 6.6 | 6.7 | 6.8 | 6.7 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.4 | 6.6 | 6.5 | 6.4 | 6.5 | 6.5 | 6.5 | 6.4 | 6.4 | 6.3 | 6.4 |
| 浮遊物質(SS) | 1,710 | 1,650 | 1,810 | 1,540 | 1,500 | 1,590 | 1,670 | 1,730 | 1,740 | 1,700 | 1,830 | 2,090 | 2,040 | 2,140 | 2,050 | 2,210 | 2,070 | 1,950 | 2,310 | 2,520 | 2,570 | 2,520 |
| 有機性浮遊物質 | 82 | 82 | 82 | 82 | 81 | 80 | 80 | 79 | 80 | 81 | 82 | 82 | 83 | 84 | 84 | 84 | 84 | 84 | 84 | 83 | 83 | 83 |
| 溶存酸素(D.O) | 4.0 | 1.7 | 3.8 | 3.0 | 2.3 | 3.8 | 1.6 | 2.0 | 2.7 | 1.0 | 0.8 | 1.6 | 2.4 | 0.3 | 3.4 | 2.7 | 0.3 | 0.3 | 0.4 | 3.7 | 0.2 | 0.3 |
| S V | 25 | 26 | 26 | 24 | 20 | 18 | 19 | 20 | 20 | 18 | 16 | 16 | 13 | 12 | 13 | 17 | 16 | 14 | 15 | 17 | 17 | 17 |
| S V I | 150 | 160 | 140 | 160 | 130 | 110 | 110 | 120 | 110 | 110 | 87 | 77 | 64 | 56 | 63 | 77 | 77 | 72 | 65 | 63 | 66 | 67 |

4系反応槽混合液(3)

| 項目 | 2/22 | 3/1 | 3/8 | 3/16 | 3/22 | 3/29 | 回数 | 最高 | 最低 | 平均 |
|-----------|-------|-------|-------|-------|-------|-------|----|-------|-------|-------|
| 水 | 18.4 | 18.4 | 18.4 | 19.2 | 18.4 | 18.6 | 50 | 27.8 | 18 | 22.4 |
| pH | 6.5 | 6.3 | 6.4 | 6.4 | 6.4 | 6.4 | 50 | 6.8 | 6.3 | 6.5 |
| 浮遊物質(SS) | 2,540 | 2,840 | 3,150 | 2,860 | 2,650 | 2,480 | 50 | 3,150 | 1,430 | 1,920 |
| 有機性浮遊物質 | 83 | 83 | 83 | 83 | 83 | 83 | 50 | 84 | 79 | 82 |
| 溶存酸素(D.O) | 0.2 | 0.3 | 0.1 | 0.2 | 3.4 | 2.0 | 50 | 7.6 | 0.1 | 2.4 |
| S V | 16 | 19 | 23 | 23 | 21 | 23 | 50 | 30 | 12 | 21 |
| S V I | 63 | 67 | 73 | 80 | 79 | 93 | 50 | 180 | 56 | 110 |

4系返送汚泥(1)

| 項目 | 4/6 | 4/13 | 4/20 | 4/27 | 5/11 | 5/18 | 5/25 | 6/1 | 6/8 | 6/15 | 6/22 | 6/29 | 7/6 | 7/14 | 7/20 | 7/27 | 8/3 | 8/10 | 8/17 | 8/24 | 8/31 | 9/7 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 水 | 19.5 | 19.7 | 20.4 | 20.7 | 20.6 | 21.0 | 22.8 | 22.8 | 22.7 | 23.6 | 23.3 | 23.1 | 24.3 | 24.4 | 25.1 | 26.0 | 26.7 | 27.2 | 27.7 | 27.9 | 26.7 | 26.9 |
| pH | 6.6 | 6.7 | 6.6 | 6.6 | 6.5 | 6.6 | 6.5 | 6.5 | 6.5 | 6.6 | 6.6 | 6.8 | 6.6 | 6.7 | 6.6 | 6.5 | 6.6 | 6.5 | 6.6 | 6.6 | 6.6 | 6.5 |
| 浮遊物質(SS) | 6,920 | 6,400 | 6,440 | 6,780 | 6,840 | 6,660 | 6,860 | 6,340 | 6,540 | 7,220 | 6,140 | 5,740 | 6,000 | 5,560 | 6,320 | 6,140 | 7,500 | 6,980 | 5,840 | 6,040 | 6,460 | 6,760 |
| 有機性浮遊物質 | 83 | 82 | 81 | 82 | 82 | 81 | 81 | 83 | 82 | 81 | 80 | 80 | 81 | 79 | 81 | 81 | 82 | 82 | 82 | 81 | 81 | 82 |
| S V | 99 | 98 | 100 | 99 | 98 | 97 | 96 | 91 | 87 | 97 | 98 | 93 | 91 | 96 | 90 | 96 | 94 | 100 | 99 | 98 | 96 | 97 |
| S V I | 140 | 150 | 160 | 150 | 140 | 150 | 150 | 150 | 150 | 140 | 150 | 160 | 160 | 160 | 150 | 150 | 130 | 130 | 170 | 160 | 150 | 150 |

4系返送汚泥(2)

| 項目 | 9/15 | 9/21 | 9/28 | 10/6 | 10/12 | 10/19 | 10/26 | 11/2 | 11/9 | 11/16 | 11/24 | 12/1 | 12/7 | 12/14 | 12/21 | 1/5 | 1/11 | 1/18 | 1/25 | 2/1 | 2/8 | 2/15 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 水 | 26.4 | 25.5 | 26.3 | 25.5 | 24.9 | 24.9 | 24.6 | 23.7 | 23.1 | 22.6 | 22.3 | 21.5 | 21.2 | 20.4 | 20.5 | 19.4 | 18.7 | 18.4 | 17.8 | 17.8 | 18.2 | 17.6 |
| pH | 6.6 | 6.6 | 6.5 | 6.6 | 6.7 | 6.6 | 6.6 | 6.7 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.4 | 6.5 | 6.5 | 6.5 | 6.5 | 6.4 | 6.5 |
| 浮遊物質(SS) | 6,740 | 6,760 | 6,600 | 5,360 | 5,700 | 5,600 | 6,360 | 6,440 | 6,660 | 7,260 | 7,780 | 6,960 | 6,000 | 5,560 | | | | | | | | |

1系処理水(2)

| 項目 | 3/1 | 3/16 | 回数 | 最高 | 最低 | 平均 |
|----------|------|------|----|------|------|------|
| 水 | 18.0 | 18.6 | 24 | 27.6 | 17.8 | 22.2 |
| 電気伝導率 | 676 | 722 | 24 | 847 | 489 | 631 |
| pH | 6.6 | 6.8 | 24 | 7.1 | 6.6 | 6.8 |
| 浮遊物質(SS) | 2 | 2 | 24 | 3 | 1 | 2 |
| 溶存酸素(DO) | 0.6 | 0.2 | 24 | 2.4 | 0.2 | 0.8 |
| BOD | 1.9 | 9.3 | 24 | 9.3 | ND | 2.4 |
| COD | 1.4 | 1.6 | 24 | 2.5 | ND | 1.5 |
| 全窒素 | 8.7 | 9.8 | 24 | 10 | 5.5 | 7.9 |
| アンモニア性窒素 | 12 | 12 | 24 | 13 | 5.9 | 9.8 |
| 亜硝酸性窒素 | 0.3 | 5.8 | 24 | 5.8 | ND | 0.6 |
| 硝酸性窒素 | 0.1 | 0.6 | 24 | 0.6 | ND | 0.1 |
| 全りん | 10 | 4.3 | 24 | 12 | 4.3 | 8.3 |
| 全りん | 0.12 | 0.19 | 24 | 1.9 | 0.05 | 0.26 |

2系処理水(1)

| 項目 | 4/6 | 4/20 | 5/11 | 5/25 | 6/8 | 6/22 | 7/6 | 7/20 | 8/3 | 8/17 | 9/7 | 9/21 | 10/6 | 10/19 | 11/2 | 11/16 | 12/1 | 12/14 | 1/5 | 1/18 | 2/1 | 2/15 |
|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|------|-------|------|------|------|------|
| 水 | 19.7 | 20.6 | 20.3 | 22.7 | 22.7 | 23.1 | 24.5 | 25.2 | 27.0 | 27.7 | 26.9 | 25.3 | 25.6 | 24.9 | 23.5 | 22.4 | 21.6 | 20.5 | 19.1 | 18.3 | 17.9 | 18.1 |
| 電気伝導率 | 666 | 650 | 515 | 645 | 657 | 487 | 586 | 579 | 635 | 656 | 720 | 505 | 516 | 841 | 688 | 728 | 610 | 575 | 613 | 638 | 584 | 621 |
| pH | 6.7 | 6.9 | 6.9 | 6.6 | 6.7 | 7.1 | 6.9 | 6.9 | 6.8 | 6.8 | 6.9 | 7.1 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.6 | 6.5 | 6.9 | 6.7 | 6.7 |
| 浮遊物質(SS) | 3 | 2 | 1 | 3 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 4 | 7 | 5 | 2 | 3 |
| 溶存酸素(DO) | 0.6 | 0.5 | 1.8 | 0.2 | 1.9 | 3.1 | 1.5 | 1.7 | 0.6 | 0.3 | 0.9 | 1.2 | 0.8 | 1.1 | 0.5 | 1.3 | 0.7 | 0.2 | 0.7 | 0.5 | 0.7 | 0.3 |
| BOD | 2.6 | 2.0 | 1.4 | 2.5 | 1.2 | 1.2 | ND | 1.3 | 1.4 | 1.3 | 1.4 | ND | 1.0 | 1.2 | 1.2 | 1.2 | 1.4 | 1.7 | 3.4 | 12 | 15 | 2.0 |
| COD | 2.1 | 1.3 | 1.3 | 1.8 | 1.1 | 1.1 | ND | 1.2 | 1.3 | 1.2 | 1.4 | ND | 1.0 | 1.1 | 1.2 | 1.3 | 1.5 | 2.7 | 3.9 | 3.2 | 1.8 | 2.2 |
| 全窒素 | 7.6 | 8.1 | 6.3 | 9.2 | 7.8 | 5.5 | 6.5 | 7.4 | 7.6 | 8.0 | 8.6 | 5.0 | 5.8 | 7.7 | 7.0 | 7.1 | 8 | 9.4 | 12 | 11 | 8.1 | 9.3 |
| アンモニア性窒素 | 10 | 10 | 7.7 | 9.5 | 9.5 | 6.3 | 7.5 | 9.0 | 9.8 | 12 | 10 | 5.9 | 6.8 | 10 | 11 | 10 | 11 | 10 | 14 | 12 | 11 | 12 |
| 亜硝酸性窒素 | 0.1 | 0.3 | ND | 0.2 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0 | 0.1 | 2.2 | 5.9 | ND |
| 硝酸性窒素 | ND | 0.1 | ND | 0.1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.2 | 0.4 | 0.3 | ND |
| 全りん | 9.2 | 8.8 | 6.6 | 8.2 | 8.5 | 5.4 | 6.9 | 8.0 | 9.2 | 11 | 9.2 | 5.2 | 6.6 | 9.4 | 9.9 | 9.1 | 11 | 8.9 | 9.9 | 4.3 | 10 | 8.6 |
| 全りん | 0.14 | 0.05 | 0.10 | 0.16 | 0.29 | 1.2 | 0.04 | 0.09 | 0.09 | 0.12 | 0.05 | 0.06 | 0.05 | 0.11 | 0.05 | 0.10 | 0.28 | 0.24 | 2.8 | 0.63 | 0.08 | 0.20 |

