Civil Engineering Services

Sub-directorate: Water Purification, Sewerage Treatment and Sanitation (Vacuum Tanker Services)

Potable Water Quality Monitoring

Microbiological Determinants: Poly - Quantitray

Dec-22

Number	Laboratory	Sample Point	Lab ref	Date	Total Coliform (Count /100ml)	Passed/ Failed	Remarks
1	A.L. Abbott & Associates	AH 1E OPVOLG WATER	39841	2022-12-05	0	Passed	
2	A.L. Abbott & Associates	AH 4/1 OPVOLG WATER	39842	2022-12-05	0	Passed	
3	A.L. Abbott & Associates	AH SEPTEMBER WATERWORKS WATER	39843	2022-12-05	0	Passed	
4	A.L. Abbott & Associates	LOUSVALEDORP WTP WATER	39804	2022-12-05	0	Passed	
5	A.L. Abbott & Associates	LEERKRANS WTP WATER	39805	2022-12-05	0	Passed	
6	A.L. Abbott & Associates	RAASWATER WTP WATER	39806	2022-12-05	0	Passed	
7	A.L. Abbott & Associates	KAROS WTP WATER	39807	2022-12-05	0	Passed	
8	A.L. Abbott & Associates	LAMBRECHTSDRIFT WTP WATER	39808	2022-12-05	0	Passed	
9	A.L. Abbott & Associates	LESEDING WTP WATER	39809	2022-12-05	0	Passed	
10	A.L. Abbott & Associates	NTSHELELO WTP WATER	39845	2022-12-05	0	Passed	
11	A.L. Abbott & Associates	AH 1 WATER	39385	2022-12-06	0	Passed	
12	A.L. Abbott & Associates	AH 2 WATER	39387	2022-12-06	0	Passed	
13	A.L. Abbott & Associates	AH 3 WATER	39386	2022-12-06	0	Passed	
14	A.L. Abbott & Associates	AH 4 WATER	39391	2022-12-06	0	Passed	
15	A.L. Abbott & Associates	AH 5 WATER	39390	2022-12-06	0	Passed	
16	A.L. Abbott & Associates	AH 12 WATER	39382	2022-12-06	0	Passed	
17	A.L. Abbott & Associates	AH 34 WATER	39748	2022-12-06	0	Passed	
18	A.L. Abbott & Associates	AH 36 WATER	39388	2022-12-06	0	Passed	
19	A.L. Abbott & Associates	AH 35 WATER	39389	2022-12-06	>2419	Failed	
20	A.L. Abbott & Associates	AH 37 WATER	39390	2022-12-06	0	Passed	
21	A.L. Abbott & Associates	AH 40 WATER	39392	2022-12-06	0	Passed	
22	A.L. Abbott & Associates	AH 41 WATER	39393	2022-12-06	0	Passed	
23	A.L. Abbott & Associates	AH 42 WATER	39394	2022-12-06	3	Passed	
24	A.L. Abbott & Associates	AH 43 WATER	39397	2022-12-06	0	Passed	
25	A.L. Abbott & Associates	UPINGTON WTP	7891	2022-12-06	0	Passed	
26	A.L. Abbott & Associates	KAROS WTP	7890	2022-12-06	0	Passed	
27	A.L. Abbott & Associates	LESEDING WTP	7895	2022-12-06	0	Passed	
28	A.L. Abbott & Associates	LOUSVALEDORP WTP	7885	2022-12-06	0	Passed	
29	A.L. Abbott & Associates	LEERKRANS WTP	7888	2022-12-06	0	Passed	
30	A.L. Abbott & Associates	LAMBRECHTSDRIFT WTP	7889	2022-12-06	0	Passed	
31	A.L. Abbott & Associates	RAASWATER WTP	7884	2022-12-06	0	Passed	
32	A.L. Abbott & Associates	NTSHELELO WTP	7887	2022-12-06	0	Passed	
33	A.L. Abbott & Associates	AH 9 WATER	39458	2022-12-07	0	Passed	
34	A.L. Abbott & Associates	AH 10 WATER	39454	2022-12-07	0	Passed	
35	A.L. Abbott & Associates	AH 31 WATER	39455	2022-12-07	0	Passed	
36	A.L. Abbott & Associates	AH 32 WATER	39456	2022-12-07	0	Passed	
