

RESULTS OF TESTS OF GRAHAMSTOWN MUNICIPAL WATER SUPPLY: JULY 2007 - JANUARY 2010

Abbreviations:

TVC = Total viable count
CFU = Colony forming units
Coliform = E. Coli like bacteria
MAC = Maximum admissible concentration
Streps = Streptococci
ppm = Parts per million
GVL = Grahamstown Veterinary Laboratory
SABS = SABS Laboratory, Port Elizabeth
IMPEC = Integrated Meat Producers of the East Cape
GOA = Grahamstown Ostrich Abattoir
NHLS = National Health Laboratory Services

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All cultures performed on incoming Municipal water supply to GOA and IMPEC

DATE OF TEST	LAB USED	TVC CFU/ml 35°C for 48 hours	TOTAL COLIFORM MAC/100ml 37°C for 24 hours	E. COLI MAC/100ml 37°C for 24 hours	FAECAL STREPS MAC/100ml 37°C for 48 hours	Free chlorine in water Ppm
Range of criteria						
25/07/2007.	GVL	<100	0	0	0	0,15 - 0,50ppm
01/07/2010.	GVL	106	5	0	0	
07/08/2007.	GVL	1	0	0	0	
15/08/2007.	GVL	0	0	0	0	
29/08/2007.	GVL	0	0	0	0	
04/09/2007.	GVL	0	0	0	0	
10/10/2007.	GVL	0	0	0	0	
17/10/2007.	GVL	0	0	0	0	
23/10/2007.	GVL	0	0	0	0	
07/11/2007.	GVL	31	0	0	0	
20/11/2007.	GVL	0	0	0	0	
21/11/2007.	GVL	0	0	0	0	
04/12/2007.	GVL	1	0	0	0	
11/12/2007.	GVL	1	0	0	0	
22/01/2008.	GVL	3	1	0	0	0,30.
29/01/2008.	GVL	21	Innumerable	0	0	0,45

05/02/2008.	GVL	10	0	0	0	0	0	0.44
12/02/2008.	GVL	Innumerable	0	0	0	0	0	
20/02/2008.	GVL	20	0	0	0	0	0	0.46
26/02/2008	SABS	0	0	0	0	0	0	0.27
04/03/2008.	GVL	35	0	0	0	0	0	
11/03/2008.	GVL	Innumerable	38	0	0	0	0	
18/03/2008.	GVL	1	2	0	0	0	0	0.05
02/04/2008.	GVL	23	0	0	0	0	0	0.03
08/04/2008.	GVL	14	0	0	0	0	0	0.08
22/04/2008.	GVL	0	0	0	0	0	0	0.09
06/05/2008.	SABS	11	0	0	0	0	0	0.12
06/05/2008.	GVL	1	1	0	0	0	0	0.12
20/05/2008.	GVL	0	1	0	0	0	0	
20/05/2008.	SABS	13	0	0	0	0	0	
27/05/2008.	GVL	0	0	0	0	0	0	0.12
03/06/2008.	GVL	0	0	0	0	0	0	
10/06/2008.	GVL	0	0	0	0	0	0	
06/08/2008.	GVL	0	0	0	0	0	0	
26/08/2008.	GVL	Innumerable	0	0	0	0	0	
19/09/2008.	GVL	0	0	0	0	0	0	
01/10/2008.	GVL	0	0	0	0	0	0	
08/10/2008.	GVL	1	0	0	0	0	0	0.47
15/10/2008.	GVL	0	0	0	0	0	0	0.04
22/10/2008.	GVL	0	1	0	0	0	0	0.06
29/10/2008.	GVL	0	0	0	0	0	0	
05/11/2008.	GVL	24	0	0	0	0	0	0.34
18/05/2008.	GVL	4	0	0	0	0	0	0.04
02/12/2008.	GVL	1	0	0	0	0	0	0.04
13/01/2009.	GVL	0 (IMPEC)	0	0	0	0	0	0.34
19/01/2009.	GVL	12	5	0	0	0	0	0.40.
20/01/2009.	GVL	169 (IMPEC)	0	0	0	0	0	
28/01/2008.	GVL	4	11	0	0	0	0	0.23
04/02/2009.	GVL	29	18	0	0	0	0	0.10.
10/02/2009.	GVL	Innumerable	0	0	0	0	0	
10/02/2009.	GVL	Innumerable (IMPEC)	0	0	0	0	0	0.06