2系処理水(2)

| 項目 | 3/1 | 3/16 | 回数 | 最高 | 最低 | 平均 |
|----------|------|------|----|------|------|------|
| 水 | 18.0 | 18.6 | 24 | 27.7 | 17.9 | 22.3 |
| 電気伝導率 | 675 | 728 | 24 | 841 | 487 | 630 |
| pH | 6.6 | 6.9 | 24 | 7.1 | 6.5 | 6.8 |
| 浮遊物質(SS) | 2 | 2 | 24 | 7 | 1 | 2 |
| 溶存酸素(DO) | 0.8 | 0.2 | 24 | 3.1 | 0.2 | 0.9 |
| BOD | 2.0 | 8.7 | 24 | 15 | ND | 3.0 |
| COD | 1.4 | 1.5 | 24 | 3.9 | ND | 1.5 |
| 全窒素 | 8.6 | 9.8 | 24 | 12 | 5.0 | 8.0 |
| アンモニア性窒素 | 13 | 12 | 24 | 14 | 5.9 | 10 |
| 亜硝酸性窒素 | 0.3 | 7.3 | 24 | 7.3 | ND | 0.8 |
| 硝酸性窒素 | 0.1 | 0.6 | 24 | 0.6 | ND | 0.1 |
| 全りん | 11 | 3.7 | 24 | 11 | 3.7 | 8.3 |
| 全りん | 0.10 | 0.16 | 24 | 2.8 | 0.04 | 0.30 |

3系処理水(1)

| 項目 | 4/6 | 4/20 | 5/11 | 5/25 | 6/8 | 6/22 | 7/6 | 7/20 | 8/3 | 8/17 | 9/7 | 9/21 | 10/6 | 10/19 | 11/2 | 11/16 | 12/1 | 12/14 | 1/5 | 1/18 | 2/1 | 2/15 |
|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|------|-------|------|------|------|------|
| 水 | 19.8 | 20.5 | 20.4 | 22.7 | 22.6 | 23.0 | 24.4 | 25.3 | 26.8 | 27.6 | 26.9 | 25.3 | 25.6 | 25.0 | 23.5 | 22.3 | 21.6 | 20.4 | 19.2 | 18.4 | 17.9 | 18.1 |
| 電気伝導率 | 668 | 653 | 516 | 657 | 661 | 488 | 588 | 579 | 634 | 658 | 717 | 505 | 510 | 844 | 657 | 724 | 620 | 577 | 607 | 626 | 587 | 622 |
| pH | 6.7 | 6.8 | 6.8 | 6.6 | 6.7 | 7.0 | 6.9 | 6.9 | 6.7 | 6.8 | 7.0 | 7.1 | 6.9 | 6.9 | 6.9 | 6.8 | 6.8 | 6.7 | 6.4 | 6.6 | 6.7 | 6.6 |
| 浮遊物質(SS) | 2 | 2 | 1 | 3 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 3 | 8 | 4 | 1 | 2 | 6 | 4 | 6 | 3 |
| 溶存酸素(DO) | 0.3 | 0.6 | 0.9 | 0.3 | 1.2 | 2.6 | 0.7 | 1.6 | 0.3 | 1.1 | 1.1 | 1.3 | 2.0 | 0.7 | 0.2 | 1.2 | 1.1 | 0.1 | 1.1 | 0.4 | 0.2 | 0.7 |
| BOD | 2.4 | 1.8 | 1.8 | 7.7 | 1.8 | 1.2 | 1.1 | 1.4 | 1.4 | ND | 1.2 | ND | 1.3 | 2.6 | 1.4 | 1.9 | 8.6 | 12 | 5.3 | 5.3 | 5.3 | |
| COD | 2.0 | 1.3 | 1.6 | 2.1 | 1.5 | 1.1 | 1.1 | 1.3 | 1.4 | ND | 1.2 | ND | 1.2 | 2.2 | 5.1 | 2.3 | 1.3 | 1.7 | 3.8 | 3.4 | 3.5 | 2.2 |
| 全窒素 | 8.9 | 8.2 | 6.7 | 9.7 | 8.2 | 5.9 | 6.8 | 7.6 | 7.7 | 7.6 | 8.7 | 4.9 | 7.7 | 9.4 | 13 | 9.2 | 8 | 8.4 | 13 | 11 | 10 | 9.2 |
| アンモニア性窒素 | 11 | 11 | 7.6 | 10 | 6.6 | 7.9 | 9.2 | 10 | 13 | 11 | 6.9 | 7.4 | 12 | 13 | 11 | 12 | 9.8 | 14 | 13 | 12 | 13 | |
| 亜硝酸性窒素 | 0.2 | 0.2 | ND | 1.7 | ND | ND | ND | ND | ND | ND | ND | ND | 0.1 | 0.5 | ND | ND | ND | ND | 1.0 | 3.2 | 0.5 | 1.8 |
| 硝酸性窒素 | 0.1 | ND | ND | 0.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.3 | ND | ND | ND | ND | 0.6 | 0.6 | 0.2 | 0.3 |
| 全りん | 9.8 | 9.9 | 6.6 | 7.0 | 8.8 | 5.7 | 7.3 | 8.3 | 9.3 | 12 | 9.7 | 5.4 | 7.0 | 10 | 10 | 9.6 | 11 | 9.2 | 11 | 8.4 | 9.8 | 10 |
| 全りん | 0.13 | 0.07 | 0.34 | 0.19 | 0.93 | 1.0 | 0.05 | 0.11 | 0.08 | 0.10 | 0.05 | 0.12 | 0.09 | 1.1 | 1.2 | 0.89 | 0.23 | 0.12 | 2.8 | 0.74 | 0.55 | 0.74 |

3系処理水(2)

| 項目 | 3/1 | 3/16 | 回数 | 最高 | 最低 | 平均 |
|----------|------|------|----|------|------|------|
| 水 | 17.9 | 18.7 | 24 | 27.6 | 17.9 | 22.2 |
| 電気伝導率 | 679 | 720 | 24 | 844 | 488 | 629 |
| pH | 6.5 | 6.7 | 24 | 7.1 | 6.4 | 6.8 |
| 浮遊物質(SS) | 2 | 3 | 24 | 8 | 1 | 3 |
| 溶存酸素(DO) | 1.2 | 0.1 | 24 | 2.6 | 0.1 | 0.9 |
| BOD | 2.0 | 5.7 | 24 | 12 | ND | 3.3 |
| COD | 1.6 | 2.1 | 24 | 5.1 | ND | 1.9 |
| 全窒素 | 8.8 | 9.7 | 24 | 13 | 4.9 | 8.7 |
| アンモニア性窒素 | 14 | 15 | 24 | 15 | 6.6 | 11 |
| 亜硝酸性窒素 | 0.3 | 4.8 | 24 | 4.8 | ND | 0.6 |
| 硝酸性窒素 | ND | 0.3 | 24 | 0.6 | ND | 0.1 |
| 全りん | 13 | 9.1 | 24 | 13 | 5.4 | 9.1 |
| 全りん | 0.33 | 0.20 | 24 | 2.8 | 0.05 | 0.51 |

4系処理水(1)

| 項目 | 4/6 | 4/20 | 5/11 | 5/25 | 6/8 | 6/22 | 7/6 | 7/20 | 8/3 | 8/17 | 9/7 | 9/21 | 10/6 | 10/19 | 11/2 | 11/16 | 12/1 | 12/14 | 1/5 | 1/18 | 2/1 | 2/15 |
|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|------|-------|------|------|------|------|
| 水 | 19.7 | 20.4 | 20.3 | 22.6 | 22.6 | 23.1 | 24.4 | 25.2 | 26.8 | 27.6 | 26.8 | 25.2 | 25.5 | 24.9 | 23.3 | 22.2 | 21.5 | 20.3 | 18.9 | 18.1 | 17.7 | 17.9 |
| 電気伝導率 | 668 | 655 | 524 | 652 | 651 | 483 | 585 | 581 | 635 | 659 | 718 | 503 | 528 | 840 | 693 | 732 | 617 | 590 | 610 | 650 | 585 | 624 |
| pH | 6.7 | 6.9 | 6.8 | 6.6 | 6.7 | 7.1 | 6.9 | 6.9 | 6.8 | 6.8 | 7.0 | 7.2 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.6 | 6.4 | 6.8 | 6.7 | 6.7 |
| 浮遊物質(SS) | 2 | 2 | 1 | 3 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 4 | 9 | 3 | 3 | 3 | |
| 溶存酸素(DO) | 0.3 | 0.5 | 1.4 | 0.2 | 0.7 | 2.3 | 1.1 | 1.3 | 0.3 | 0.4 | 0.7 | 0.3 | 1.2 | 0.3 | 0.2 | 0.4 | 1.3 | 0.1 | 1.1 | 0.5 | 0.4 | 0.1 |
| BOD | 2.2 | 3.4 | 1.4 | 2.3 | 1.7 | 1.4 | ND | 1.2 | 1.2 | 1.1 | 1.2 | ND | ND | 1.2 | 1.4 | 1.4 | 3.2 | 8.6 | 4.0 | 11 | 2.6 | 4.7 |
| COD | 1.9 | 1.6 | 1.2 | 1.7 | 1.5 | 1.3 | ND | 1.1 | 1.2 | 1.1 | 1.2 | ND | ND | 1.1 | 1.4 | 1.3 | 2.6 | 4.3 | 2.0 | 2.5 | 2.4 | 2.3 |
| 全窒素 | 8.9 | 8.7 | 6.5 | 8.8 | 8.0 | 6.2 | 6.8 | 7.8 | 8.6 | 9.0 | 5.3 | 6.6 | 7.5 | 7.4 | 7.5 | 9.1 | 13 | 9.7 | 10 | 8.5 | 10 | |
| アンモニア性窒素 | 10 | 11 | 7.7 | 10 | 9.9 | 6.8 | 7.9 | 9.3 | 9.6 | 13 | 11 | 5.4 | 6.9 | 11 | 12 | 10 | 12 | 12 | 14 | 13 | 11 | 12 |
| 亜硝酸性窒素 | ND | 0.7 | ND | 0.2 | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.1 | ND | ND | ND | 0.2 | 0.5 | 0.9 | 6.5 | ND |
| 硝酸性窒素 | ND | 0.2 | ND | 0.1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.2 | 0.3 | 0.3 | 0.3 | ND |
| 全りん | 9.6 | 8.5 | 6.7 | 8.6 | 8.7 | 5.8 | 7.2 | 8.4 | 9.0 | 12 | 9.4 | 4.7 | 6.7 | 10 | 11 | 9.7 | 11 | 9.6 | 12 | 5.6 | 10 | 9.3 |
| 全りん | 0.16 | 0.12 | 0.09 | 0.13 | 0.20 | 0.86 | 0.06 | 0.10 | 0.10 | 0.09 | 0.06 | 0.15 | 0.07 | 0.16 | 0.11 | 1.0 | 0.59 | 0.76 | 1.9 | 1.3 | 0.19 | 0.31 |

4系処理水(2)

| 項目 | 3/1 | 3/16 | 回数 | 最高 | 最低 | 平均 |
|----|------|------|----|------|------|------|
| 水 | 17.9 | 18.5 | 24 | 27.6 | 17.7 | 22.1 |
| | | | | | | |

