

BACTERIOLOGICAL ANALYSIS
WATER SOURCES

MONTERRAT WATER AUTHORITY
BACTERIOLOGICAL ANALYSIS: WATER SOURCES
SEPTEMBER '96

Sampling Date	Water Type	Source	Control		Sample		F.C. Control	F.C. Sample	F.C. 100 mls	Analysis Date
			Vol. (ml)	Vol. (ml)	Vol. (ml)	Vol. (ml)				
	Untreated	Spring								
09/06/96	Drinking water	Ginger Ground	25	25	0	14	0	56	09/06/96	
09/06/96	Drinking water	Underwood	25	25	0	33	0	132	09/06/96	
09/06/96	Drinking water	Blackwood	25	25	0	232	0	928	09/06/96	
09/06/96	Drinking water	Fogarthy	25	25	0	5	0	20	09/06/96	
09/06/96	Drinking water	Lawyer's	25	25	0	3	0	12	09/06/96	
09/06/96	Drinking water	Quashie	25	25	0	3	0	12	09/06/96	
09/06/96	Drinking water	Olveston: 1st catchment	25	25	0	0	0	0	09/06/96	
09/06/96	Drinking water	Olveston: last catchment	25	25	0	36	0	144	09/06/96	
09/06/96	Drinking water	Hope	25	25	0	0	0	0	09/06/96	
09/10/96	Drinking water	K/Krankie - Ramhouse	25	25	0	7	0	28	09/10/96	
09/10/96	Drinking water	K/Krankie - Oven	25	25	0	0	0	0	09/10/96	
09/10/96	Drinking water	Corbette, 1st. Valley	25	25	0	118	0	472	09/10/96	
09/10/96	Drinking water	Corbette, 2nd. Valley	25	25	0	0	0	0	09/10/96	
09/10/96	Drinking water	Monkey - Oven	25	25	0	0	0	0	09/10/96	
09/10/96	Drinking water	Amersham - A	25	25	0	0	0	0	09/10/96	
09/10/96	Drinking water	Amersham - B	25	25	0	0	0	0	09/10/96	
09/06/96	Drinking water	Brodernicks	25	25	0	11	0	44	09/10/96	
		F.C denotes Fecal Coliform								
		F.C is expressed per 100 mls of sample.								

**MONTERRAT WATER AUTHORITY
BACTERIOLOGICAL ANALYSIS: WATER SOURCES
OCTOBER '96**

Sampling Date	Water Type	Source	Control Vol. (ml)	Sample Vol. (ml)	F.C Control	F.C. Sample	F.C 100 mls	Analysis Date	
									Untreated
10/30/96	Drinking water	Ginger Ground	20	20	0	11	55	10/30/96	
10/30/96	Drinking water	Underwood	20	20	0	42	210	10/30/96	
10/30/96	Drinking water	Blackwood	20	20	0	0	0	10/30/96	
10/30/96	Drinking water	Fogathy	25	25	0	4	16	10/30/96	
10/30/96	Drinking water	Lawyer's	25	25	0	5	20	10/30/96	
10/30/96	Drinking water	Quastie	25	25	0	3	12	10/30/96	
10/30/96	Drinking water	Olveston: 1st catchment	25	25	0	0	0	10/30/96	
10/30/96	Drinking water	Hope	25	25	0	0	0	10/30/96	
10/31/96	Drinking water	Amersham - B	25	25	0	0	0	10/31/96	
10/31/96	Drinking water	Brodernicks	25	25	0	0	0	10/31/96	
			F.C denotes Fecal Coliform						
			F.C is expressed per 100 mls of sample.						

MONTERRAT WATER AUTHORITY
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NOVEMBER '96

Sampling Date	Sampling Time	Water Type Untreated	Source Spring	Control		Sample		F.C. Sample	F.C. 100 mls	Analysis Date
				Vol. (ml)	F.C.	Vol. (ml)	F.C.			
11/28/96	10:33	Drinking water	Hope: 1st. catchment	25	0	25	84	336	11/28/96	
11/28/96	10:35	Drinking water	2nd. catchment	25	0	25	53	212	11/28/96	
11/28/96	11:05	Drinking water	Quashie: 2nd. catchment	25	0	25	8	32	11/28/96	
11/28/96	11:15	Drinking water	Lawyer's: 1st. catchment	25	0	25	99	396	11/28/96	
11/28/96	11:18	Drinking water	2nd. catchment	25	0	25	44	176	11/28/96	
11/28/96	11:38	Drinking water	Olveston: 3rd. catchment	25	0	25	0	0	11/28/96	
11/28/96	11:41	Drinking water	4th. catchment	25	0	25	85	340	11/28/96	
11/28/96	12:15	Drinking water	Fogarthy: 2nd. catchment	25	0	25	71	284	11/28/96	
			F.C denotes Fecal Coliform							
			F.C is expressed per 100 mls of sample.							
			Sampling followed approximately 4 hrs. after high intensity rainfall.							
			Analysis started: 13:45							
			Analysis ended: 14:25							

