

Ⅲ-7 浄化センターの各種操作量、使用状況

1. 東浄化センター（公共下水道）

（平成28年度）

| 項目 | 月別 | | | | | | | | | | | | 日平均 | |
|-------------------------------------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|----------|
| | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | | 合計 |
| 総汚水流入量 (m ³) | 461,210 | 479,226 | 486,442 | 543,483 | 548,035 | 629,044 | 529,519 | 491,609 | 566,637 | 533,784 | 520,476 | 472,430 | 6,261,895 | 17,155.9 |
| A系汚水流入量 (m ³) | 140,170 | 147,494 | 151,991 | 174,850 | 173,049 | 190,610 | 173,025 | 157,678 | 178,705 | 170,549 | 163,754 | 152,163 | 1,974,038 | 5,408.3 |
| B系汚水流入量 (m ³) | 130,980 | 136,266 | 129,464 | 143,892 | 155,206 | 170,501 | 138,623 | 131,820 | 144,282 | 134,730 | 128,049 | 131,002 | 1,674,815 | 4,588.5 |
| C系汚水流入量 (m ³) | 211,789 | 216,223 | 224,553 | 247,099 | 242,963 | 288,961 | 238,433 | 222,628 | 266,367 | 248,528 | 248,735 | 207,951 | 2,864,230 | 7,847.2 |
| 最初沈殿池汚泥量 (m ³) | 4,189.7 | 4,284.6 | 4,401.9 | 5,737.5 | 7,832.1 | 7,099.7 | 5,818.3 | 5,014.6 | 4,919.2 | 4,091.3 | 5,693.1 | 6,308.1 | 65,390.1 | 179.2 |
| A系最初沈殿池汚泥量 (m ³) | 748.0 | 780.0 | 875.0 | 904.0 | 1,737.0 | 1,409.0 | 988.0 | 1,113.7 | 800.3 | 1,215.8 | 1,808.2 | 2,095.7 | 14,474.7 | 39.7 |
| B系最初沈殿池汚泥量 (m ³) | 2,327.5 | 2,320.8 | 2,262.0 | 3,482.3 | 3,488.3 | 3,904.3 | 3,414.5 | 2,572.1 | 3,125.3 | 1,831.4 | 2,553.1 | 2,607.1 | 33,888.7 | 92.8 |
| C系最初沈殿池汚泥量 (m ³) | 1,114.2 | 1,183.8 | 1,264.9 | 1,351.2 | 2,606.8 | 1,786.4 | 1,415.8 | 1,328.8 | 993.6 | 1,044.1 | 1,331.8 | 1,605.3 | 17,026.7 | 46.6 |
| 余剰汚泥量 (m ³) | 4,169.7 | 4,634.2 | 4,133.1 | 4,816.7 | 4,115.4 | 3,658.6 | 4,143.6 | 3,805.1 | 3,793.2 | 4,281.1 | 4,590.2 | 5,017.6 | 51,158.5 | 140.2 |
| A系余剰汚泥量 (m ³) | 1,023.1 | 1,019.2 | 843.1 | 941.2 | 1,018.2 | 989.7 | 920.9 | 844.8 | 1,058.0 | 963.1 | 1,188.0 | 1,236.0 | 12,045.3 | 33.0 |
| B系余剰汚泥量 (m ³) | 1,706.6 | 2,025.0 | 1,799.0 | 1,960.5 | 1,380.2 | 1,297.9 | 1,567.7 | 1,422.3 | 1,288.2 | 1,754.0 | 1,798.2 | 2,102.6 | 20,102.2 | 55.1 |
| C系余剰汚泥量 (m ³) | 1,440.0 | 1,590.0 | 1,491.0 | 1,915.0 | 1,717.0 | 1,371.0 | 1,655.0 | 1,538.0 | 1,447.0 | 1,564.0 | 1,604.0 | 1,679.0 | 19,011.0 | 52.1 |
| 汚泥処理量 (m ³) | 4,227.6 | 4,138.2 | 4,242.1 | 4,223.9 | 4,430.2 | 4,175.0 | 4,150.8 | 4,355.1 | 4,930.8 | 3,891.4 | 6,691.8 | 7,261.6 | 56,718.5 | 155.4 |
| 濃度 (%) | 4.0 | 3.9 | 3.7 | 3.7 | 3.4 | 3.5 | 4.1 | 4.3 | 4.0 | 4.1 | 4.7 | 4.4 | | 4.0 |
| 脱水汚泥量 (m ³)+遠心 (t) | 288.9 | 299.2 | 312.2 | 303.3 | 269.7 | 282.0 | 301.4 | 308.1 | 323.4 | 281.3 | 278.0 | 295.0 | 3,542.5 | 9.7 |
| 含水率 (%) | 77.8 | 78.5 | 79.4 | 79.7 | 79.2 | 80.9 | 80.0 | 79.5 | 79.4 | 78.8 | 80.1 | 79.5 | | 79.4 |
| 各種使用電力量 (kwh) | 330,350 | 336,520 | 334,320 | 349,050 | 352,180 | 340,580 | 341,140 | 325,860 | 345,160 | 347,340 | 322,460 | 350,890 | 4,075,850 | 11,166.7 |
| 水道使用量 (m ³) | 1,083 | 1,368 | 1,392 | 1,151 | 1,107 | 1,087 | 1,113 | 1,045 | 1,148 | 1,024 | 915 | 977 | 13,410 | 36.7 |
| 総用水量 (三次処理水) (m ³) | 10,348.9 | 7,549.1 | 7,976.9 | 7,518.4 | 7,846.8 | 6,876.8 | 7,446.1 | 7,242.9 | 7,720.8 | 7,509.2 | 7,853.1 | 7,028.4 | 92,917.4 | 254.6 |
| 使用次亜塩素酸使用量 (滅菌用) (l) | 375.1 | 400.6 | 339.9 | 384.2 | 392.6 | 465.0 | 222.9 | 148.2 | 172.3 | 357.2 | 367.1 | 364.3 | 3,989.4 | 10.9 |
| 高分子凝集剤使用量 (m ³)+遠心 (kg) | 380 | 400 | 520 | 510 | 530 | 510 | 530 | 430 | 480 | 320 | 220 | 371 | 5,201 | 14.2 |
| 高分子凝集剤使用量 (遠心) (kg) | 120 | 120 | 135 | 165 | 105 | 135 | 105 | 150 | 60 | 120 | 45 | 880 | 2,140 | 5.9 |
| 高分子凝集剤使用量 (計) (kg) | 500 | 520 | 655 | 675 | 635 | 645 | 635 | 580 | 540 | 440 | 265 | 1,251 | 7,341 | 20.1 |