放流水

| 項目 | 4/6 | 4/13 | 4/20 | 5/18 | 5/25 | 6/1 | 6/8 | 6/15 | 7/6 | 7/20 | 8/3 | 8/10 | 8/17 | 8/24 | 9/7 | 9/15 | 10/6 | 10/12 | 10/19 | 10/26 | 11/2 | 11/9 |
|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|------|------|
| 水温 | 19.6 | 19.8 | 20.3 | 21.2 | 22.6 | 22.6 | 22.6 | 23.9 | 24.5 | 25.5 | 26.6 | 27.2 | 27.8 | 27.7 | 26.8 | 26.3 | 25.6 | 24.7 | 24.7 | 24.5 | 23.2 | 22.9 |
| pH | 7.1 | 6.8 | 6.8 | 6.9 | 6.7 | 6.9 | 6.8 | 6.8 | 6.9 | 6.9 | 6.8 | 6.8 | 6.8 | 6.9 | 6.9 | 6.9 | 7.0 | 7.0 | 6.9 | 6.9 | 6.8 | 6.8 |
| 浮遊物質(SS) | 3 | 2 | 2 | 1 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| BOD | 1.9 | 1.7 | 1.3 | 1.1 | 1.2 | 2.1 | 1.7 | 1.6 | ND | ND | 1.0 | 1.7 | 1.0 | 1.1 | 1.2 | 1.0 | ND | 1.2 | 1.0 | 1.5 | 1.5 | 2.2 |
| COD | 9.5 | 8.7 | 8.3 | 7.1 | 9.4 | 9.0 | 8.0 | 7.5 | 6.9 | 7.5 | 7.6 | 7.8 | 7.5 | 7.3 | 8.1 | 6.4 | 5.8 | 7.5 | 8.2 | 8.2 | 8.3 | 8.9 |
| 全窒素 | 11 | 11 | 11 | 8.9 | 10 | 9.8 | 9.7 | 7.7 | 9.3 | 10 | 12 | 13 | 12 | 11 | 11 | 9.7 | 6.9 | 10 | 11 | 12 | 12 | 13 |
| アンモニウム窒素 | 0.4 | 0.4 | 1.0 | 0.1 | 0.9 | 0.3 | 0.1 | 0.1 | 0.1 | ND | 0.1 | 0.2 | 0.2 | 0.4 | 0.1 | ND | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.2 |
| 亜硝酸性窒素 | 0.1 | 0.2 | 0.2 | ND | 0.2 | 0.1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 硝酸性窒素 | 9.1 | 9.0 | 8.1 | 7.9 | 7.9 | 8.6 | 8.7 | 8.8 | 6.9 | 8.3 | 9.3 | 11 | 12 | 10 | 9.6 | 8.6 | 6.7 | 9.2 | 10 | 11 | 10 | 11 |
| 窒素化合物 | 9.4 | 9.4 | 8.7 | 7.9 | 8.5 | 8.8 | 8.7 | 8.8 | 6.9 | 8.3 | 9.3 | 11 | 12 | 10 | 9.6 | 8.6 | 6.7 | 9.2 | 10 | 11 | 10 | 11 |
| 全りん | 0.15 | 0.11 | 0.08 | 0.19 | 0.15 | 0.24 | 0.50 | 0.31 | 0.12 | 0.12 | 0.09 | 0.09 | 0.10 | 0.11 | 0.05 | 0.08 | 0.07 | 0.25 | 0.48 | 0.18 | 0.46 | 0.25 |
| ヘキサノ抽出物質 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 大腸菌群数 | 35 | 40 | 2 | 4 | 83 | 12 | 18 | 5 | 5 | 11 | 35 | 51 | 4 | 4 | 52 | 6 | 25 | 2 | 3 | 4 | 3 | 77 |

放流水

| 項目 | *6/27採水 | | | | | | | | | | | *9/28採水 | | | | | | | | | | |
|----------|---------|-------|------|------|-------|------|------|------|------|------|------|---------|------|------|------|------|------|----|------|------|------|--|
| | 11/16 | 11/24 | 12/1 | 12/7 | 12/21 | 1/5 | 1/11 | 1/18 | 1/25 | 2/1 | 2/8 | 2/15 | 2/22 | 3/1 | 3/8 | 3/16 | 3/22 | 回数 | 最高 | 最低 | 平均 | |
| 水温 | 22.1 | 21.9 | 21.2 | 20.7 | 20.2 | 19.0 | 18.3 | 18.1 | 17.5 | 17.4 | 17.7 | 17.7 | 17.7 | 17.8 | 17.4 | 18.5 | 17.9 | 39 | 27.8 | 17.4 | 22.0 | |
| pH | 7.0 | 6.8 | 6.8 | 6.7 | 6.7 | 6.5 | 6.6 | 6.6 | 6.6 | 6.7 | 6.8 | 6.8 | 6.8 | 6.6 | 6.9 | 6.9 | 6.9 | 39 | 2.8 | 0.7 | 1.4 | |
| 浮遊物質(SS) | 2 | 1 | 2 | 2 | 3 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 39 | 4 | 1 | 2 | |
| BOD | 1.4 | 1.5 | 1.2 | 1.9 | 2.4 | 3.0 | 2.7 | 2.7 | 1.9 | 2.0 | 1.3 | 1.2 | 1.6 | 1.5 | 1.8 | 2.3 | 2.0 | 39 | 3.0 | ND | 1.5 | |
| COD | 7.5 | 8.4 | 8.1 | 8.8 | 9.0 | 11 | 9.8 | 10 | 9.2 | 8.4 | 8.7 | 9.0 | 9.5 | 8.8 | 9.5 | 9.8 | 7.9 | 39 | 11 | 5.8 | 8.4 | |
| 全窒素 | 10 | 13 | 12 | 12 | 13 | 14 | 12 | 13 | 12 | 11 | 12 | 13 | 12 | 13 | 12 | 14 | 10 | 39 | 14 | 6.9 | 11 | |
| アンモニウム窒素 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 2.0 | 0.2 | 4.2 | 1.9 | 0.3 | 1.7 | 2.2 | 3.7 | 0.7 | 3.0 | 6.0 | 0.1 | 39 | 6.0 | ND | 0.8 | |
| 亜硝酸性窒素 | ND | ND | ND | ND | ND | 0.4 | ND | 0.4 | 0.3 | ND | 0.2 | 0.3 | 0.3 | 0.1 | 0.3 | 0.4 | ND | 39 | 0.4 | ND | ND | |
| 硝酸性窒素 | 9.4 | 12 | 11 | 11 | 12 | 11 | 11 | 7.1 | 9.1 | 10 | 9.3 | 9.3 | 7.1 | 11 | 7.6 | 6.3 | 9.0 | 39 | 12 | 6.3 | 9.4 | |
| 窒素化合物 | 9.4 | 12 | 11 | 11 | 12 | 12 | 11 | 9.2 | 10 | 10 | 10 | 10 | 8.9 | 11 | 9.1 | 9.1 | 9.0 | 39 | 12 | 6.7 | 9.8 | |
| 全りん | 0.63 | 0.23 | 0.37 | 0.26 | 0.25 | 2.6 | 1.7 | 0.70 | 0.44 | 0.28 | 0.33 | 0.26 | 0.13 | 0.23 | 0.18 | 0.25 | 0.14 | 39 | 2.6 | 0.05 | 0.34 | |
| ヘキサノ抽出物質 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 24 | ND | ND | ND | |
| 大腸菌群数 | 4 | 3 | 18 | 57 | 2 | 1 | 1 | 1 | 1 | ND | 3 | ND | ND | 1 | 1 | ND | 11 | 39 | 83 | ND | 15 | |

1系運転条件(1)

| 項目 | 4/6 | 4/13 | 4/20 | 4/27 | 5/11 | 5/18 | 5/25 | 6/1 | 6/8 | 6/15 | 6/22 | 6/29 | 7/6 | 7/14 | 7/20 | 7/27 | 8/3 | 8/10 | 8/17 | 8/24 | 8/31 | 9/7 |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 気処理場流入水量 | 535 | 520 | 524 | 575 | 745 | 639 | 560 | 543 | 601 | 579 | 1,010 | 844 | 654 | 1,550 | 578 | 523 | 508 | 505 | 510 | 477 | 587 | 518 |
| 反応タンク流入水量 | 230 | 230 | 230 | 250 | 310 | 280 | 240 | 240 | 260 | 250 | 290 | 280 | 290 | 280 | 290 | 220 | 220 | 220 | 220 | 210 | 250 | 230 |
| 初沈沈殿時間 | 3.3 | 3.4 | 3.4 | 3.1 | 2.4 | 2.8 | 3.1 | 3.2 | 2.9 | 3.0 | 1.7 | 2.1 | 2.7 | 1.1 | 3.0 | 3.4 | 3.5 | 3.5 | 3.4 | 3.7 | 3.0 | 3.4 |
| 返送汚泥率 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| 送気倍率 | 4.9 | 5.0 | 4.9 | 4.7 | 3.4 | 4.0 | 4.3 | 4.9 | 3.9 | 4.1 | 2.4 | 2.4 | 3.2 | 2.4 | 3.7 | 4.3 | 4.6 | 4.9 | 4.9 | 4.9 | 4.7 | 4.8 |
| 反応タンク滞留時間 | 7.7 | 8.0 | 8.0 | 7.2 | 5.7 | 6.5 | 7.5 | 7.6 | 6.9 | 7.2 | 6.2 | 6.2 | 6.4 | 6.2 | 7.1 | 8.0 | 8.2 | 8.2 | 8.1 | 8.7 | 7.1 | 8.0 |
| 終沈沈殿時間 | 4.3 | 4.4 | 4.4 | 4.0 | 3.2 | 3.6 | 4.2 | 4.2 | 3.8 | 4.0 | 3.4 | 3.5 | 3.6 | 3.4 | 4.0 | 4.5 | 4.6 | 4.6 | 4.5 | 4.8 | 4.0 | 4.4 |
| 終沈沈面積負荷 | 17 | 16 | 16 | 18 | 23 | 20 | 17 | 17 | 19 | 18 | 21 | 21 | 20 | 21 | 18 | 16 | 16 | 16 | 16 | 15 | 18 | 16 |
| 余剰汚泥引抜率 | 1.3 | 1.4 | 1.4 | 1.3 | 1.1 | 1.2 | 1.4 | 1.4 | 1.1 | 1.0 | 0.9 | 0.9 | 0.8 | 0.8 | 0.9 | 1.0 | 0.9 | 1.4 | 1.3 | 1.4 | 1.2 | 1.4 |
| 塩素注入率 | 1.0 | 1.0 | 1.0 | 0.9 | 1.1 | 0.9 | 0.8 | 0.8 | 0.9 | 1.7 | 1.6 | 1.0 | 2.0 | 0.8 | 0.8 | 0.9 | 0.8 | 0.9 | 0.8 | 0.8 | 1.0 | 0.9 |
| 汚泥日令 | 7.2 | 14 | 13 | 12 | 15 | 17 | 17 | 11 | 11 | 11 | 12 | 12 | 11 | 11 | 11 | 19 | 13 | 13 | 13 | 14 | 14 | 14 |
| SRT | 8.4 | 7.9 | 7.9 | 6.7 | 7.2 | 7.2 | 7.9 | 8.1 | 8.1 | 8.4 | 8.4 | 8.4 | 11 | 12 | 11 | 12 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 9.4 |
| BOD-SS 負荷 | 0.17 | 0.13 | 0.13 | 0.10 | 0.10 | 0.10 | 0.11 | 0.09 | 0.09 | 0.09 | 0.15 | 0.15 | 0.15 | 0.16 | 0.16 | 0.13 | 0.13 | 0.15 | 0.15 | 0.15 | 0.16 | 0.16 |
| COD 負荷 | 445.7 | 467.4 | 406.9 | 458.3 | 365.2 | 385.7 | 392.7 | 396.3 | 393.1 | 387.9 | 294.4 | 312.2 | 374.7 | 307.1 | 378.3 | 369.9 | 360.5 | 345.7 | 367.1 | 363.4 | 371.9 | 432.6 |
| 全窒素負荷 | 560.7 | 597.2 | 549.1 | 640.4 | 516.3 | 550.3 | 541.2 | 507.6 | 547.3 | 565.5 | 352.0 | 418.4 | 504.8 | 369.8 | 506.0 | 497.7 | 516.2 | 503.9 | 556.9 | 480.4 | 495.9 | 575.1 |
| 全りん負荷 | 11.50 | 8.83 | 7.54 | 10.04 | 15.11 | 19.54 | 11.97 | 12.91 | 23.88 | 21.83 | 87.69 | 49.95 | 10.41 | 51.39 | 9.33 | 10.05 | 9.79 | 8.33 | 7.59 | 6.68 | 7.63 | 8.14 |