MONTERRAT WATER AUTHORITY
BACTERIOLOGICAL ANALYSIS: WATER SOURCES
JANUARY '97

Sampling Date	Sampling Time	Water Type	Source	Control Vol. (ml)	Sample Vol. (ml)	F.C. Control	F.C. Sample	F.C. 100 mls	Analysis Date
01/17/97	7:15	Drinking water	Ginger Ground	25	25	0	0	0	01/17/97
01/17/97	8:15	Drinking water	Underwood	25	25	0	4	16	01/17/97
01/17/97	8:00	Drinking water	Blackwood	25	25	0	0	0	01/17/97
			Fogarthy:						
01/17/97	9:09	Drinking water	1st. catchment	25	25	0	12	48	01/17/97
			Lawyer's:						
01/17/97	9:42	Drinking water	2nd. catchment	25	25	0	2	8	01/17/97
01/17/97	9:41	Drinking water	1st. catchment	25	25	0	1	4	01/17/97
			Quashie:						
01/17/97	9:33	Drinking water	2nd. catchment	25	25	0	2	8	01/17/97
			Olveston:						
01/17/97	8:00	Drinking water	2nd. catchment	25	25	0	0	0	01/17/97
01/17/97	8:02	Drinking water	3rd. catchment	25	25	0	1	4	01/17/97
			Hope:						
01/17/97	10:10	Drinking water	2nd. catchment	25	25	0	0	0	01/17/97
01/17/97	10:12	Drinking water	Upper left catchment	25	25	0	0	0	01/17/97
			F.C denotes Fecal Coliform						
			F.C is expressed per 100 mls of sample.						
			Analysis started: 12:58						
			Analysis ended: 13:40						

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JANUARY '97

Sampling Date	Sampling Time	Water Type	Source	Control Vol. (ml)	Sample Vol. (ml)	F.C. Control	F.C. Sample	F.C. 100 mls	Analysis Date
01/31/97	10:38	Drinking water	Fogarthy 1st. catchment	25	25	0	3	12	01/31/97
01/31/97	12:28	Drinking water	Lawyer's: 2nd. catchment	25	25	0	0	0	01/31/97
01/31/97	12:30	Drinking water	3rd. catchment	25	25	0	3	12	01/31/97
01/31/97	12:43	Drinking water	Quashie: 2nd. catchment	25	25	0	0	0	01/31/97
01/31/97	11:17	Drinking water	Olveston: 2nd. catchment	25	25	0	0	0	01/31/97
01/31/97	11:21	Drinking water	3rd. catchment	25	25	0	14	56	01/31/97
01/31/97	11:53	Drinking water	Hope: 2nd. catchment	25	25	0	0	0	01/31/97
01/31/97	11:50	Drinking water	Upper left catchment	25	25	0	0	0	01/31/97
F.C denotes Fecal Coliform				F.C is expressed per 100 mls of sample.					
Analysis started: 13:20									
Analysis ended: 13:45									