11/02/2009.	GVL	Innumerable	0	0	0	0	0	0.07
11/02/2009.	GVL	Innumerable (IMPEC)	0	0	0	0	0	
17/02/2009.	GVL	5	0	0	0	0	0	
17/02/2009.	GVL	69 (IMPEC)	0	0	0	0	0	
18/02/2009.	GVL	Innumerable	0	0	0	0	0	
18/02/2009.	GVL	Innumerable (IMPEC)	0	0	0	0	0	0.05
24/02/2009.	GVL	Innumerable	0	0	0	0	0	
24/02/2009.	NHLS	Innumerable	3	0	0	0	0	
24/02/2009.	NHLS	Innumerable	32	0	0	0	0	
24/02/2009.	GVL	Innumerable (IMPEC)	2	0	0	0	0	
24/02/2009.	NHLS	Innumerable (IMPEC)	10	0	0	0	0	
03/03/2009.	GVL	Innumerable	0	0	1	0	0	
03/03/2009.	NHLS	Innumerable	0	0	0	0	0	0.04
03/03/2009.	NHLS	Innumerable	1	0	0	0	0	
03/03/2009.	GVL	Innumerable (IMPEC)	0	0	0	0	0	0.04
03/03/2009.	NHLS	Innumerable (IMPEC)	0	0	0	0	0	
04/03/2009.	GVL	391(IMPEC)	1	0	0	0	0	
11/03/2009.	GVL	Innumerable (IMPEC)	0	0	0	0	0	
11/03/2009.	GVL	Innumerable	Innumerable	Innumerable	0	0	0	0.04
11/03/2009.	GVL	Innumerable (IMPEC)	Innumerable	Innumerable	0	0	0	
17/03/2009.	GVL	41	0	0	0	0	0	
18/11/2009.	GVL	Innumerable (IMPEC)	0	0	0	0	0	0.05
01/04/2009.	GVL	13	0	0	0	0	0	
01/04/2009.	GVL	20 (IMPEC)	0	0	0	0	0	0.07
05/05/2009.	GVL	110 (IMPEC)	0	0	0	0	0	
06/05/2009.	GVL	26	0	0	0	0	0	
03/06/2009.	GVL	3	0	0	0	0	0	0.03
03/06/2009.	GVL	1(IMPEC)	0	0	0	0	0	0.11
12/08/2009.	GVL	6	0	0	0	0	0	
12/08/2009.	GVL	76 (IMPEC)	0	0	0	0	0	0.09
18/08/2009.	GVL	8	0	0	0	0	0	
18/08/2009.	GVL	88 (IMPEC)	0	0	0	0	0	0.02
25/08/2009.	GVL	Innumerable	0	0	0	0	0	
25/08/2009.	GVL	Innumerable (IMPEC)	0	0	0	0	0	0.02
08/09/2009.	GVL	Innumerable	0	0	0	0	0	
08/09/2009.	GVL	Innumerable (IMPEC)	0	0	0	0	0	0.02
30/09/2009.	GVL	99	0	0	0	0	0	
30/09/2009.	GVL	Innumerable (IMPEC)	0	0	0	0	0	0.03

06/10/2009.	GVL	103	0	0	0	0	0	0.03
06/10/2009.	GVL	Innumerable (IMPEC)	3	0	0	0	0	
20/10/2009.	GVL	Innumerable	0	76	0	0	0	
20/10/2009.	GVL	Innumerable (IMPEC)	0	Innumerable	0	0	0	
27/10/2009.	GVL	Innumerable	Innumerable	0	0	0	0	0.11
27/10/2009.	GVL	Innumerable (IMPEC)	Innumerable	0	0	0	0	
03/11/2009.	GVL	Innumerable	0	86	0	0	0	0.04
03/11/2009.	GVL	Innumerable (IMPEC)	Innumerable	Innumerable	0	0	0	
10/11/2009.	GVL	Innumerable	0	11	0	0	0	0.05
10/11/2009.	GVL	Innumerable (IMPEC)	0	16	0	0	0	
17/11/2009.	GVL	26	0	3	0	0	0	0.12
24/11/2009.	GVL	20	3	0	0	0	0	0.08
24/11/2009.	GVL	Innumerable (IMPEC)	0	0	0	0	0	
01/12/2009.	GVL	Innumerable	Innumerable	0	3	0	0	0.08
01/12/2009.	GVL	Innumerable (IMPEC)	0	2	0	0	0	
08/12/2009.	GVL	Innumerable	0	2	0	0	0	0.13
08/12/2009.	GVL	Innumerable (IMPEC)	0	2	0	0	0	
13/01/2010.	GVL	Innumerable	0	0	0	0	0	0.03
13/01/2010.	GVL	Innumerable (IMPEC)	0	0	0	0	0	
19/01/2010.	GVL	Innumerable	0	0	0	0	0	0.01
19/01/2010.	GVL	Innumerable (IMPEC)	0	0	0	0	0	
02/02/2010.	GVL	75	0	0	0	0	0	0.07
02/02/2010.	GVL	Innumerable (IMPEC)	0	0	0	0	0	
09/02/2010.	GVL	Innumerable	0	0	0	0	0	0.05
09/02/2010.	GVL	Innumerable (IMPEC)	0	0	0	0	0	