1系運転条件(2)

| 項目 | 9/15 | 9/21 | 9/28 | 10/6 | 10/12 | 10/19 | 10/26 | 11/2 | 11/9 | 11/16 | 11/24 | 12/1 | 12/7 | 12/14 | 12/21 | 1/5 | 1/11 | 1/18 | 1/25 | 2/1 | 2/8 | 2/15 |
|-----------|------|------|------|------|-------|-------|-------|------|------|-------|-------|------|------|-------|-------|------|------|------|------|------|------|------|
| 気処理場流入水量 | 24.5 | 21.5 | 25.5 | 23.5 | 18.0 | 23.0 | 21.0 | 14.0 | 14.0 | 13.0 | 10.0 | 13.5 | 6.0 | 10.0 | 13.0 | 8.0 | 7.0 | 4.5 | 4.0 | 9.0 | 7.0 | 5.0 |
| 反応タンク流入水量 | 577 | 932 | 558 | 846 | 593 | 550 | 496 | 526 | 525 | 642 | 548 | 538 | 512 | 641 | 494 | 540 | 555 | 492 | 500 | 540 | 489 | 483 |
| 初沈沈殿時間 | 2.50 | 2.90 | 2.40 | 2.80 | 2.60 | 2.40 | 2.20 | 2.30 | 2.30 | 2.80 | 2.40 | 2.30 | 2.20 | 2.80 | 2.20 | 2.30 | 2.40 | 2.20 | 2.20 | 2.40 | 2.10 | 2.10 |
| 返送汚泥率 | 3.0 | 1.9 | 3.2 | 2.1 | 3.0 | 3.2 | 3.5 | 3.3 | 3.4 | 2.7 | 3.2 | 3.3 | 3.4 | 2.7 | 3.6 | 3.3 | 3.2 | 3.6 | 3.5 | 3.3 | 3.6 | 3.6 |
| 送気倍率 | 4.6 | 2.7 | 4.8 | 3.3 | 4.8 | 5.1 | 5.4 | 5.4 | 5.5 | 4.9 | 5.4 | 5.4 | 5.6 | 4.8 | 5.4 | 5.4 | 5.4 | 4.7 | 4.7 | 5.2 | 4.9 | 5.0 |
| 反応タンク滞留時間 | 7.2 | 6.2 | 7.5 | 6.5 | 7.0 | 7.6 | 8.2 | 7.9 | 7.9 | 6.5 | 7.6 | 7.7 | 8.1 | 6.5 | 8.3 | 7.7 | 7.5 | 8.4 | 8.3 | 7.6 | 8.5 | 8.6 |
| 終沈沈殿時間 | 4.0 | 3.4 | 4.1 | 3.6 | 3.9 | 4.2 | 4.5 | 4.4 | 4.4 | 3.6 | 4.2 | 4.3 | 4.5 | 3.6 | 4.6 | 4.3 | 4.2 | 4.6 | 4.6 | 4.2 | 4.7 | 4.8 |
| 終沈沈面積負荷 | 18 | 21 | 17 | 20 | 19 | 17 | 16 | 16 | 16 | 20 | 17 | 17 | 16 | 20 | 16 | 17 | 17 | 16 | 16 | 17 | 15 | 15 |
| 余剰汚泥引抜率 | 1.2 | 1.0 | 1.3 | 1.1 | 1.2 | 1.3 | 1.4 | 1.3 | 1.3 | 1.0 | 1.0 | 0.9 | 0.9 | 0.7 | 1.0 | 1.0 | 0.8 | 0.9 | 1.0 | 0.8 | 1.0 | 1.2 |
| 塩素注入率 | 1.1 | 1.6 | 1.0 | 1.8 | 0.9 | 1.0 | 1.1 | 1.1 | 1.0 | 1.2 | 1.1 | 1.1 | 1.0 | 1.2 | 1.1 | 1.1 | 1.1 | 1.0 | 1.1 | 1.1 | 1.2 | 1.0 |
| 汚泥日令 | 8.0 | 15 | 15 | 13 | 15 | 15 | 15 | 12 | 16 | 16 | 16 | 14 | 14 | 14 | 12 | 18 | 18 | 21 | 20 | 20 | | |

2系運転条件(2)

| 項目 | 9/15 | 9/21 | 9/28 | 10/6 | 10/12 | 10/19 | 10/26 | 11/2 | 11/9 | 11/16 | 11/24 | 12/1 | 12/7 | 12/14 | 12/21 | 1/5 | 1/11 | 1/18 | 1/25 | 2/1 | 2/8 | 2/15 |
|-----------|------|------|------|------|-------|-------|-------|------|------|-------|-------|------|------|-------|-------|------|------|------|------|------|-----|------|
| 反応タンク流入水量 | 250 | 290 | 240 | 270 | 250 | 240 | 220 | 230 | 230 | 280 | 240 | 230 | 220 | 280 | 220 | 230 | 240 | 210 | 220 | 230 | 210 | 210 |
| 返送汚泥率 | 40 | 40 | 40 | 40 | 40 | 40 | 41 | 40 | 40 | 40 | 40 | 40 | 40 | 45 | 45 | 43 | 40 | 40 | 40 | 40 | 40 | 40 |
| 送気倍率 | 4.7 | 2.8 | 4.9 | 3.4 | 5.0 | 5.1 | 5.6 | 5.4 | 5.5 | 4.8 | 5.4 | 5.4 | 5.7 | 4.8 | 5.5 | 5.4 | 5.5 | 4.7 | 4.8 | 5.2 | 4.8 | 4.8 |
| 反応タンク滞留時間 | 7.2 | 6.2 | 7.5 | 6.6 | 7.1 | 7.6 | 8.2 | 7.9 | 8.0 | 6.4 | 7.6 | 7.8 | 8.2 | 6.4 | 8.3 | 7.7 | 7.5 | 8.5 | 8.3 | 7.9 | 8.5 | 8.6 |
| 終沈沈殿時間 | 4.0 | 3.5 | 4.2 | 3.6 | 3.9 | 4.2 | 4.6 | 4.4 | 4.4 | 3.6 | 4.2 | 4.3 | 4.5 | 3.5 | 4.6 | 4.3 | 4.2 | 4.7 | 4.6 | 4.4 | 4.7 | 4.8 |
| 終沈水面積負荷 | 18 | 21 | 17 | 20 | 18 | 17 | 16 | 16 | 16 | 20 | 17 | 17 | 16 | 20 | 16 | 17 | 17 | 15 | 16 | 16 | 15 | 15 |
| 余剰汚泥引抜率 | 1.2 | 1.0 | 1.2 | 1.0 | 1.2 | 1.2 | 1.3 | 1.3 | 1.0 | 1.0 | 1.1 | 1.0 | 1.0 | 0.4 | 0.8 | 0.5 | 0.4 | 0.4 | 0.7 | 0.8 | 0.9 | 1.1 |
| 汚泥日令 | | 8.1 | | 15 | | 13 | | 14 | | 12 | | 17 | | 16 | | 16 | | 27 | | 29 | | 23 |
| S R T | | 7.6 | | 8.2 | | 8.5 | | 8.7 | | 10 | | 12 | | 24 | | 15 | | 21 | | 13 | | 11 |
| BOD-SS 負荷 | | 0.14 | | 0.11 | | 0.12 | | 0.13 | | 0.14 | | 0.12 | | 0.08 | | 0.11 | | 0.08 | | 0.03 | | 0.08 |

2系運転条件(3)

| 項目 | 2/22 | 3/1 | 3/8 | 3/16 | 3/22 | 3/29 | 回数 | 最高 | 最低 | 平均 |
|-----------|------|------|-----|------|------|------|----|------|------|------|
| 反応タンク流入水量 | 210 | 210 | 200 | 190 | 260 | 250 | 50 | 320 | 190 | 240 |
| 返送汚泥率 | 40 | 40 | 40 | 40 | 40 | 44 | 50 | 45 | 40 | 40 |
| 送気倍率 | 4.7 | 5.1 | 5.3 | 5.0 | 4.4 | 5.0 | 50 | 5.7 | 2.5 | 4.6 |
| 反応タンク滞留時間 | 8.4 | 8.7 | 9.0 | 9.5 | 6.9 | 7.3 | 50 | 9.5 | 5.7 | 7.6 |
| 終沈沈殿時間 | 4.7 | 4.8 | 5.0 | 5.3 | 3.8 | 4.1 | 50 | 5.3 | 3.1 | 4.2 |
| 終沈水面積負荷 | 15 | 15 | 14 | 14 | 19 | 18 | 50 | 23 | 14 | 17 |
| 余剰汚泥引抜率 | 1.1 | 1.1 | 1.2 | 1.2 | 1.0 | 1.1 | 50 | 1.4 | 0.4 | 1.0 |
| 汚泥日令 | | 20 | | 19 | | 24 | | 29 | 8.1 | 15 |
| S R T | | 10 | | 13 | | 24 | | 24 | 6.5 | 11 |
| BOD-SS 負荷 | | 0.10 | | 0.12 | | 0.12 | | 0.17 | 0.03 | 0.12 |

3系運転条件(1)

| 項目 | 4/6 | 4/13 | 4/20 | 4/27 | 5/11 | 5/18 | 5/25 | 6/1 | 6/8 | 6/15 | 6/22 | 6/29 | 7/6 | 7/14 | 7/20 | 7/27 | 8/3 | 8/10 | 8/17 | 8/24 | 8/31 | 9/7 |
|-----------|-----|------|------|------|------|------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|------|------|
| 反応タンク流入水量 | 230 | 230 | 220 | 240 | 310 | 270 | 240 | 230 | 250 | 250 | 290 | 280 | 280 | 290 | 240 | 220 | 220 | 210 | 220 | 200 | 250 | 220 |
| 返送汚泥率 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 41 |
| 送気倍率 | 4.8 | 4.7 | 5.3 | 4.3 | 3.1 | 3.8 | 3.9 | 4.7 | 3.9 | 4.6 | 2.8 | 2.7 | 3.2 | 2.4 | 3.8 | 4.2 | 4.3 | 5.0 | 4.9 | 4.8 | 4.7 | 4.8 |
| 反応タンク滞留時間 | 7.8 | 8.0 | 8.1 | 7.4 | 5.7 | 6.7 | 7.6 | 7.8 | 7.1 | 7.3 | 6.2 | 6.3 | 6.5 | 6.1 | 7.5 | 8.2 | 8.3 | 8.4 | 8.3 | 8.9 | 7.2 | 8.3 |
| 終沈沈殿時間 | 4.4 | 4.4 | 4.5 | 4.1 | 3.2 | 3.7 | 4.2 | 4.3 | 3.9 | 4.1 | 3.5 | 3.5 | 3.6 | 3.4 | 4.1 | 4.5 | 4.6 | 4.7 | 4.6 | 4.9 | 4.0 | 4.6 |
| 終沈水面積負荷 | 17 | 16 | 16 | 18 | 23 | 19 | 17 | 17 | 18 | 18 | 21 | 21 | 20 | 21 | 17 | 16 | 16 | 15 | 16 | 15 | 18 | 16 |
| 余剰汚泥引抜率 | 1.2 | 1.2 | 1.3 | 1.2 | 0.9 | 1.1 | 1.2 | 1.2 | 1.1 | 1.1 | 0.9 | 0.9 | 1.0 | 0.9 | 1.1 | 1.2 | 1.0 | 1.6 | 1.4 | 1.4 | 1.2 | 1.4 |
| 汚泥日令 | | 16 | | 15 | | 12 | | 14 | | 15 | | 9.0 | | 11 | | 10 | | 17 | | 12 | | 14 |
| S R T | | 8.6 | | 7.0 | | 6.9 | | 7.5 | | 8.0 | | 7.7 | | 7.6 | | 8.1 | | 9.4 | | 9.4 | | 7.0 |
| BOD-SS 負荷 | | 0.15 | | 0.12 | | 0.10 | | 0.10 | | 0.12 | | 0.11 | | 0.15 | | 0.17 | | 0.14 | | 0.17 | | 0.16 |

