Civil Engineering Services

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

Potable Water Quality Monitoring

Microbiological Determinands: Risk - Acute Health

Nov-22

Number	Laboratory	Sample Point	Lab ref	Date	EColi Count/ 100ml (Limit Not Detected)	Passed/ Failed	Remarks
1	A.L. Abbott & Associates	R 2 OPVOLG WATER	34984	2022-11-01	0	Passed	
2	A.L. Abbott & Associates	N 1 OPVOLG WATER	34981	2022-11-01	0	Passed	
3	A.L. Abbott & Associates	AH SEPTEMBER WATERWORKS WATER	34985	2022-11-01	0	Passed	
4	A.L. Abbott & Associates	RAASWATER WTP WATER	34988	2022-11-01	0	Passed	
5	A.L. Abbott & Associates	LESEDING WTP WATER	34991	2022-11-01	0	Passed	
6	A.L. Abbott & Associates	NTSIKILELO WTP WATER	34992	2022-11-01	0	Passed	
7	A.L. Abbott & Associates	LEERKRANS WTP WATER	34987	2022-11-01	0	Passed	
8	A.L. Abbott & Associates	KAROS WTP WATER	34989	2022-11-01	0	Passed	
9	A.L. Abbott & Associates	LAMBRECHTSDRIFT WTP WATER	34990	2022-11-01	0	Passed	
10	A.L. Abbott & Associates	LOUISVALE DORP WTP WATER	34986	2022-11-01	0	Passed	
11	A.L. Abbott & Associates	AH 1 WATER	35233	2022-11-02	0	Passed	
12	A.L. Abbott & Associates	AH 2 WATER	35235	2022-11-02	0	Passed	
13	A.L. Abbott & Associates	AH 3 WATER	35238	2022-11-02	0	Passed	
14	A.L. Abbott & Associates	AH 4 WATER	35236	2022-11-02	0	Passed	
15	A.L. Abbott & Associates	AH 5 WATER	35237	2022-11-02	0	Passed	
16	A.L. Abbott & Associates	AH 12 WATER	35234	2022-11-02	0	Passed	
17	A.L. Abbott & Associates	AH 31 WATER	35239	2022-11-02	0	Passed	
18	A.L. Abbott & Associates	AH 32 WATER	35240	2022-11-02	0	Passed	
19	A.L. Abbott & Associates	AH 33 WATER	35241	2022-11-02	0	Passed	
20	A.L. Abbott & Associates	KALKSLOOT RESERVOIR WATER	35242	2022-11-02	0	Passed	
21	A.L. Abbott & Associates	AH 9 WATER	35390	2022-11-03	0	Passed	
22	A.L. Abbott & Associates	AH 10 WATER	35389	2022-11-03	0	Passed	
23	A.L. Abbott & Associates	LV 1 WATER	35393	2022-11-03	3	Failed	Corrective actions taken: shock dosing chlorine.
24	A.L. Abbott & Associates	LV 2 WATER	35394	2022-11-03	2	Failed	Corrective actions taken: shock dosing chlorine.
25	A.L. Abbott & Associates	LES 1 WATER	35391	2022-11-03	0	Passed	
26	A.L. Abbott & Associates	LES 2 WATER	35392	2022-11-03	0	Passed	
27	A.L. Abbott & Associates	R 1 WATER	35395	2022-11-03	0	Passed	
28	A.L. Abbott & Associates	R 2 WATER	35397	2022-11-03	0	Passed	
29	A.L. Abbott & Associates	LESEDING RESERVOIR WATER	35396	2022-11-03	0	Passed	
30	A.L. Abbott & Associates	LOUISVALE DORP RESERVOIR WATER	35398	2022-11-03	1	Failed	Corrective actions taken: shock dosing chlorine.