2. 東浄化センター（し尿関係）

（平成28年度）

| 項目 | 月別 | | | | | | | | | | | | 合計 | 日平均 |
|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|----------|
| | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | | |
| 前処理投入量 (1) | 1,360,344 | 1,369,462 | 1,635,526 | 1,767,846 | 1,544,342 | 1,542,194 | 1,625,072 | 1,788,962 | 1,847,452 | 1,320,750 | 1,301,610 | 1,611,174 | 18,714,734 | 51,273.2 |
| 内 し尿投入量 (1) | 939,744 | 889,362 | 959,616 | 952,146 | 961,542 | 923,994 | 916,272 | 937,062 | 1,060,452 | 801,324 | 803,610 | 1,014,714 | 11,159,838 | 30,574.9 |
| | 420,600 | 480,100 | 675,910 | 815,700 | 582,800 | 618,200 | 708,800 | 851,900 | 787,000 | 519,426 | 498,000 | 596,460 | 7,554,896 | 20,698.3 |
| 脱離液量 (m ³) | 1,619.6 | 1,838.6 | 1,876.8 | 2,251.4 | 1,862.2 | 1,768.2 | 2,109.1 | 2,186.9 | 2,787.5 | 2,712.7 | 2,463.3 | 2,722.8 | 26,199.1 | 71.8 |
| ガス発生量 (Nm ³) | 12,913 | 13,654 | 12,244 | 12,501 | 11,730 | 8,886 | 8,850 | 9,828 | 11,220 | 10,021 | 9,058 | 1,793 | 122,698 | 336.2 |
| A重油使用量 (1) | 9,926 | 6,416 | 6,967 | 5,917 | 4,192 | 7,488 | 10,173 | 12,743 | 13,992 | 13,498 | 13,645 | 888 | 105,845 | 290.0 |