3系運転条件(2)

| 項目 | 9/15 | 9/21 | 9/28 | 10/6 | 10/12 | 10/19 | 10/26 | 11/2 | 11/9 | 11/16 | 11/24 | 12/1 | 12/7 | 12/14 | 12/21 | 1/5 | 1/11 | 1/18 | 1/25 | 2/1 | 2/8 | 2/15 |
|-----------|------|------|------|------|-------|-------|-------|------|------|-------|-------|------|------|-------|-------|------|------|------|------|------|-----|------|
| 反応タンク流入水量 | 240 | 290 | 240 | 270 | 250 | 230 | 200 | 220 | 220 | 270 | 230 | 230 | 220 | 280 | 210 | 240 | 240 | 210 | 220 | 240 | 210 | 210 |
| 返送汚泥率 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| 送気倍率 | 4.6 | 2.5 | 4.7 | 3.3 | 4.8 | 5.2 | 5.8 | 5.8 | 5.9 | 4.9 | 5.3 | 5.3 | 5.3 | 4.6 | 5.1 | 5.1 | 5.4 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 |
| 反応タンク滞留時間 | 7.4 | 6.3 | 7.7 | 6.6 | 7.2 | 7.7 | 9.1 | 8.1 | 8.1 | 6.6 | 7.7 | 7.9 | 8.3 | 6.5 | 8.6 | 7.6 | 7.4 | 8.5 | 8.3 | 7.6 | 8.5 | 8.7 |
| 終沈沈殿時間 | 4.1 | 3.5 | 4.3 | 3.7 | 4.0 | 4.3 | 5.1 | 4.5 | 4.5 | 3.7 | 4.3 | 4.4 | 4.6 | 3.6 | 4.8 | 4.2 | 4.1 | 4.7 | 4.6 | 4.2 | 4.7 | 4.8 |
| 終沈水面積負荷 | 18 | 21 | 17 | 20 | 18 | 17 | 14 | 16 | 16 | 20 | 17 | 16 | 16 | 20 | 15 | 17 | 17 | 15 | 16 | 17 | 15 | 15 |
| 余剰汚泥引抜率 | 1.2 | 1.0 | 1.2 | 1.0 | 1.1 | 1.2 | 0.7 | 0.7 | 0.8 | 0.6 | 0.9 | 1.1 | 1.1 | - | 1.0 | 0.8 | 0.7 | 0.8 | 0.5 | 0.4 | 0.4 | 0.6 |
| 汚泥日令 | | 7.0 | | 14 | | 12 | | 15 | | 13 | | 16 | | 15 | | 12 | | 20 | | 28 | | 30 |
| S R T | | 10 | | 8.3 | | 8.8 | | 14 | | 14 | | 10 | | 10 | | 9.2 | | 15 | | 21 | | 16 |
| BOD-SS 負荷 | | 0.15 | | 0.12 | | 0.13 | | 0.12 | | 0.13 | | 0.12 | | 0.08 | | 0.15 | | 0.11 | | 0.04 | | 0.06 |

3系運転条件(3)

| 項目 | 2/22 | 3/1 | 3/8 | 3/16 | 3/22 | 3/29 | 回数 | 最高 | 最低 | 平均 |
|-----------|------|------|-----|------|------|------|----|------|------|------|
| 反応タンク流入水量 | 210 | 200 | 190 | 190 | 260 | 250 | 50 | 310 | 190 | 240 |
| 返送汚泥率 | 40 | 40 | 40 | 45 | 45 | 40 | 50 | 55 | 40 | 41 |
| 送気倍率 | 4.6 | 5.2 | 5.1 | 5.1 | 4.2 | 4.6 | 50 | 5.9 | 2.4 | 4.5 |
| 反応タンク滞留時間 | 8.6 | 8.9 | 9.2 | 9.7 | 6.9 | 7.3 | 50 | 9.7 | 5.7 | 7.7 |
| 終沈沈殿時間 | 4.8 | 4.9 | 5.1 | 5.4 | 3.8 | 4.1 | 50 | 5.4 | 3.2 | 4.3 |
| 終沈水面積負荷 | 15 | 15 | 14 | 13 | 19 | 18 | 50 | 23 | 13 | 17 |
| 余剰汚泥引抜率 | 0.9 | 1.0 | 0.9 | 1.3 | 0.8 | 0.8 | 49 | 1.6 | 0.4 | 1.0 |
| 汚泥日令 | | 24 | | 23 | | 24 | | 30 | 7.0 | 16 |
| S R T | | 12 | | 13 | | 23 | | 21 | 6.9 | 10 |
| BOD-SS 負荷 | | 0.08 | | 0.10 | | 0.10 | | 0.17 | 0.04 | 0.12 |

4系運転条件(1)

| 項目 | 4/6 | 4/13 | 4/20 | 4/27 | 5/11 | 5/18 | 5/25 | 6/1 | 6/8 | 6/15 | 6/22 | 6/29 | 7/6 | 7/14 | 7/20 | 7/27 | 8/3 | 8/10 | 8/17 | 8/24 | 8/31 | 9/7 |
|-----------|-----|------|------|------|------|------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|------|------|
| 反応タンク流入水量 | 150 | 140 | 160 | 170 | 210 | 190 | 170 | 160 | 180 | 180 | 200 | 210 | 210 | 210 | 180 | 160 | 160 | 160 | 160 | 150 | 180 | 160 |
| 返送汚泥率 | 41 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 41 | 40 | 40 | 40 | 40 | 40 | 40 | 41 | 42 | 40 | 40 | 40 | 40 |
| 送気倍率 | 6.4 | 6.7 | 6.3 | 5.5 | 4.0 | 5.2 | 5.0 | 5.8 | 4.4 | 4.7 | 3.7 | 3.5 | 3.7 | 3.6 | 4.5 | 4.9 | 5.3 | 6.4 | 6.3 | 6.3 | 6.0 | 6.0 |
| 反応タンク滞留時間 | 12 | 13 | 11 | 10 | 8.5 | 9.6 | 11 | 11 | 9.8 | 10 | 9.2 | 8.7 | 8.4 | 8.5 | 10 | 11 | 11 | 11 | 11 | 12 | 9.9 | 11 |
| 終沈沈殿時間 | 6.9 | 7.2 | 6.3 | 5.8 | 4.7 | 5.4 | 5.9 | 6.1 | 5.4 | 5.6 | 5.1 | 4.8 | 4.7 | 4.7 | 5.5 | 6.2 | 6.4 | 6.4 | 6.3 | 6.7 | 5.5 | 6.1 |
| 終沈水面積負荷 | 11 | 11 | 12 | 13 | 16 | 14 | 13 | 13 | 14 | 14 | 15 | 16 | 16 | 16 | 14 | 12 | 12 | 12 | 12 | 11 | 14 | 13 |
| 余剰汚泥引抜率 | 1.4 | 1.5 | 1.2 | 1.1 | 0.9 | 1.2 | 1.3 | 1.3 | 1.1 | 1.0 | 0.9 | 0.8 | 0.8 | 0.8 | 1.0 | 1.1 | 0.9 | 1.4 | 1.2 | 1.3 | 1.1 | 1.2 |
| 汚泥日令 | | 23 | | 19 | | 19 | | 21 | | 21 | | 15 | | 16 | | 14 | | 23 | | 17 | | 19 |
| S R T | | 8.6 | | 9.6 | | 8.9 | | 8.1 | | 8.2 | | 10 | | 11 | | 10 | | 13 | | 11 | | 10 |
| BOD-SS 負荷 | | 0.10 | | 0.09 | | 0.07 | | 0.07 | | 0.09 | | 0.07 | | 0.11 | | 0.12 | | 0.10 | | 0.12 | | 0.12 |

4系運転条件(2)

| 項目 | 9/15 | 9/21 | 9/28 | 10/6 | 10/12 | 10/19 | 10/26 | 11/2 | 11/9 | 11/16 | 11/24 | 12/1 | 12/7 | 12/14 | 12/21 | 1/5 | 1/11 | 1/18 | 1/25 | 2/1 | 2/8 | 2/15 |
|-----------|------|------|------|------|-------|-------|-------|------|------|-------|-------|------|------|-------|-------|-----|------|------|------|-----|-----|------|
| 反応タンク流入水量 | 180 | 200 | 270 | 190 | 180 | 170 | 160 | 160 | 160 | 190 | 170 | 170 | 150 | 160 | 130 | 140 | 140 | 130 | 130 | 150 | 130 | 130 |
| 返送汚泥率 | 40 | 40 | 40 | 41 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 45 | 51 | 50 | 50 | 51 | 46 | 48 | 51 | 50 | |

全項目・重金属試験 (PRTR対象物質含む)

| 採取場所 項目 | 処理場流入水 | | | 放流水 | | |
|-----------------|--------|-------|-------|------|-------|----|
| | 5/25 | 11/16 | 平均 | 5/25 | 11/16 | 平均 |
| カドミウム及びその化合物 | ND | ND | ND | ND | ND | ND |
| シアン化合物 | ND | ND | ND | ND | ND | ND |
| 有機燐化合物 | ND | ND | ND | ND | ND | ND |
| 鉛及びその化合物 | ND | ND | ND | ND | ND | ND |
| 六価クロム化合物 | ND | ND | ND | ND | ND | ND |
| 砒素及びその化合物 | ND | 0.007 | ND | ND | ND | ND |
| 全水銀 | ND | ND | ND | ND | ND | ND |
| アルキル水銀化合物 | ND | ND | ND | ND | ND | ND |
| PCB | ND | ND | ND | ND | ND | ND |
| トリクロロエチレン | ND | ND | ND | ND | ND | ND |
| テトラクロロエチレン | ND | ND | ND | ND | ND | ND |
| ジクロロメタン | ND | ND | ND | ND | ND | ND |
| 四塩化炭素 | ND | ND | ND | ND | ND | ND |
| 1,2-ジクロロエタン | ND | ND | ND | ND | ND | ND |
| 1,1-ジクロロエチレン | ND | ND | ND | ND | ND | ND |
| シス-1,2-ジクロロエチレン | ND | ND | ND | ND | ND | ND |
| 1,1,1-トリクロロエタン | ND | ND | ND | ND | ND | ND |
| 1,1,2-トリクロロエタン | ND | ND | ND | ND | ND | ND |
| 1,3-ジクロロプロペン | ND | ND | ND | ND | ND | ND |
| チウラム | ND | ND | ND | ND | ND | ND |
| シマジン | ND | ND | ND | ND | ND | ND |
| チオベンカルブ | ND | ND | ND | ND | ND | ND |
| ベンゼン | ND | ND | ND | ND | ND | ND |
| セレン及びその化合物 | ND | ND | ND | ND | ND | ND |
| ほう素及びその化合物 | ND | 0.1 | ND | ND | ND | ND |
| ぶっ素及びその化合物 | ND | ND | ND | ND | ND | ND |
| 1,4-ジオキサン | ND | ND | ND | ND | ND | ND |
| フェノール類含有量 | ND | ND | ND | ND | ND | ND |
| 銅含有量 | ND | 0.02 | ND | ND | ND | ND |
| 亜鉛含有量 | ND | 0.08 | ND | ND | ND | ND |
| 全鉄含有量 | 0.21 | 15 | 7.6 | ND | ND | ND |
| 全マンガン含有量 | 0.11 | 0.22 | 0.17 | ND | ND | ND |
| クロム含有量 | ND | ND | ND | ND | ND | ND |
| トルエン | ND | ND | ND | ND | ND | ND |
| アンチモン | ND | ND | ND | ND | ND | ND |
| 銀 | ND | ND | ND | ND | ND | ND |
| ニッケル | ND | 0.049 | 0.025 | ND | ND | ND |
| モリブデン | ND | ND | ND | ND | ND | ND |