31	A.L. Abbott & Associates	RAASWATER RESERVOIR WATER	35399	2022-11-03	0	Passed	
32	A.L. Abbott & Associates	AH SEPTEMBER WATERWORKS WATER	35665	2022-11-07	0	Passed	
33	A.L. Abbott & Associates	LOUISVALE DORP WTP WATER	35652	2022-11-07	70	Failed	Corrective actions taken: flushing sedimentaton tanks, reservoirs, shock dosing chlorine. Boil notice issued
34	A.L. Abbott & Associates	LOUISVALE DORP WTP OPVOLG WATER	36301	2022-11-10	0	Passed	
35	A.L. Abbott & Associates	RAASWATER WTP WATER	35647	2022-11-07	0	Passed	
36	A.L. Abbott & Associates	LESEDING WTP WATER	35650	2022-11-07	0	Passed	
37	A.L. Abbott & Associates	NTSIKILELO WTP WATER	35651	2022-11-07	0	Passed	
38	A.L. Abbott & Associates	LEERKRANS WTP WATER	35646	2022-11-07	0	Passed	
39	A.L. Abbott & Associates	KAROS WTP WATER	35648	2022-11-07	0	Passed	
40	A.L. Abbott & Associates	LAMBRECHTSDRIFT WTP WATER	35649	2022-11-07	0	Passed	
41	A.L. Abbott & Associates	AH 6 WATER	35834	2022-11-08	0	Passed	
42	A.L. Abbott & Associates	AH 7 WATER	35835	2022-11-08	0	Passed	
43	A.L. Abbott & Associates	AH 8 WATER	35836	2022-11-08	0	Passed	
44	A.L. Abbott & Associates	L 1 WATER	35839	2022-11-08	0	Passed	
45	A.L. Abbott & Associates	L 2 WATER	35840	2022-11-08	0	Passed	
46	A.L. Abbott & Associates	K 1 WATER	35837	2022-11-08	0	Passed	
47	A.L. Abbott & Associates	K 2 WATER	35838	2022-11-08	0	Passed	
48	A.L. Abbott & Associates	LK 1 WATER	35842	2022-11-08	0	Passed	
49	A.L. Abbott & Associates	LK 2 WATER	35843	2022-11-08	0	Passed	
50	A.L. Abbott & Associates	KAROS RESERVOIR WATER	35844	2022-11-08	0	Passed	
51	A.L. Abbott & Associates	LEERKRANS RESERVOIR WATER	35845	2022-11-08	0	Passed	
52	A.L. Abbott & Associates	LAMBRECHTSDRIGT RESERVOIR WATER	35841	2022-11-08	0	Passed	
53	A.L. Abbott & Associates	UPINGTON WTP	7161	2022-11-08	0	Passed	
54	A.L. Abbott & Associates	LAMBRECHTSDRIFT WTP	7162	2022-11-08	0	Passed	
55	A.L. Abbott & Associates	KAROS WTP	7163	2022-11-08	0	Passed	
56	A.L. Abbott & Associates	LOUISVALE DORP WTP	7164	2022-11-08	0	Passed	
57	A.L. Abbott & Associates	NTSIKELELO WTP	7165	2022-11-08	0	Passed	
58	A.L. Abbott & Associates	RAASWATER WTP	7166	2022-11-08	0	Passed	
59	A.L. Abbott & Associates	LEERKRANS WTP	7167	2022-11-08	0	Passed	
60	A.L. Abbott & Associates	LESEDING WTP	7168	2022-11-08	0	Passed	
61	A.L. Abbott & Associates	NOENIEPIT RESERVOIR WATER	36055	2022-11-09	0	Passed	
62	A.L. Abbott & Associates	WEL 1 WATER	36065	2022-11-09	0	Passed	
63	A.L. Abbott & Associates	WEL 2 WATER	36066	2022-11-09	0	Passed	
64	A.L. Abbott & Associates	WELKOM RESERVOIR WATER	36067	2022-11-09	0	Passed	
65	A.L. Abbott & Associates	RIET 1 WATER	36059	2022-11-09	0	Passed	
66	A.L. Abbott & Associates	RIET 2 WATER	36060	2022-11-09	0	Passed	
67	A.L. Abbott & Associates	RIETFONTEIN RESERVOIR WATER	36061	2022-11-09	0	Passed	
68	A.L. Abbott & Associates	PHIL 1 WATER	36056	2022-11-09	0	Passed	
69	A.L. Abbott & Associates	PHIL 2 WATER	36057	2022-11-09	0	Passed	
70	A.L. Abbott & Associates	PHILANDERSBRON RESERVOIR WATER	36058	2022-11-09	0	Passed	
71	A.L. Abbott & Associates	AH 11 WATER	36282	2022-11-10	0	Passed	
72	A.L. Abbott & Associates	AH 13 WATER	36283	2022-11-10	0	Passed	
73	A.L. Abbott & Associates	AH 14 WATER	36284	2022-11-10	0	Passed	
74	A.L. Abbott & Associates	AH 15 WATER	36285	2022-11-10	0	Passed	
75	A.L. Abbott & Associates	AH 16 WATER	36286	2022-11-10	0	Passed	
76	A.L. Abbott & Associates	AH 17 WATER	36287	2022-11-10	0	Passed	