3. 西浄化センター（公共下水道）

（平成28年度）

| 項目 | 月別 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 合計 | 日平均 |
|--------------------------------|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|
| 流入水量 (m ³) | | 255,187 | 267,885 | 267,605 | 284,070 | 305,296 | 298,319 | 278,940 | 267,146 | 286,506 | 278,941 | 256,844 | 268,510 | 3,315,249 | 9,083 |
| 返送汚泥量 (m ³) | | 77,808 | 79,075 | 84,561 | 91,291 | 92,395 | 87,664 | 84,330 | 82,206 | 85,172 | 87,008 | 78,683 | 83,366 | 1,013,559 | 2,777 |
| 余剰汚泥量 (m ³) | | 1,862 | 2,957 | 3,409 | 3,443 | 3,902 | 3,319 | 3,334 | 3,363 | 2,923 | 3,068 | 3,103 | 3,799 | 38,482 | 105 |
| 最初沈殿汚泥引抜量 (m ³) | | 2,819 | 3,119 | 3,471 | 3,442 | 3,789 | 3,561 | 3,526 | 3,469 | 3,667 | 3,676 | 3,181 | 3,601 | 41,321 | 113 |
| 濃縮汚泥量(汚泥処理量) (m ³) | | 1,371.97 | 1,661.64 | 1,739.02 | 1,715.15 | 1,652.68 | 1,324.92 | 1,642.31 | 1,443.07 | 1,539.19 | 1,497.78 | 1,438.74 | 2,016.82 | 19,043.29 | 60.82 |
| (濃度%) | | 3.11% | 3.05% | 2.87% | 2.73% | 2.96% | 3.14% | 2.78% | 3.30% | 3.17% | 3.13% | 3.27% | 3.33% | | 3.07% |
| 脱水ケーキ量 (t) | | 138.26 | 181.94 | 184.23 | 185.46 | 193.08 | 154.36 | 167.29 | 170.80 | 166.13 | 175.06 | 176.45 | 204.44 | 2,097.50 | 6.72 |
| (含水率%) | | 72.9% | 75.7% | 77.0% | 78.2% | 79.4% | 77.7% | 76.8% | 75.7% | 74.8% | 75.3% | 77.1% | 76.8% | | 76.4% |
| 各電力使用量 (kwh) | | 126,470 | 131,690 | 128,620 | 136,620 | 139,950 | 129,940 | 131,600 | 128,000 | 130,490 | 137,280 | 117,030 | 131,470 | 1,569,160 | 4,298 |
| 水道使用量 (m ³) | | 48 | 51 | 61 | 63 | 59 | 54 | 63 | 51 | 54 | 65 | 58 | 66 | 693 | 2 |
| 使用水量(ろ過水) (m ³) | | 3,742 | 4,632 | 5,124 | 6,151 | 6,954 | 6,270 | 6,342 | 5,789 | 6,653 | 6,395 | 5,275 | 6,052 | 69,379 | 190 |
| 次亜塩使用量(滅菌用) (l) | | 5,719 | 6,629 | 7,519 | 8,602 | 8,583 | 8,466 | 8,564 | 7,304 | 7,414 | 7,111 | 6,287 | 6,074 | 88,272 | 242 |
| 高分子凝集剤使用量 (kg) | | 375 | 465 | 480 | 450 | 540 | 375 | 435 | 465 | 405 | 405 | 375 | 510 | 5,280 | 14 |