**MONTERRAT WATER AUTHORITY
BACTERIOLOGICAL ANALYSIS: WATER SOURCES
FEBRUARY '97**

Sampling Date	Sampling Time	Water Type	Source	Control Vol. (ml)	Sample Vol. (ml)	F.C.		F.C. Sample	F.C. 100 mls	Analysis Date
						Control	Sample			
02/20/97	9:00	Untreated Drinking water	Spring	25	25	0	4	4	16	02/20/97
02/20/97	9:20	Drinking water	Ginger Ground	25	25	0	3	3	12	02/20/97
02/20/97	9:05	Drinking water	Blackwood	25	25	0	1	1	4	02/20/97
			Underwood	25	25	0				02/20/97
			Fogarthys:							
02/20/97	9 37	Drinking water	1st. catchment	25	25	0	46	46	184	02/20/97
			Lawyer's:							
02/20/97	11 07	Drinking water	Left catchment	25	25	0	0	0	0	02/20/97
02/20/97	11 15	Drinking water	2nd. catchment	25	25	0	0	0	0	02/20/97
02/20/97	11:20	Drinking water	3rd. catchment	25	25	0	12	12	48	02/20/97
			Quashie:							
02/20/97	10:53	Drinking water	2nd. catchment	25	25	0	2	2	8	02/20/97
			Hope:							
02/20/97	10:10	Drinking water	Upper left catchment	25	25	0	1	1	4	02/20/97
02/20/97	10 21	Drinking water	2nd. catchment	25	25	0	6	6	24	02/20/97
02/20/97	10:18	Drinking water	Upper right catchment	25	25	0	74	74	296	02/20/97
02/20/97	10:14	Drinking water	Right of upper left catchment	25	25	0	22	22	88	02/20/97
			F.C denotes Fecal Coliform							
			F.C is expressed per 100 mls of sample							
			High intensity rainfall up to 2Hrs. prior to sampling							
			Analysis started: 12:00							
			Analysis ended: 13:00							

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FEBRUARY '97**

Sampling Date	Sampling Time	Water Type	Source	Control		F.C.		F.C. Sample	F.C. 100 mls	Analysis Date
				Vol. (ml)	Vol. (ml)	Control	Sample			
02/28/97	9:35	Untreated Drinking water	Spring	25	25	0	0	5	20	02/28/97
02/28/97	9:32	Drinking water	Ginger Ground	25	25	0	0	1	4	02/28/97
02/28/97	9:43	Drinking water	Blackwood	25	25	0	0	0	0	02/28/97
			Underwood	25	25	0	0	0	0	02/28/97
Fogarthy:										
02/28/97	10:40	Drinking water	1st catchment	25	25	0	0	1	4	02/28/97
Lawyer's:										
02/28/97	10:17	Drinking water	Left catchment	25	25	0	0	0	0	02/28/97
02/28/97	10:20	Drinking water	Top of first right catchment	25	25	0	0	2	8	02/28/97
02/28/97	10:18	Drinking water	3rd. catchment	25	25	0	0	8	32	02/28/97
02/28/97	10:19	Drinking water	Top right catchment	25	25	0	0	0	0	02/28/97
Quashie:										
02/28/97	10:04	Drinking water	2nd catchment	25	25	0	0	0	0	02/28/97
02/28/97	10:05	Drinking water	3rd. catchment	25	25	0	0	5	20	02/28/97
Olveston:										
02/28/97	9:45	Drinking water	1st. catchment	25	25	0	0	0	0	02/28/97
02/28/97	9:43	Drinking water	2nd. catchment	25	25	0	0	0	0	02/28/97
02/28/97	9:40	Drinking water	3rd. catchment	25	25	0	0	4	16	02/28/97
Hope:										
02/28/97	9:01	Drinking water	Upper left catchment	25	25	0	0	0	0	02/28/97
02/28/97	9:07	Drinking water	2nd. catchment	25	25	0	0	0	0	02/28/97
02/28/97	9:06	Drinking water	Upper right catchment	25	25	0	0	41	164	02/28/97
02/28/97	9:03	Drinking water	Upper mid. catchment	25	25	0	0	23	92	02/28/97
F.C denotes Fecal Coliform										
F.C is expressed per 100 mls of sample										
Analysis started: 11:35										
Analysis ended: 12:45										

MONTERRAT WATER AUTHORITY
BACTERIOLOGICAL ANALYSIS: WATER SOURCES
MARCH '97

Sampling Date	Sampling Time	Water Type	Source	Control Vol. (ml)	Sample Vol. (ml)	F.C Control	F.C. Sample	F.C 100 mls	Analysis Date
03/20/97	11:15	Drinking water	Monkey: Top Oven	25	25	0	0	0	03/20/97
			Killiekrankie:						
03/20/97	11:40	Drinking water	1st. oven	25	25	0	0	0	03/20/97
03/20/97	11:45	Drinking water	2nd. oven	25	25	0	0	0	03/20/97
03/20/97	11:57	Drinking water	Hydram	25	25	0	0	0	03/20/97
			Corbette:						
03/20/97	11:15	Drinking water	1st. valley	25	25	0	3	12	03/20/97
03/20/97	11:25	Drinking water	2nd. valley	25	25	0	139	576	03/20/97
			F.C denotes Fecal Coliform						
			F.C is expressed per 100 mls of sample.						
			Analysis started: 13:56						
			Analysis ended: 14:20						