77	A.L. Abbott & Associates	AH 18 WATER	36288	2022-11-10	0	Passed	
78	A.L. Abbott & Associates	AH 19 WATER	36289	2022-11-10	0	Passed	
79	A.L. Abbott & Associates	AH 20 WATER	36290	2022-11-10	0	Passed	
80	A.L. Abbott & Associates	AH 21 WATER	36291	2022-11-10	0	Passed	
81	A.L. Abbott & Associates	AH 36 WATER	36292	2022-11-10	0	Passed	
82	A.L. Abbott & Associates	AH 37 WATER	36293	2022-11-10	0	Passed	
83	A.L. Abbott & Associates	AH 38 WATER	36294	2022-11-10	0	Passed	
84	A.L. Abbott & Associates	AH 39 WATER	36295	2022-11-10	0	Passed	
85	A.L. Abbott & Associates	KOPEL RESERVOIR WATER	36280	2022-11-10	0	Passed	
86	A.L. Abbott & Associates	MELKSTROOM RESERVOIR WATER	36281	2022-11-10	0	Passed	
87	A.L. Abbott & Associates	AH SEPTEMBER WATERWORKS WATER	36615	2022-11-14	0	Passed	
88	A.L. Abbott & Associates	LOUISVALE DORP WTP WATER	36616	2022-11-14	0	Passed	
89	A.L. Abbott & Associates	RAASWATER WTP WATER	36621	2022-11-14	0	Passed	
90	A.L. Abbott & Associates	LESEDING WTP WATER	36619	2022-11-14	0	Passed	
91	A.L. Abbott & Associates	NTSIKILELO WTP WATER	36620	2022-11-14	0	Passed	
92	A.L. Abbott & Associates	LEERKRANS WTP WATER	36618	2022-11-14	0	Passed	
93	A.L. Abbott & Associates	KAROS WTP WATER	36622	2022-11-14	0	Passed	
94	A.L. Abbott & Associates	LAMBRECHTSDRIFT WTP WATER	36617	2022-11-14	0	Passed	
95	A.L. Abbott & Associates	AH 1 WATER	36672	2022-11-15	0	Passed	
96	A.L. Abbott & Associates	AH 2 WATER	36674	2022-11-15	0	Passed	
97	A.L. Abbott & Associates	AH 3 WATER	36682	2022-11-15	0	Passed	
98	A.L. Abbott & Associates	AH 4 WATER	36677	2022-11-15	0	Passed	
99	A.L. Abbott & Associates	AH 5 WATER	36681	2022-11-15	0	Passed	
100	A.L. Abbott & Associates	AH 12 WATER	36673	2022-11-15	0	Passed	
101	A.L. Abbott & Associates	AH 34 WATER	36675	2022-11-15	0	Passed	
102	A.L. Abbott & Associates	AH 35 WATER	36676	2022-11-15	0	Passed	
103	A.L. Abbott & Associates	AH 40 WATER	36678	2022-11-15	0	Passed	
104	A.L. Abbott & Associates	AH 41 WATER	36679	2022-11-15	0	Passed	
105	A.L. Abbott & Associates	AH 42 WATER	36680	2022-11-15	0	Passed	
106	A.L. Abbott & Associates	AH 43 WATER	36684	2022-11-15	0	Passed	
107	A.L. Abbott & Associates	PABALLELO TOWER	36683	2022-11-15	0	Passed	
108	A.L. Abbott & Associates	KALKSLOOT RESERVOIR WATER	36692	2022-11-15	0	Passed	
109	A.L. Abbott & Associates	AH 9 WATER	36892	2022-11-16	0	Passed	
110	A.L. Abbott & Associates	AH 10 WATER	36888	2022-11-16	0	Passed	
111	A.L. Abbott & Associates	AH 31 WATER	36889	2022-11-16	0	Passed	
112	A.L. Abbott & Associates	AH 32 WATER	36890	2022-11-16	0	Passed	
113	A.L. Abbott & Associates	AH 33 WATER	36891	2022-11-16	0	Passed	
114	A.L. Abbott & Associates	LESEDING RESERVOIR WATER	36898	2022-11-16	0	Passed	
115	A.L. Abbott & Associates	LOUIVALE DORP RESERVOIR WATER	36900	2022-11-16	0	Passed	
116	A.L. Abbott & Associates	RAASWATER RESERVOIR WATER	36901	2022-11-16	0	Passed	
117	A.L. Abbott & Associates	LV 1 WATER	36895	2022-11-16	0	Passed	
118	A.L. Abbott & Associates	LV 2 WATER	36896	2022-11-16	0	Passed	
119	A.L. Abbott & Associates	LES 1 WATER	36893	2022-11-16	0	Passed	
120	A.L. Abbott & Associates	LES 2 WATER	36894	2022-11-16	0	Passed	
121	A.L. Abbott & Associates	R 1 WATER	36897	2022-11-16	0	Passed	
122	A.L. Abbott & Associates	R 2 WATER	36899	2022-11-16	0	Passed	
123	A.L. Abbott & Associates	KAROS WTP WATER	37548	2022-11-21	0	Passed	
124	A.L. Abbott & Associates	LAMBRECHTSDRIFT WTP WATER	37549	2022-11-21	0	Passed	
125	A.L. Abbott & Associates	LESEDING WTP WATER	37550	2022-11-21	0	Passed	