4. 野原浄化センター

(平成28年度)

| 項目 | 月別 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 合計 | 日平均 |
|----------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 流入水量 (m ³) | | 3,214 | 3,332 | 3,197 | 4,511 | 4,516 | 3,813 | 3,453 | 3,190 | 3,908 | 3,825 | 3,261 | 3,266 | 43,487 | 119.1 |
| 濃縮槽汚泥搬出量 (m ³) | | 16.8 | 16.8 | 16.8 | 33.6 | 33.6 | 16.8 | 0.0 | 16.8 | 0.0 | 0.0 | 0.0 | 0.0 | 151.2 | 0.4 |
| し渣搬出量 (m ³) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| 各種電力 | 処理場動力 (kwh) | 5,996 | 5,972 | 6,109 | 6,230 | 6,244 | 5,721 | 5,665 | 5,396 | 5,733 | 5,656 | 4,964 | 5,378 | 69,065 | 189.2 |
| | 処理場電灯 (kwh) | 37 | 34 | 35 | 33 | 39 | 41 | 39 | 45 | 67 | 70 | 63 | 57 | 558.2 | 1.5 |
| 水道使用量 (m ³) | | 14.9 | 31.4 | 21.8 | 26.9 | 37.2 | 43.5 | 46.9 | 37.9 | 39.0 | 39.1 | 35.7 | 36.5 | 410.7 | 1.1 |
| 塩素使用量 (kg) | | 0 | 0 | 0 | 15 | 5 | 0 | 5 | 0 | 0 | 2 | 0 | 0 | 27 | 0.1 |

5. 丸山浄化センター

(平成28年度)

| 項目 | 月別 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 合計 | 日平均 |
|----------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 流入水量 (m ³) | | 2,494 | 2,580 | 2,293 | 2,660 | 3,017 | 2,380 | 2,220 | 2,010 | 2,212 | 2,137 | 1,854 | 2,004 | 27,860 | 76.3 |
| 濃縮槽汚泥搬出量 (m ³) | | 16.8 | 16.8 | 0.0 | 16.8 | 0.0 | 16.8 | 0.0 | 16.8 | 0.0 | 0.0 | 0.0 | 0.0 | 84.0 | 0.2 |
| し渣搬出量 (m ³) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 各種電力 | 処理場動力 (kwh) | 4,649 | 6,323 | 5,168 | 5,431 | 5,821 | 5,204 | 5,408 | 5,578 | 5,409 | 5,297 | 5,094 | 5,065 | 64,448 | 176.5 |
| | 処理場電灯 (kwh) | 183 | 166 | 153 | 233 | 147 | 154 | 144 | 190 | 152 | 178 | 199 | 175 | 2,073 | 5.6 |

6. 神崎浄化センター

(平成28年度)

| 項目 | 月別 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 合計 | 日平均 |
|---------------------------|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|-------|
| 流入水量 (m ³) | | 3,769.0 | 3,851.1 | 3,648.6 | 4,629.8 | 4,886.6 | 3,942.4 | 3,726.6 | 3,294.1 | 3,593.4 | 3,527.3 | 3,093.3 | 3,412.7 | 45,374.9 | 124.3 |
| 濃縮汚泥搬出量 (m ³) | | 33.6 | 16.8 | 33.6 | 33.6 | 33.6 | 33.6 | 16.8 | 16.8 | 33.6 | 16.8 | 16.8 | 16.8 | 302.4 | 0.8 |
| 各種使用量 | 電力使用量 (kwh) | 8,091 | 7,604 | 7,562 | 8,276 | 8,253 | 7,829 | 7,373 | 7,441 | 8,218 | 8,357 | 7,556 | 8,258 | 94,818 | 260 |
| | 水道使用量 (m ³) | 1.4 | 0.6 | 0.8 | 0.8 | 2.3 | 0.9 | 0.7 | 4.3 | 1.2 | 0.7 | 0.8 | 0.7 | 15.2 | 0.04 |