0237

TRIHALOMETHANE POTENTIAL TESTING RESULTS FOR WELLS IN MCAS(H), NEW RIVER WATER SYSTEM

		Chloroform CHCl3	CHCl2 Br	CHCl Br2	CH Br3	Total
Camp Geiger (TC)	100	980	9	ND	ND	989
	201	160	125	ND	ND	307
	325	320	15	6	ND	341
	502	290	135	81	ND	506
	504	270	28	5	ND	303
	600	460	29	5	ND	494
	604	230	←	ND	→	230
	700	570	17	ND	ND	587
	1000	960	73	9	ND	1,042
	1001	85	←	ND	→	85
MCAS(H)	106	11	←	ND	→	11
	131	380	57	23	ND	460
	190	510	140	46	ND	696
	191	350	190	88	ND	628
	203	360	45	33	ND	438
	1251	550	110	30	ND	690
	1253	400	25	ND	ND	425
	1254	430	120	41	ND	591
	1255	330	39	18	ND	387
	1256	350	87	33	ND	470
	4140	540	85	15	ND	640
	4150	290	←	ND	→	290
	5001	690	16	ND	ND	706
	5009	PUMP OUT				

11,316
23
Actual - 492

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Samples are saturated with chlorine and after prescribed time Tested for THM TOTAL THM estimates maximum THM which water should generate unless organic matter added during Treatment.

Encl (1)

TRIHALOMETHANES
MARINE CORPS AIR STATION

Date: 2 July 1985

Bldg #	Chloroform $CHCl_3$	Dichlorobromo-methane $CHCl_2Br$	Chlorodibromo-methane $CHClBr_2$	Bromoform $CHBr_3$	TOTAL
	IN PPB				
AS-110 (Water Plant)	3	2	15	61	81
AS-2800 (Marina)	3	9	47	147	206
Date: 9 July 1985					
AS-110 (Water Plant)	2	2	15	52	71
G-520 (Barracks)	3	7	42	170	222
AS-4025 (Barracks)	3	6	32	143	184
AS-710 (O Club)	2	4	31	163	200
AS-2800 (Marina)	2	5	33	173	213

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Encl (2)

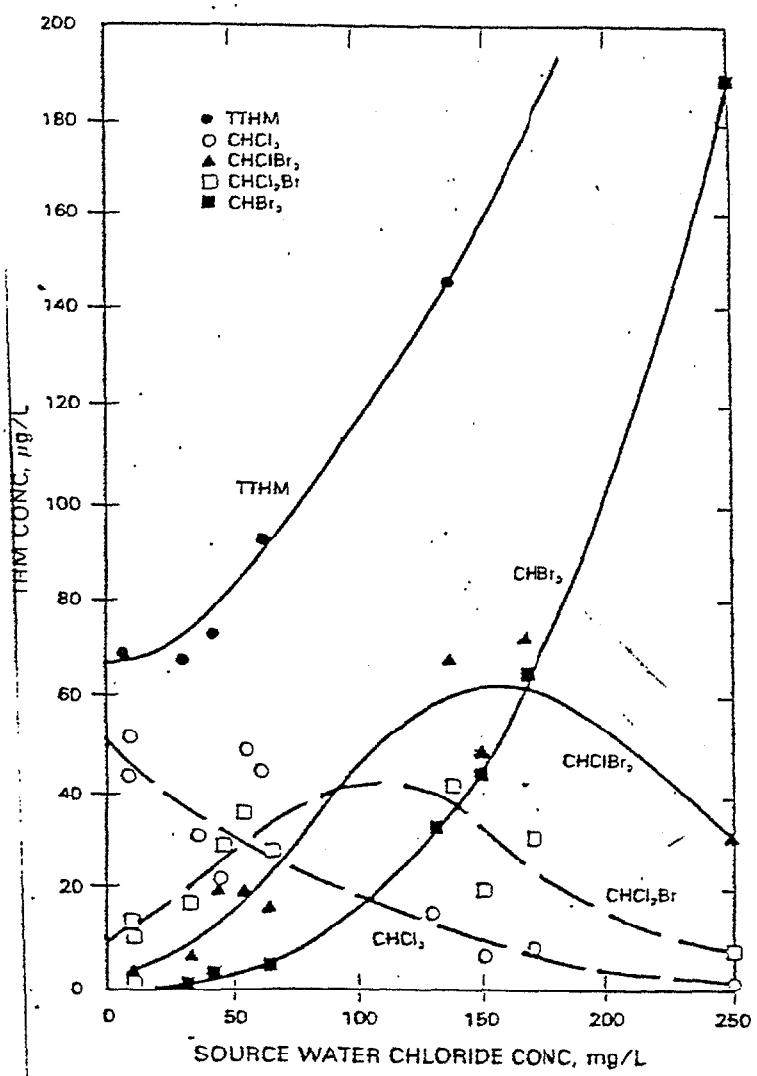

Figure 5. Effect of salt water intrusion on THM formation potential.[20] (Adapted from JOURNAL American Water Works Association, Volume 70, No. 11 [November 1978] by permission. Copyright 1978, the American Water Works Association.)

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Encl (2)