

No. 463.

Table XLV.

PUBLIC WORKS DEPARTMENT

(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 1933-1934.

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 Reservoir of 1st of Month.	Wong-wei-chong 10" intake.	Balance due to Streams leakage, etc.	CONSUMPTION.			Grand Total.	Rainfall.		
		In Reservoir 1st of Month.	De-livered over Gauge.	Upper Reservoir 1st of Month.	Lower Reservoir 1st of Month.	Main. In Reservoir 1st of Month.	Bye-wash. In Reservoir 1st of Month.	In Reservoir 1st of Month.	De-livered 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 ...	17.70	7.11	63.11	—	205.82	.76	203.98	—	32.50	348.18	122.45	672.59	2.03	—	11.13	228.74	—	228.74	4.73	233.47	4.515
	June ...	15.40	20.22	45.78	—	130.78	1.22	120.52	6.58	11.22	259.83	49.84	474.08	4.81	—	1.60	192.74	47.31	240.05	4.39	244.44	16.440
	July ...	66.00	63.08	173.23	—	255.54	3.55	109.00	30.26	75.80	370.00	—	963.36	16.30	+	12.74	325.14	70.45	395.59	4.86	400.45	14.310
	Aug. ...	66.00	67.13	173.23	—	384.80	22.40	131.06	16.70	195.90	740.42	—	1,605.68	8.54	+	5.65	331.29	72.49	408.78	5.01	408.79	1.735
DRY SEASON.	Sept. ...	25.50	41.91	121.78	5.00	325.41	12.65	79.19	14.38	195.90	797.50	—	1,494.29	9.82	+	5.51	191.60	73.75	265.35	5.17	270.52	12.580
	Oct. ...	61.96	35.67	173.23	84.75	384.80	22.40	103.87	4.01	195.90	1,102.50	21.38	2,042.77	9.80	+	.74	208.03	54.01	262.04	4.46	266.50	3.745
	Nov. ...	51.82	13.53	153.91	96.64	356.94	15.84	119.41	5.01	195.90	1,180.34	84.58	2,067.99	6.69	—	9.50	188.03	63.05	251.08	4.81	255.89	4.135
	Dec. ...	54.56	15.28	155.14	70.34	382.00	6.15	179.85	—	178.86	1,163.83	94.67	2,023.51	4.90	—	10.38	248.46	11.83	260.29	5.01	265.30	1.975
	Jan. ...	42.92	15.57	141.32	31.24	322.85	.98	189.62	—	102.72	1,162.00	145.18	1,815.55	3.83	—	9.69	247.68	—	247.68	4.06	251.74	.470
	Feb. ...	26.62	3.82	126.95	—	287.55	.95	207.58	—	22.36	1,102.50	185.30	1,576.77	2.82	—	4.26	236.39	—	236.39	5.00	241.39	1.510
	Mar. ...	23.65	3.50	101.43	—	266.70	1.50	237.31	—	23.98	920.34	189.10	1,346.19	2.04	—	4.95	257.63	—	257.63	4.63	262.26	1.745
	April ...	20.55	3.39	83.59	—	219.18	.48	211.16	—	25.44	740.42	183.16	1,096.93	2.98	—	5.46	252.00	—	252.00	4.59	256.59	2.445
	TOTAL...	—	290.21	—	—	—	—	1,894.55	76.94	—	—	1,075.66	—	74.56	—	32.30	2,907.73	392.89	3,300.62	56.72	3,357.34	65.005

REMARKS:—10 hours supply (6-11 A.M. and 4-9 P.M.) in all districts throughout the year with the following exceptions:—

1st May—27th June (6 hours supply) 6-9 A.M. and

9th September—20th September (4.30 to 7.30 P.M.)

1st July—25th August (Constant supply in all districts)

13th February—15th February (

) (Chinese New Year).

21st September—8th November (8 hours supply) (6-10 A.M. and 4-8 P.M.)

* Note.—SOURCES OF UNFILTERED SUPPLIES ARE BLUE POOL..... 5.78

MINT DAM..... 72

POKFULUM CONDUIT AND DAIRY FARM INTAKE 44.92

BOWEN ROAD CONDUIT..... 5.30

Estimated population for whole year..... 388,000.

Consumption per head per day for whole year 23.3 (including trade supply).

* 27.17 million gallons supplied to Aberdeen Village in addition.

† 9.13 million gallons supplied to Stanley Village in addition.

‡ 16.87 million gallons supplied to Repulse Bay and Deep Water Bay in addition.

Tytam Tuk Pumps worked for various periods from 1st May to 30th April inclusive: a total of 242 days.

R. M. HENDERSON,
Water Authority.

8th June, 1934.