(2) 生物試験

反応タンク混合液(1系)

| 群 | 生物名等 | 4/6 | 5/11 | 6/8 | 7/6 | 8/3 | 8/31 | 9/28 | 10/26 | 11/24 | 12/21 | 1/25 | 2/22 | 3/22 |
|-------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------|
| I | 高負荷 <i>Bodo, Monas</i> 等 その他 | rr | | | rr | | rr | rr | | | | | + | |
| II | やや高負荷 <i>Uronema</i> 等 その他 | | | | | | | | | | | | | |
| | 合計 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| III | 中間状態 (IIとIV又は、IVとVの中間) | <i>Tracheiophyllum</i> 120 420 合計 | 40 60 280 380 | 140 160 300 | 200 60 200 460 | 20 40 260 320 | 80 100 1,900 2,080 | 240 140 320 700 | 80 100 80 260 | 20 140 200 360 | 60 360 180 600 | 20 20 920 960 | 120 120 40 280 | 120 20 200 340 |
| IV | 良好な状態 | <i>Vorticella</i> 4,140 <i>Epistylis</i> 4,040 <i>Carchesium</i> 等 40 <i>Aspidisca</i> 120 合計 | 1,600 380 900 20 2,900 | 80 3,820 40 40 3,940 | 1,300 1,440 860 40 3,640 | 2,300 1,200 140 40 2,440 | 2,620 1,200 280 280 4,100 | 1,580 280 80 160 2,100 | 540 1,420 40 560 2,560 | 820 720 100 100 1,740 | 1,100 1,260 60 120 2,620 | 1,700 4,900 60 1,000 7,660 | 580 1,700 500 40 2,780 | 2,160 3,500 560 180 6,400 |
| V | 低負荷 (SRT長い) | <i>Peranema</i> 240 <i>Entosiphon</i> 3,420 <i>Arcella</i> 320 <i>Pyxidicula</i> 380 <i>Euglypha</i> 等 480 <i>Amoeba</i> 等 100 <i>Coleps</i> 等 140 <i>Rotaria</i> 等 140 <i>Lepadella</i> 等 合計 | 20 300 2,800 300 300 520 360 140 140 40 4,580 | 180 4,160 240 240 420 780 120 840 40 6,780 | 20 180 1,280 240 460 320 20 40 40 2,580 | 20 460 1,640 480 340 200 20 40 20 3,400 | 40 120 1,600 60 280 380 40 20 100 2,600 | 40 420 3,060 540 320 60 580 60 140 4,520 | 80 320 5,120 420 480 480 1,020 60 180 7,260 | 80 1,100 3,400 420 520 580 460 300 60 6,900 | 40 900 4,940 120 580 460 200 60 200 7,260 | 40 240 320 120 440 600 40 20 100 2,040 | 540 140 20 320 460 380 20 180 60 2,120 | 200 40 420 1,340 260 680 380 80 160 40 3,600 |
| その他 | <i>Diplogaster</i> 等 スピロヘータ その他 | - | - | rr | ++ | ++ | +++ | ++ | ++ | ++ | ++ | r | + | r |
| | 合計 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 総生物数 | | 15,140 | 7,880 | 11,020 | 6,680 | 6,160 | 8,780 | 7,320 | 10,080 | 9,000 | 10,480 | 10,660 | 5,180 | 10,340 |
| 糸状微生物 | 全体 | + | + | r | + | + | + | r | r | r | r | r | + | ++ |
| | Type1851 | + | + | r | + | + | + | r | r | r | r | r | + | ++ |
| | Type021N | - | rr | rr | - | - | rr | rr | r | r | - | rr | rr | rr |
| | <i>Microthrix</i> | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | <i>Thiothrix</i> | | | | | | | | | | | | | |
| | <i>Nostocoida</i> | + | rr | | | | | | | | rr | rr | r | r |
| | Type0803 | | rr | | | | | | | | | | | |
| | <i>Beggiatoa</i> | | rr | | | | | | | | | | | |
| | <i>Zoogloea</i> | | | | | | | | | | | | | |
| | Type0581 | | | | | | | | | | | | | |
| | Type1701 | | | | | | | | | | | | | |
| | Type0041 | | | | | | | | | | | | | |
| | <i>Sphaerotilus</i> | | | | | | | | | | | | | |
| | <i>Zoophagus</i> (真菌) | | | | | | | | | | | | | |
| 放線菌 | - | - | - | - | - | - | - | rr | rr | r | rr | - | - | - |

反応タンク混合液(2系)

| 群 | 生 物 名 等 | 4/13 | 5/18 | 6/15 | 7/14 | 8/10 | 9/7 | 10/6 | 11/2 | 12/1 | 1/5 | 2/1 | 3/1 | 3/29 | | |
|-----------------------|------------------------------------|------------------------|--------|--------|--------|--------|-------|--------|--------|-------|-------|-------|-------|-------|-------|---|
| I | 高負荷 <i>Bodo, Monas</i> 等 その他 | | | rr | | | rr | | rr | rr | | rr | r | | | |
| II | やや高負荷 <i>Uronema</i> 等 その他 | 40 | | | | | | | | | 0 | 0 | 0 | 0 | | |
| | 合 計 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| III | 中間状態 (IIとIV又 は、IVとV の中間) | <i>Trachelophyllum</i> | 60 | 200 | 60 | 100 | 20 | 160 | 100 | | 120 | | 260 | 60 | 60 | |
| | <i>Litonotus</i> | 40 | 200 | 20 | 20 | 60 | 60 | 260 | | 140 | 20 | 100 | 80 | 40 | | |
| | その他 | 100 | 120 | 80 | 40 | 560 | 300 | 380 | 200 | 100 | 1,200 | 240 | 40 | 300 | | |
| | 合 計 | 200 | 520 | 160 | 160 | 640 | 520 | 740 | 200 | 360 | 1,220 | 600 | 180 | 400 | | |
| IV | 良好な 状態 | <i>Vorticella</i> | 360 | 480 | 600 | 340 | 2,380 | 2,740 | 2,140 | 1,000 | 140 | 100 | 1,960 | 880 | 1,980 | |
| | | <i>Epistylis</i> | 5,580 | 1,580 | 200 | | 1,980 | 300 | 940 | 1,240 | 1,800 | 1,860 | 3,960 | 3,960 | 1,940 | |
| | | <i>Carchesium</i> 等 | | | | | | | 200 | | | 40 | 320 | 180 | 380 | |
| | | <i>Aspidisca</i> | 260 | 40 | 120 | 440 | 2,100 | 760 | 320 | 80 | 280 | 1,660 | 580 | 60 | 40 | |
| | | <i>Tokophrya</i> 等 | | 20 | 20 | | 20 | 20 | | 20 | 60 | | 20 | | | |
| | | その他 | | 20 | 540 | 20 | | | | | 80 | | 40 | | | |
| 合 計 | 6,200 | 2,140 | 1,480 | 800 | 6,480 | 3,820 | 3,600 | 2,340 | 2,360 | 3,660 | 6,880 | 5,080 | 4,340 | | | |
| V | 低負荷 (SRT長い) | <i>Peranema</i> | | | 40 | 20 | | 40 | | 20 | | 40 | 40 | 360 | 40 | |
| | | <i>Entosiphon</i> | | | | | 20 | | | 20 | | | | | 60 | |
| | | <i>Arcella</i> | 80 | 300 | 400 | 280 | 420 | 300 | 420 | 440 | 1,140 | 1,240 | 380 | 200 | 620 | |
| | | <i>Pyxidicula</i> | 1,380 | 7,580 | 6,380 | 560 | 7,420 | 960 | 2,800 | 7,940 | 460 | 160 | 120 | | 20 | |
| | | <i>Euglypha</i> 等 | 340 | 300 | 220 | 200 | 2,020 | 60 | 380 | 480 | 540 | 460 | 300 | 160 | 460 | |
| | | <i>Amoeba</i> 等 | 560 | 300 | 360 | 200 | 900 | 400 | 1,960 | 500 | 1,960 | 1,000 | 440 | 640 | 1,100 | |
| | | <i>Coleps</i> 等 | 860 | 540 | 540 | 100 | 300 | 200 | 540 | 520 | 540 | 440 | 240 | 480 | 680 | |
| | | <i>Rotaria</i> 等 | 60 | 20 | 60 | | 20 | 20 | | 20 | 80 | 20 | | 60 | 80 | |
| | | <i>Lepadella</i> 等 | 120 | 560 | 80 | 40 | 260 | 40 | 20 | 180 | 160 | 380 | 260 | | 80 | |
| | | <i>Chaetonotus</i> 等 | 40 | 40 | 80 | 140 | 100 | 60 | 80 | 20 | | 20 | 40 | | 20 | |
| | | その他 | | | 400 | | | | | | 140 | 140 | 40 | | | |
| 合 計 | 3,440 | 9,640 | 8,560 | 1,540 | 11,460 | 2,080 | 6,200 | 10,280 | 5,020 | 3,800 | 1,820 | 1,900 | 3,160 | | | |
| その他 | <i>Diplogaster</i> 等 スピロヘータ | - | rr | + | r | r | + | + | ++ | 20 | ++ | r | r | ++ | r | |
| | その他 | | | | | | | | | | 20 | | | | | |
| 合 計 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 20 | 0 | 0 | 0 | | |
| 総 生 物 数 | | 9,880 | 12,300 | 10,200 | 2,500 | 18,580 | 6,420 | 10,540 | 12,840 | 7,740 | 8,700 | 9,300 | 7,160 | 7,900 | | |
| 糸 状 微 生 物 | 糸状細菌 | 全 体 | + | + | + | r | + | + | + | r | r | rr | r | + | + | |
| | | <i>Type1851</i> | + | + | + | r | + | + | + | r | r | - | r | + | + | |
| | | <i>Type021N</i> | - | - | rr | rr | rr | rr | rr | - | rr | rr | rr | rr | rr | - |
| | | <i>Microthrix</i> | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | <i>Thiothrix</i> | | | | | | | | rr | | | | | | |
| | | <i>Nostocoida</i> | + | | | | | | | | rr | | rr | rr | r | |
| | | <i>Type0803</i> | | | | | | | | | | | | | | |
| | | <i>Beggiatoa</i> | | rr | | | | | | | | | | | | |
| | | <i>Zoogloea</i> | | | | | | | | | | rr | | | | |
| | | <i>Type0581</i> | | | | | | | | | | | | | | |
| | | <i>Type1701</i> | | | | | | | | | | | | | | |
| | | <i>Type0041</i> | | | | | | | | | | | | | | |
| | | <i>Sphaerotilus</i> | | | | | | | | | | | | | | |
| | | <i>Zoophagus</i> (真菌) | | | | | | | | | | | | | | |
| 放 線 菌 | - | - | - | - | - | rr | r | r | r | - | - | - | - | | | |

