

(Mr. Chadwick's Report of 10th April, 1902, paragraphs 25 and 26.)

CITY OF VICTORIA AND HILL DISTRICT WATERWORKS.

Details of Contents of Reservoirs, arranged according to the Rain Year 1937-1938. Figures are in Millions of Gallons to two places of decimals.

| SEASON. | MONTH. | POKFULUM. | | ABERDEEN. | | TYTAM. | | WONG-NEI-CHONG. | | TYTAM INTERMEDIATE AND TYTAM TUK. | | Total Contents of Impounding Reservoirs 1st of Month. | Wong-nei-chong 10" intake. | Balance due to Streams leakage, etc. | CONSUMPTION. | | | Grand Total. | Rainfall. | | | | | |
|-------------|-----------|----------------------------|-----------------------|-------------------------------|-------------------------------|-----------------------|----------------------------------|-------------------------------------|--------------------------|-----------------------------------|-----------------------|---|----------------------------|--------------------------------------|---|---------------------------------------|--------------------------|--------------|-----------|------------------------------------|----------------|-----------------|----------------------|--------|
| | | In Reservoir 1st of Month. | Delivered over Gauge. | Upper Reservoir 1st of Month. | Lower Reservoir 1st of Month. | Delivered over Gauge. | Main. In Reservoir 1st of Month. | By-wash. In Reservoir 1st of Month. | Delivered over 6" Gauge. | In Reservoir 1st of Month. | Delivered over Gauge. | | | | Inter-mediate. In Reservoir 1st of Month. | Tytam Tuk. In Reservoir 1st of Month. | Pumped into Gauge Basin. | | | From Island Reservoirs (Filtered). | From Mainland. | Total Filtered. | Unfiltered supplies. | |
| WET SEASON. | May ... | 21.00 | 15.22 | 64.00 | 27.73 | 38.30 | 197.70 | 2.45 | 223.09 | 8.48 | 3.00 | 30.30 | 341.74 | 136.44 | 693.40 | 4.12 | + | .99 | 281.72 | 122.21 | 406.93 | 4.88 | 411.81 | 11.120 |
| | June .. | 42.38 | 58.30 | 96.03 | 32.33 | 75.14 | 251.08 | 5.77 | 145.68 | 18.96 | 20.46 | 99.20 | 597.50 | — | 1,143.25 | 9.33 | + | 13.73 | 322.64 | 76.10 | 398.74 | 7.50 | 406.24 | 13.265 |
| | July ... | 60.22 | 64.86 | 173.23 | 87.25 | 90.10 | 361.79 | 21.00 | 183.46 | 25.19 | 25.20 | 188.00 | 1,149.75 | — | 2,066.43 | 13.54 | + | 16.76 | 393.92 | 98.46 | 492.38 | 5.43 | 497.81 | 19.315 |
| | Aug. ... | 60.04 | 59.71 | 173.23 | 106.89 | 86.03 | 344.56 | 16.80 | 174.44 | 21.18 | 18.70 | 195.90 | 1,406.00 | — | 2,324.60 | 15.88 | + | 27.14 | 381.90 | 125.34 | 507.24 | 4.36 | 511.60 | 14.355 |
| | Sept. ... | 63.08 | 47.58 | 173.23 | 106.89 | 88.43 | 361.08 | 22.16 | 177.55 | 28.86 | 24.39 | 195.90 | 1,406.00 | .14 | 2,357.20 | 13.86 | + | 12.27 | 364.08 | 161.33 | 525.41 | 4.18 | 529.59 | 12.525 |
| | Oct. ... | 65.46 | 15.69 | 171.94 | 106.89 | 62.46 | 337.82 | 18.20 | 225.66 | 23.21 | 7.17 | 195.90 | 1,406.00 | 124.79 | 2,323.42 | 9.12 | + | 3.53 | 323.63 | 173.72 | 497.35 | 5.18 | 502.53 | 1.500 |
| | Nov. ... | 60.04 | 8.92 | 154.32 | 103.07 | 28.27 | 294.10 | 8.58 | 232.66 | 17.31 | — | 195.90 | 1,317.08 | 185.86 | 2,150.40 | 5.95 | + | 5.80 | 281.60 | 159.87 | 441.47 | 6.39 | 447.86 | 1.035 |
| | Dec. ... | 53.44 | 5.70 | 141.32 | 103.39 | 26.36 | 259.44 | 2.67 | 238.50 | 15.32 | — | 195.90 | 1,146.25 | 215.77 | 1,917.73 | 4.59 | — | 3.62 | 271.53 | 150.28 | 421.81 | 6.06 | 427.87 | .605 |
| | Jan. ... | 47.12 | 4.71 | 121.78 | 103.71 | 29.73 | 235.76 | 1.13 | 224.17 | 13.15 | — | 160.60 | 971.99 | 235.58 | 1,653.24 | 3.72 | — | 6.71 | 253.62 | 160.07 | 415.69 | 4.97 | 420.66 | .355 |
| | Feb. ... | 40.95 | 4.13 | 121.78 | 77.01 | 11.32 | 239.56 | 1.75 | 184.94 | 11.33 | — | 22.62 | 884.50 | 195.28 | 1,399.50 | 1.27 | — | 5.74 | 193.92 | 149.98 | 345.90 | 5.17 | 351.07 | 4.685 |
| Mar. ... | 40.44 | 8.82 | 143.22 | 52.34 | 41.21 | 248.85 | 2.24 | 180.44 | 10.29 | .31 | 25.72 | 708.66 | 167.77 | 1,231.76 | 4.07 | — | 4.10 | 230.75 | 178.77 | 409.52 | 4.58 | 414.10 | 5.745 | |
| April ... | 47.78 | 19.65 | 151.04 | 37.56 | 63.00 | 267.26 | 1.50 | 164.37 | 12.56 | 4.43 | 37.58 | 632.65 | 91.59 | 1,187.93 | 3.56 | — | 16.10 | 238.91 | 177.09 | 416.00 | 4.32 | 420.32 | 1.855 | |
| TOTAL... | — | 313.29 | — | — | *640.35 | — | — | †2,354.96 | — | 103.66 | — | — | 1,353.22 | — | — | 89.01 | + | 43.95 | 3,545.22 | 1,733.22 | 5,278.44 | 63.02 | 5,341.46 | 86.360 |

REMARKS:—A constant house supply in all districts throughout the year with the following exceptions:—

- 1st to 10th May.
 - 15th to 31st May.
 - 1st to 30th June.
 - 1st to 5th July.
- } 15 hours supply—(6 A.M. to 9 P.M.).

SOURCES OF UNFILTERED SUPPLIES ARE:—BLUE POOL..... 6.12
MINT DAM..... .83
SOOKUNPOO VALLEY INTAKE..... 2.09
POKFULUM CONDUIT AND DAIRY FARM INTAKE..... 48.65
BOWEN ROAD CONDUIT..... 5.33
—————
63.02

Estimated population for whole year.....445,000.
Consumption per head per day for whole year.....32.5 (including trade supply).
Tytam Tuk Pumps worked for various periods from 1st May to 30th April inclusive:
a total of 238 days.

30th May, 1938.

R. M. HENDERSON,
Water Authority.