126	A.L. Abbott & Associates	NTSIKELELO WTP WATER	37551	2022-11-21	0	Passed	
127	A.L. Abbott & Associates	LOUISVALEDORP WTP WATER	37545	2022-11-21	0	Passed	
128	A.L. Abbott & Associates	LEERKRANS WTP WATER	37546	2022-11-21	0	Passed	
129	A.L. Abbott & Associates	RAASWATER WTP WATER	37547	2022-11-21	0	Passed	
130	A.L. Abbott & Associates	KOPEL RESERVOIR WATER	37691	2022-11-22	0	Passed	
131	A.L. Abbott & Associates	MELKSTROOM RESERVOIR WATER	37690	2022-11-22	0	Passed	
132	A.L. Abbott & Associates	PABALLELO TOWER	37689	2022-11-22	0	Passed	
133	A.L. Abbott & Associates	AH SEPTEMBER WATERWORKS WATER	37688	2022-11-22	0	Passed	
134	A.L. Abbott & Associates	AH 11 WATER	37864	2022-11-22	0	Passed	
135	A.L. Abbott & Associates	AH 13 WATER	37670	2022-11-22	0	Passed	
136	A.L. Abbott & Associates	AH 14 WATER	37671	2022-11-22	0	Passed	
137	A.L. Abbott & Associates	AH 15 WATER	37672	2022-11-22	0	Passed	
138	A.L. Abbott & Associates	AH 16 WATER	37673	2022-11-22	0	Passed	
139	A.L. Abbott & Associates	AH 17 WATER	37674	2022-11-22	0	Passed	
140	A.L. Abbott & Associates	AH 18 WATER	37675	2022-11-22	0	Passed	
141	A.L. Abbott & Associates	AH 19 WATER	37676	2022-11-22	0	Passed	
142	A.L. Abbott & Associates	AH 21 WATER	37865	2022-11-22	0	Passed	
143	A.L. Abbott & Associates	AH 22 WATER	37866	2022-11-22	0	Passed	
144	A.L. Abbott & Associates	AH 23 WATER	37867	2022-11-22	0	Passed	
145	A.L. Abbott & Associates	AH 24 WATER	37868	2022-11-22	0	Passed	
146	A.L. Abbott & Associates	AH 25 WATER	37869	2022-11-22	0	Passed	
147	A.L. Abbott & Associates	AH 26 WATER	37870	2022-11-22	0	Passed	
148	A.L. Abbott & Associates	AH 40 WATER	37684	2022-11-22	0	Passed	
149	A.L. Abbott & Associates	AH 41 WATER	37685	2022-11-22	0	Passed	
150	A.L. Abbott & Associates	AH 42 WATER	37686	2022-11-22	0	Passed	
151	A.L. Abbott & Associates	AH 43 WATER	37687	2022-11-22	0	Passed	
152	A.L. Abbott & Associates	K 1 WATER	37878	2022-11-22	0	Passed	
153	A.L. Abbott & Associates	K 2 WATER	37879	2022-11-22	0	Passed	
154	A.L. Abbott & Associates	LK 1 WATER	37882	2022-11-22	0	Passed	
155	A.L. Abbott & Associates	LK 2 WATER	37883	2022-11-22	0	Passed	
156	A.L. Abbott & Associates	L 1 WATER	37880	2022-11-22	2	Failed	Corrective actions taken: shock dosing chlorine.
157	A.L. Abbott & Associates	L 2 WATER	37881	2022-11-22	0	Passed	
158	A.L. Abbott & Associates	N 1 WATER	37884	2022-11-22	0	Passed	
159	A.L. Abbott & Associates	L 1 OPVOLG WATER	38107	2022-11-28	0	Passed	
160	A.L. Abbott & Associates	AH SEPTEMBER WATERWORKS WATER	38105	2022-11-28	0	Passed	
161	A.L. Abbott & Associates	THOMPSON SINGLE 23	38086	2022-11-28	0	Passed	
162	A.L. Abbott & Associates	LOUISVALEDORP WTP WATER	38106	2022-11-28	0	Passed	
163	A.L. Abbott & Associates	KAROS WTP WATER	38099	2022-11-28	0	Passed	
164	A.L. Abbott & Associates	LAMBRECHTSDRIFT WTP WATER	38100	2022-11-28	0	Passed	
165	A.L. Abbott & Associates	LEERKRANS WTP WATER	38101	2022-11-28	0	Passed	
166	A.L. Abbott & Associates	LESEDING WTP WATER	38102	2022-11-28	0	Passed	
167	A.L. Abbott & Associates	NTSIKELELO WTP WATER	38103	2022-11-28	0	Passed	
168	A.L. Abbott & Associates	RAASWATER WTP WATER	38104	2022-11-28	0	Passed	
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*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	**168**
Total number of samples passed for the month	**163**
Total number of samples failed for the month	**5**
Percentage of complaint water samples for the month	**97.0%**