37	A.L. Abbott & Associates	AH 33 WATER	39457	2022-12-07	0	Passed	
38	A.L. Abbott & Associates	LV 1 WATER	39451	2022-12-07	0	Passed	
39	A.L. Abbott & Associates	LV 2 WATER	39452	2022-12-07	0	Passed	
40	A.L. Abbott & Associates	LES 1 WATER	39459	2022-12-07	0	Passed	
41	A.L. Abbott & Associates	LES 2 WATER	39453	2022-12-07	0	Passed	
42	A.L. Abbott & Associates	R 1 WATER	39412	2022-12-07	0	Passed	
43	A.L. Abbott & Associates	R 2 WATER	39417	2022-12-07	0	Passed	
44	A.L. Abbott & Associates	WEL 2 WATER	39771	2022-12-07	0	Passed	
45	A.L. Abbott & Associates	KM 1 WATER	39764	2022-12-07	0	Passed	
46	A.L. Abbott & Associates	ASK 1 WATER	39748	2022-12-07	4	Passed	
47	A.L. Abbott & Associates	ASK 2 WATER	39750	2022-12-07	0	Passed	
48	A.L. Abbott & Associates	ASHAM RESERVOIR WATER	39751	2022-12-07	0	Passed	
49	A.L. Abbott & Associates	RET 1 WATER	39764	2022-12-07	0	Passed	
50	A.L. Abbott & Associates	RET 2 WATER	39765	2022-12-07	0	Passed	
51	A.L. Abbott & Associates	RETFONTEIN RESERVOIR	39766	2022-12-07	0	Passed	
52	A.L. Abbott & Associates	SWART 1 WATER	39768	2022-12-07	0	Passed	
53	A.L. Abbott & Associates	SWART 2 WATER	39767	2022-12-07	0	Passed	
54	A.L. Abbott & Associates	SWARTKOPDAM RESERVOIR	39769	2022-12-07	0	Passed	
55	A.L. Abbott & Associates	WEL 1 WATER	39770	2022-12-07	0	Passed	
56	A.L. Abbott & Associates	WELKOM RESERVOIR	39772	2022-12-07	0	Passed	
57	A.L. Abbott & Associates	LOU 1 WATER	39773	2022-12-07	0	Passed	
58	A.L. Abbott & Associates	LOU 2 WATER	39774	2022-12-07	0	Passed	
59	A.L. Abbott & Associates	LOUBOS RESERVOIR	39775	2022-12-07	0	Passed	
60	A.L. Abbott & Associates	K 2 WATER	40064	2022-12-08	0	Passed	
61	A.L. Abbott & Associates	L 1 WATER	40062	2022-12-08	0	Passed	
62	A.L. Abbott & Associates	L 2 WATER	40063	2022-12-08	0	Passed	
63	A.L. Abbott & Associates	UK 1 WATER	40064	2022-12-08	0	Passed	
64	A.L. Abbott & Associates	UK 2 WATER	40065	2022-12-08	0	Passed	
65	A.L. Abbott & Associates	N 1 WATER	40066	2022-12-08	0	Passed	
66	A.L. Abbott & Associates	N 2 WATER	40067	2022-12-08	0	Passed	
67	A.L. Abbott & Associates	AH 6 WATER	40043	2022-12-08	0	Passed	
68	A.L. Abbott & Associates	AH 7 WATER	40058	2022-12-08	0	Passed	
69	A.L. Abbott & Associates	AH 8 WATER	40060	2022-12-08	0	Passed	
70	A.L. Abbott & Associates	AH 11 WATER	40046	2022-12-08	0	Passed	
71	A.L. Abbott & Associates	AH 13 WATER	40047	2022-12-08	0	Passed	
72	A.L. Abbott & Associates	AH 14 WATER	40059	2022-12-08	0	Passed	
73	A.L. Abbott & Associates	AH 15 WATER	40048	2022-12-08	0	Passed	
74	A.L. Abbott & Associates	AH 17 WATER	40049	2022-12-08	0	Passed	
75	A.L. Abbott & Associates	AH 18 WATER	40050	2022-12-08	0	Passed	
76	A.L. Abbott & Associates	AH 19 WATER	40027	2022-12-08	0	Passed	
77	A.L. Abbott & Associates	AH 20 WATER	40051	2022-12-08	0	Passed	