反応タンク混合液(3系)

| 群 | 生 物 名 等 | 4/20 | 5/25 | 6/22 | 7/20 | 8/17 | 9/15 | 10/12 | 11/9 | 12/7 | 1/11 | 2/8 | 3/8 |
|-----------------------|---------------------------------------|--------|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|
| I | 高負荷 <i>Bodo, Monas</i> 等 その他 | | rr | | rr | rr | | | | | | r | r |
| II | やや高負荷 <i>Uronema</i> 等 その他 | | | | | | | | | | | | |
| | 合 計 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| III | 中間状態 (IIとIV又は、IVとVの中間) | | | | | | | | | | | | |
| | <i>Trachelophyllum</i> | | 40 | 180 | | 240 | 20 | | 40 | 80 | 280 | 80 | 60 |
| | <i>Litonotus</i> | 60 | 20 | 80 | 20 | 40 | 20 | | 60 | 20 | 40 | 400 | |
| | その他 | | 220 | 100 | 560 | 540 | 640 | 60 | 140 | 80 | 520 | 640 | |
| | 合 計 | 60 | 280 | 360 | 580 | 820 | 680 | 60 | 240 | 180 | 840 | 1,120 | 60 |
| IV | 良好な状態 | | | | | | | | | | | | |
| | <i>Vorticella</i> | 1,260 | 3,220 | 1,740 | 1,500 | 180 | 2,580 | 2,520 | 480 | 500 | 2,060 | 460 | 1,780 |
| | <i>Epistylis</i> | 7,380 | 3,800 | 200 | 140 | 4,680 | 60 | 1,360 | 1,440 | 2,780 | 1,560 | 1,560 | 5,020 |
| | <i>Carchesium</i> 等 | | | | | | | | | 260 | | | 1,660 |
| | <i>Aspidisca</i> | 100 | 140 | 300 | 800 | 480 | 520 | 300 | 60 | | 2,040 | 900 | 200 |
| | <i>Tokophrya</i> 等 | | 80 | | | 40 | | 40 | 20 | | 20 | 40 | |
| | その他 | 40 | 80 | | | | | | | 40 | | 60 | |
| | 合 計 | 8,780 | 7,320 | 2,240 | 2,440 | 5,380 | 3,160 | 4,220 | 2,000 | 3,580 | 5,680 | 3,020 | 8,660 |
| V | 低負荷 (SRT長い) | | | | | | | | | | | | |
| | <i>Peranema</i> | 40 | | 40 | 20 | | | | | 60 | 80 | 320 | 20 |
| | <i>Entosiphon</i> | | 20 | | | | 60 | 20 | | | | 140 | |
| | <i>Arcella</i> | 400 | 640 | 740 | 1,440 | 300 | 340 | 140 | 2,100 | 800 | 920 | 800 | 1,080 |
| | <i>Pyxidicula</i> | 9,320 | 12,080 | 960 | 1,680 | 2,080 | 1,240 | 8,500 | 1,900 | 380 | 420 | 880 | 2,040 |
| | <i>Euglypha</i> 等 | 480 | 680 | 260 | 640 | 200 | 280 | 120 | 140 | 160 | 360 | 180 | 20 |
| | <i>Amoeba</i> 等 | 40 | 680 | 300 | 180 | 300 | 280 | 780 | 640 | 240 | 60 | 1,720 | 580 |
| | <i>Coleps</i> 等 | 160 | 560 | 40 | 100 | 60 | 200 | 80 | 640 | 420 | 680 | 320 | 180 |
| | <i>Rotaria</i> 等 | 80 | 40 | 20 | | 80 | 60 | 40 | 140 | 20 | | | |
| | <i>Lepadella</i> 等 | 240 | 440 | 140 | 20 | | 40 | 620 | 2,000 | 60 | 620 | 720 | 140 |
| | <i>Chaetonotus</i> 等 | 20 | 60 | 140 | 40 | 180 | 20 | 80 | | 20 | 60 | 40 | 60 |
| | その他 | | | | | | 20 | | | | | | 40 |
| | 合 計 | 10,780 | 15,200 | 2,640 | 4,120 | 3,200 | 2,540 | 10,380 | 7,560 | 2,160 | 3,200 | 5,120 | 4,160 |
| その他 | <i>Diplogaster</i> 等 スピロヘータ その他 | - | ++ | + | ++ | +++ | + | ++ | ++ | ++ | + | + | +++ |
| | 合 計 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 |
| 総 生 物 数 | | 19,620 | 22,800 | 5,260 | 7,140 | 9,400 | 6,380 | 14,660 | 9,800 | 5,920 | 9,740 | 9,260 | 12,880 |
| 系 状 微 生 物 | 全 体 | + | + | r | r | + | r | + | rr | rr | rr | rr | r |
| | <i>Type1851</i> | + | + | r | r | + | r | + | rr | rr | rr | rr | rr |
| | <i>Type021N</i> | rr | rr | - | r | rr | - | rr | - | - | rr | - | rr |
| | <i>Microthrix</i> | - | - | - | - | - | - | - | - | - | - | - | - |
| | <i>Thiothrix</i> | | | | | | | | | | | | rr |
| | <i>Nostocoida</i> | r | | rr | | | | | | | | | |
| | <i>Type0803</i> | | | | | | | | | | | | |
| | <i>Beggiatoa</i> | | | rr | | | | | | | | | |
| | <i>Zoogloea</i> | | | | | | | | | | | | |
| | <i>Type0581</i> | | | | | | | | | | | | |
| | <i>Type1701</i> | | | | | | | | | | | | |
| | <i>Type0041</i> | | | | | | | | | | | | |
| | <i>Sphaerotilus</i> | | | | | | | | | | | | |
| | <i>Zoophagus</i> (真菌) | | | | | | | | | | | | |
| 放 線 菌 | - | - | - | - | - | rr | r | - | - | - | - | - | |

反応タンク混合液(4系)

| 群 | 生 物 名 等 | 4/27 | 6/1 | 6/29 | 7/27 | 8/24 | 9/21 | 10/19 | 11/16 | 12/14 | 1/18 | 2/15 | 3/16 |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--------|-------|
| I | 高負荷 <i>Bodo, Monas</i> 等 その他 | | rr | rr | | rr | rr | | | | | | rr |
| II | やや高負荷 <i>Uronema</i> 等 その他 合 計 | | | | | | | | | | | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| III | 中間状態 (IIとIV又は、IVとVの中間) <i>Trachelophyllum</i> <i>Litonotus</i> その他 合 計 | | 120 | 60 | 220 | | 100 | 20 | 80 | 80 | 180 | 120 | 100 |
| | | 120 | 80 | 60 | 40 | 20 | 80 | 20 | 200 | 40 | 140 | 80 | 60 |
| | | 460 | 440 | 680 | 60 | 300 | 240 | 300 | 100 | 120 | 420 | 220 | 20 |
| | | 580 | 640 | 800 | 320 | 320 | 420 | 340 | 380 | 240 | 740 | 420 | 180 |
| IV | 良好な状態 <i>Vorticella</i> <i>Epistylis</i> <i>Carchesium</i> 等 <i>Aspidisca</i> <i>Tokophrya</i> 等 その他 合 計 | 1,300 | 1,020 | 2,460 | 1,320 | 2,700 | 1,400 | 880 | 1,340 | 600 | 680 | 620 | 240 |
| | | 500 | 220 | 300 | 380 | 620 | 80 | 720 | 2,840 | 2,520 | 1,640 | 3,580 | 1,040 |
| | | 760 | 680 | 600 | 2,240 | 980 | 840 | 180 | 120 | 300 | 220 | 240 | 160 |
| | | 20 | 20 | | | 40 | | 20 | 40 | 560 | 580 | 600 | 120 |
| | | 40 | | | | | | | 100 | 80 | 40 | | |
| | | 2,620 | 1,940 | 3,360 | 3,940 | 4,340 | 2,320 | 1,800 | 4,440 | 4,060 | 3,160 | 5,080 | 1,560 |
| V | 低負荷 (SRT長い) <i>Peranema</i> <i>Entosiphon</i> <i>Arcella</i> <i>Pyxidicula</i> <i>Euglypha</i> 等 <i>Amoeba</i> 等 <i>Coleps</i> 等 <i>Rotaria</i> 等 <i>Lepadella</i> 等 <i>Chaetonotus</i> 等 その他 合 計 | | 60 | 20 | | 20 | | 20 | | 120 | | 160 | 340 |
| | | | 40 | 80 | | 100 | | | | | | 80 | 20 |
| | | 300 | 680 | 800 | 900 | 360 | 460 | 680 | 1,000 | 2,380 | 620 | 1,340 | 1,140 |
| | | 4,360 | 3,300 | 2,260 | 1,100 | 1,840 | 1,420 | 1,280 | 1,960 | 580 | 140 | 1,960 | 2,660 |
| | | 460 | 260 | 1,520 | 280 | 120 | 420 | 820 | 180 | 580 | 160 | 240 | 300 |
| | | 460 | 400 | 120 | 120 | 320 | 320 | 2,900 | 1,240 | 1,120 | 480 | 320 | 1360 |
| | | 320 | 260 | 400 | 200 | 420 | 200 | 280 | 620 | 320 | 160 | 800 | 320 |
| | | 20 | 20 | | 80 | | 20 | | | | | | |
| | | 120 | 160 | | | | 40 | 180 | 280 | 760 | 200 | 340 | 80 |
| | | 80 | | 140 | 180 | 100 | 40 | 60 | 40 | 40 | 20 | 120 | |
| | | | | 220 | | | 140 | | | | | 80 | |
| | | 6,120 | 5,180 | 5,560 | 2,860 | 3,280 | 3,060 | 6,220 | 5,320 | 5,900 | 1,780 | 5,440 | 6,220 |
| その他 | <i>Diplogaster</i> 等 スピロヘータ その他 合 計 | r | ++ | + | ++ | r | ++ | +++ | ++ | ++ | ++ | ++ | +++ |
| | | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 |
| 総 | 生 物 数 | 9,320 | 7,760 | 9,720 | 7,160 | 7,940 | 5,800 | 8,360 | 10,140 | 10,220 | 5,680 | 10,940 | 7,960 |
| 系 状 微 生 物 | 全 体 | + | r | + | ++ | + | r | r | r | rr | rr | r | r |
| | <i>Type1851</i> | + | r | + | ++ | + | r | r | r | rr | rr | r | r |
| | <i>Type021N</i> | - | - | rr | r | rr | rr | rr | - | rr | - | - | - |
| | <i>Microthrix</i> | - | - | - | - | - | - | - | - | - | - | - | - |
| | <i>Thiothrix</i> | | | | | | | | | | rr | | |
| | <i>Nostocoida</i> | r | | rr | | | | | | | | | |
| | <i>Type0803</i> | | | | | | | | | | | | |
| | <i>Beggiatoa</i> | | | | | | | | | | | | |
| | <i>Zoogloea</i> | | | | | | | | | | | | |
| | <i>Type0581</i> | | | | | | | | | | | | |
| | <i>Type1701</i> | | | | | | | | | | | | |
| | <i>Type0041</i> | | | | | | | | | | | | |
| | <i>Sphaerotilus</i> | | | | | | | | | | | | |
| | <i>Zoophagus</i> (真菌) | | | | | | | | | | | | |
| 放 線 菌 | - | - | - | - | - | - | - | - | - | - | - | - | - |

(3) 汚泥試験

初沈引抜汚泥(1)

| 項 目 | 4/13 | 4/27 | 5/18 | 6/1 | 6/15 | 6/29 | 7/14 | 7/27 | 8/10 | 8/24 | 9/15 | 9/28 | 10/12 | 10/26 |
|-------|------|------|------|-----|------|------|------|------|------|------|------|------|-------|-------|
| pH | 6.8 | 6.9 | 6.8 | 6.6 | 6.4 | 6.6 | 7.0 | 6.6 | 5.9 | 6.8 | 6.7 | 6.6 | 6.7 | 6.8 |
| 固 形 分 | 0.2 | 0.2 | 0.1 | 0.2 | 0.3 | 0.3 | 0.1 | 0.1 | 1.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |

初沈引抜汚泥(2)

| 項 目 | 11/9 | 11/24 | 12/7 | 12/21 | 1/11 | 1/25 | 2/8 | 2/22 | 3/8 | 3/22 | 回数 | 最高 | 最低 | 平均 |
|-------|------|-------|------|-------|------|------|-----|------|-----|------|----|-----|-----|-----|
| pH | 6.7 | 6.8 | 6.6 | 6.3 | 6.8 | 6.6 | 6.8 | 6.2 | 6.8 | 6.8 | 24 | 7.0 | 5.9 | 6.7 |
| 固 形 分 | 0.2 | 0.1 | 0.3 | 0.4 | 0.1 | 0.3 | 0.1 | 1.0 | 0.1 | 0.2 | 24 | 1.0 | 0.1 | 0.2 |

重力濃縮汚泥(1)

| 項 目 | 4/13 | 4/27 | 5/18 | 6/1 | 6/15 | 6/29 | 7/14 | 7/27 | 8/10 | 8/24 | 9/15 | 9/28 | 10/12 | 10/26 |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| pH | 5.3 | 5.5 | 4.8 | 5.0 | 4.8 | 4.8 | 4.8 | 4.7 | 4.7 | 4.7 | 6.2 | 4.8 | 4.8 | 5.0 |
| 固 形 分 | 2.9 | 3.0 | 3.5 | 2.8 | 3.0 | 3.1 | 4.4 | 2.6 | 1.8 | 2.2 | 2.2 | 1.3 | 1.9 | 2.2 |
| 有 機 分 | | 92.6 | | 91.8 | | 90.2 | | 91.6 | | 90.6 | | 90.1 | | 91.7 |

重力濃縮汚泥(2)

| 項 目 | 11/9 | 11/24 | 12/7 | 12/21 | 1/11 | 1/25 | 2/8 | 2/22 | 3/8 | 3/22 | 回数 | 最高 | 最低 | 平均 |
|-------|------|-------|------|-------|------|------|-----|------|-----|------|----|------|------|------|
| pH | 5.1 | 5.2 | 5.0 | 5.2 | 5.5 | 5.5 | 5.4 | 5.5 | 5.4 | 5.5 | 24 | 6.2 | 4.7 | 5.1 |
| 固 形 分 | 3.2 | 2.5 | 2.8 | 2.0 | 2.1 | 1.7 | 2.4 | 3.5 | 3.9 | 3.7 | 24 | 4.4 | 1.3 | 2.7 |
| 有 機 分 | | 91.7 | | 92.2 | | 92.5 | | 93.5 | | 92.9 | 12 | 93.5 | 90.1 | 91.8 |

重力濃縮越流水(1)

| 項 目 | 4/13 | 4/27 | 5/18 | 6/1 | 6/15 | 6/29 | 7/14 | 7/27 | 8/10 | 8/24 | 9/15 | 9/28 | 10/12 | 10/26 |
|-----|------|------|------|-----|------|------|------|------|------|------|------|------|-------|-------|
| pH | | | | | | | | 5.8 | | 5.7 | | 5.2 | | 6.1 |
| SS | | | | | | | | 172 | | 353 | | 195 | | 463 |

重力濃縮越流水(2)

| 項 目 | 11/9 | 11/24 | 12/7 | 12/21 | 1/11 | 1/25 | 2/8 | 2/22 | 3/8 | 3/22 | 回数 | 最高 | 最低 | 平均 |
|-----|------|-------|------|-------|------|------|-----|------|-----|------|----|-----|-----|-----|
| pH | | 6.2 | | 6.4 | | 6.5 | | 6.3 | | 6.2 | 9 | 6.5 | 5.2 | 6.0 |
| SS | | 243 | | 208 | | 163 | | 290 | | 237 | 9 | 463 | 163 | 258 |

混合汚泥(1)

| 項 目 | 4/13 | 4/27 | 5/18 | 6/1 | 6/15 | 6/29 | 7/14 | 7/27 | 8/10 | 8/24 | 9/15 | 9/28 | 10/12 | 10/26 |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| pH | 6.1 | 6.2 | 5.7 | 5.7 | 5.6 | 5.5 | 5.3 | 5.5 | 5.5 | 5.3 | 5.5 | 5.5 | 5.6 | 5.7 |
| 固 形 分 | 1.1 | 1.1 | 1.1 | 1.0 | 1.1 | 1.6 | 1.1 | 1.0 | 0.9 | 1.1 | 0.9 | 0.9 | 0.8 | 1.0 |
| 有 機 分 | | 87.9 | | 87.2 | | 66.5 | | 86.4 | | 86.7 | | 85.5 | | 87.4 |

混合汚泥(2)

| 項 目 | 11/9 | 11/24 | 12/7 | 12/21 | 1/11 | 1/25 | 2/8 | 2/22 | 3/8 | 3/22 | 回数 | 最高 | 最低 | 平均 |
|-------|------|-------|------|-------|------|------|-----|------|-----|------|----|------|------|------|
| pH | 5.8 | 5.5 | 5.7 | 5.8 | 5.7 | 5.8 | 6.0 | 6.1 | 5.9 | 6.2 | 24 | 6.2 | 5.3 | 5.7 |
| 固 形 分 | 1.1 | 1.1 | 1.4 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 24 | 1.6 | 0.8 | 1.2 |
| 有 機 分 | | 87.0 | | 89.3 | | 89.4 | | 89.7 | | 89.4 | 12 | 89.7 | 66.5 | 86.0 |

脱水分離液No.2(1)

| 項 目 | 4/13 | 4/27 | 5/18 | 6/1 | 6/15 | 6/29 | 7/14 | 7/27 | 8/10 | 8/24 | 9/15 | 9/28 | 10/12 | 10/26 |
|-----|------|------|------|-----|------|------|------|------|------|------|------|------|-------|-------|
| pH | | | | | | | | | | | | | | |
| SS | | | | | | | | | | | | | | |

脱水分離液No.2(2)

| 項 目 | 11/9 | 11/24 | 12/7 | 12/21 | 1/11 | 1/25 | 2/8 | 2/22 | 3/8 | 3/22 | 回数 | 最高 | 最低 | 平均 |
|-----|------|-------|------|-------|------|------|-----|------|-----|------|----|----|----|----|
| pH | | | | | | | | | | | | | | |
| SS | | | | | | | | | | | | | | |

脱水分離液No.3(1)

| 項 目 | 4/13 | 4/27 | 5/18 | 6/1 | 6/15 | 6/29 | 7/14 | 7/27 | 8/10 | 8/24 | 9/15 | 9/28 | 10/12 | 10/26 |
|-----|------|------|------|-----|------|------|------|------|------|------|------|------|-------|-------|
| pH | | 4.8 | | | | | | | | | | 3.7 | | 4.1 |
| SS | | 16 | | | | | | | | | | 98 | | 170 |

脱水分離液No.3(2)

| 項 目 | 11/9 | 11/24 | 12/7 | 12/21 | 1/11 | 1/25 | 2/8 | 2/22 | 3/8 | 3/22 | 回数 | 最高 | 最低 | 平均 |
|-----|------|-------|------|-------|------|------|-----|------|-----|------|----|-----|-----|-----|
| pH | | 4.1 | | 4.1 | | 4.2 | | 4.4 | | 4.3 | 8 | 4.8 | 3.7 | 4.2 |
| SS | | 210 | | 127 | | 320 | | 260 | | 173 | 8 | 320 | 16 | 172 |

汚泥濃縮運転条件(1)

| 項 目 | 4/13 | 4/27 | 5/18 | 6/1 | 6/15 | 6/29 | 7/14 | 7/27 | 8/10 | 8/24 | 9/15 | 9/28 | 10/12 | 10/26 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 汚泥投入量(m ³ /日) | 1,300 | 1,310 | 1,300 | 1,310 | 1,310 | 1,300 | 1,830 | 1,830 | 2,330 | 2,080 | 2,080 | 2,090 | 1,820 | 1,430 |
| 滞 留 時 間 | 18 | 18 | 18 | 18 | 18 | 18 | 13 | 13 | 9.9 | 11 | 11 | 11 | 13 | 16 |
| 固形物負荷(kg/m ² /日) | 10 | 10 | 5.1 | 10 | 15 | 15 | 7.2 | 7.2 | 9.2 | 8.2 | 8.2 | 8.2 | 7.2 | 5.6 |

汚泥濃縮運転条件(2)

| 項 目 | 11/9 | 11/24 | 12/7 | 12/21 | 1/11 | 1/25 | 2/8 | 2/22 | 3/8 | 3/22 | 回数 | 最高 | 最低 | 平均 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-------|-------|-------|
| 汚泥投入量(m ³ /日) | 1,430 | 1,370 | 1,350 | 1,370 | 1,400 | 1,440 | 1,440 | 1,430 | 1,430 | 1,440 | 24 | 2,330 | 1,300 | 1,560 |
| 滞 留 時 間 | 16 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 24 | 18 | 9.9 | 15 |
| 固形物負荷(kg/m ² /日) | 11 | 5.4 | 16 | 22 | 5.5 | 17 | 5.7 | 5.6 | 5.6 | 11 | 24 | 56 | 5.1 | 12 |

脱水ケーキ固形分(1)

| 項 目 | 4/6 | 4/13 | 4/20 | 4/27 | 5/11 | 5/18 | 5/25 | 6/1 | 6/8 | 6/15 | 6/22 | 6/29 | 7/6 | 7/14 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| No2 | | 28.43 | 29.65 | | | 28.73 | | 28.60 | 27.93 | 28.14 | 31.00 | 34.81 | 27.88 | 32.54 |
| No3 | 30.37 | | | 27.46 | 28.71 | | 28.01 | | | | | | | |

脱水ケーキ固形分(2)

| 項 目 | 7/20 | 7/27 | 8/3 | 8/10 | 8/17 | 8/24 | 8/31 | 9/7 | 9/15 | 9/21 | 9/28 | 10/6 | 10/12 | 10/19 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| No2 | 31.60 | 31.28 | 31.00 | 30.58 | 32.16 | 27.66 | 31.63 | | | 27.33 | | | 28.41 | |
| No3 | | | | | | | | 31.92 | 29.79 | | 31.09 | 30.06 | | 31.92 |

脱水ケーキ固形分(3)

| 項 目 | 10/26 | 11/2 | 11/9 | 11/16 | 11/24 | 12/1 | 12/7 | 12/14 | 12/21 | 1/5 | 1/11 | 1/18 | 1/25 | 2/1 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| No2 | | 28.70 | | 27.57 | | 31.10 | | 27.89 | | 28.35 | | 25.45 | | 29.33 |
| No3 | 30.05 | | 28.74 | | 28.36 | | 29.55 | | 27.17 | | 30.22 | | 29.06 | |

脱水ケーキ固形分(41)

| | 2/8 | 2/15 | 2/22 | 3/1 | 3/8 | 3/16 | 3/22 | 3/29 | 回数 | 最大 | 最小 | 平均 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|----|-------|-------|-------|
| No2 | | 26.74 | | | | 26.14 | | 27.99 | 29 | 34.81 | 25.45 | 29.26 |
| No3 | 26.91 | | 26.72 | 29.01 | 26.84 | | 26.61 | | 21 | 31.92 | 26.61 | 28.98 |

脱水ケーキ含有量(PRTR対象物質含む)

| 項 目 | 5/25 | 11/16 | 平均 |
|-------|--------|--------|--------|
| 固形分 | 28.01 | 27.57 | 27.79 |
| 銅 | 120 | 110 | 120 |
| 亜鉛 | 190 | 190 | 190 |
| 全鉄 | 22,000 | 12,000 | 17,000 |
| 全マンガン | 480 | 520 | 500 |
| カドミウム | ND | ND | ND |
| 鉛 | 6 | 6 | 6 |
| 全クロム | 10 | 14 | 12 |
| ひ素 | 4 | 5 | 5 |
| 全水銀 | 0.089 | 0.054 | 0.072 |
| セレン | 2 | 2 | 2 |
| ほう素 | ND | ND | ND |
| ニッケル | 8 | 73 | 41 |
| モリブデン | 3 | 3 | 3 |
| 銀 | 4 | 5 | 5 |
| アンチモン | ND | ND | ND |