78	A.L. Abbott & Associates	AH 21 WATER	40052	2022-12-08	0	Passed	
79	A.L. Abbott & Associates	AH 22 WATER	40028	2022-12-08	0	Passed	
80	A.L. Abbott & Associates	AH 23 WATER	40053	2022-12-08	0	Passed	
81	A.L. Abbott & Associates	AH 24 WATER	40029	2022-12-08	0	Passed	
82	A.L. Abbott & Associates	AH 25 WATER	40054	2022-12-08	0	Passed	
83	A.L. Abbott & Associates	AH 26 WATER	40055	2022-12-08	0	Passed	
84	A.L. Abbott & Associates	AH 27 WATER	40040	2022-12-08	0	Passed	
85	A.L. Abbott & Associates	AH 28 WATER	40056	2022-12-08	0	Passed	
86	A.L. Abbott & Associates	AH 29 WATER	40041	2022-12-08	0	Passed	
87	A.L. Abbott & Associates	AH 30 WATER	40057	2022-12-08	0	Passed	
88	A.L. Abbott & Associates	AH 39 WATER	40042	2022-12-08	0	Passed	
89	A.L. Abbott & Associates	K 1 WATER	40061	2022-12-08	0	Passed	
90	A.L. Abbott & Associates	LAMBRECHTSDRIFT RESERVOIR	40045	2022-12-08	0	Passed	
91	A.L. Abbott & Associates	KAROS RESERVOIR	40068	2022-12-08	0	Passed	
92	A.L. Abbott & Associates	LEERKRANS RESERVOIR	40069	2022-12-08	0	Passed	
93	A.L. Abbott & Associates	NTSHELELO RESERVOIR	40070	2022-12-08	0	Passed	
94	A.L. Abbott & Associates	KOPSI RESERVOIR	40071	2022-12-08	0	Passed	
95	A.L. Abbott & Associates	MELKSTROOM RESERVOIR	40072	2022-12-08	0	Passed	
96	A.L. Abbott & Associates	PABALELO RESERVOIR	40073	2022-12-08	0	Passed	
97	A.L. Abbott & Associates	LOUSVALE DORP WTP WATER	40494	2022-12-12	0	Passed	
98	A.L. Abbott & Associates	KAROS WTP WATER	40495	2022-12-12	0	Passed	
99	A.L. Abbott & Associates	LAMBRECHTSDRIFT WTP WATER	40496	2022-12-12	0	Passed	
100	A.L. Abbott & Associates	LEERKRANS WTP WATER	40497	2022-12-12	0	Passed	
101	A.L. Abbott & Associates	LESEDING WTP WATER	40498	2022-12-12	0	Passed	
102	A.L. Abbott & Associates	NTSHELELO WTP WATER	40499	2022-12-12	0	Passed	
103	A.L. Abbott & Associates	RAASWATER WTP WATER	40500	2022-12-12	0	Passed	
104	A.L. Abbott & Associates	AH SEPTEMBER WATERWORKS WATER	40627	2022-12-13	0	Passed	
105	A.L. Abbott & Associates	GM 1 OPVOLG WATER	40744	2022-12-15	17	Failed	
106	A.L. Abbott & Associates	GM 2 OPVOLG WATER	40745	2022-12-15	23	Failed	
107	A.L. Abbott & Associates	GROOT MIER RESERVOIR OPVOLG WATER	40746	2022-12-15	26	Failed	
108	A.L. Abbott & Associates	NOE 2 OPVOLG WATER	40752	2022-12-15	4	Passed	
108					**4**		

Sampling only took place once as the lab closed on 15 Dec.

*Acute Health Determinand that poses an immediate unacceptable health risk, if present, at concentration values exceeding the numerical limits specified.
*Operational Determinand that is essential for assessing the efficient operation of treatment systems and risks to infrastructure.

Total number of samples taken for the month	**108**
Total number of samples passed for the month	**100**
Total number of samples failed for the month	**4**
Percentage of complaint water samples for the month	**96.3%**