

0237

TRI LOMETHANE POTENTIAL TESTING F JLTS FOR
WELLS IN MCAS(H), NEW RIVER WATER SYSTEM

CHLOROFORM

	CHCI3	CHCI2 Br	CHCI 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				CLW

11, 214
23
MEANS = 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

<u>Bldg #</u>	<i>CHLOROFORM</i>	<i>DICHLOROBROMO-</i>	<i>CHLORO-DIBROMO-</i>	<i>BROMOFORM</i>	<u>TOTAL</u>
	<u>CHCl₃</u>	<u>IN PPB</u> <u>CHCl₂Br</u>	<u>CHClBr₂</u>	<u>CHBr₃</u>	
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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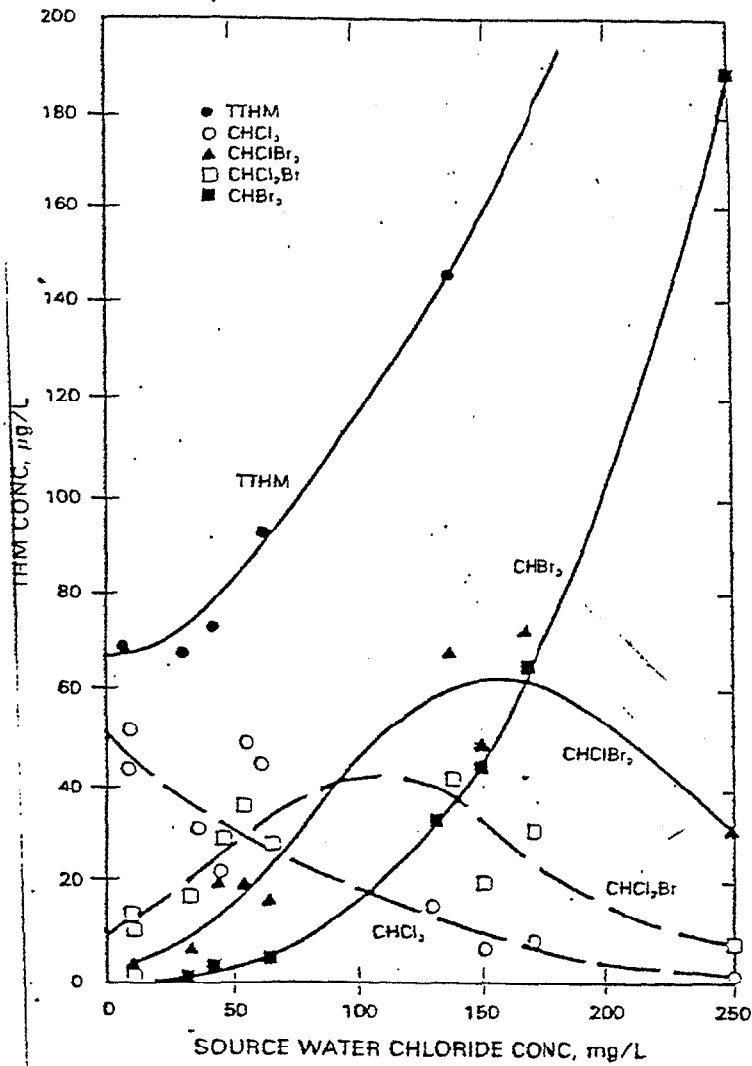


Figure 5. Effect of salt water intrusion on THM formation potential.²⁰ (Adapted from JOURNAL American Water Works Association, Volume 70, No. 11 [November 1978] by permission. Copyright 1978, the American Water Works Association.)

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Encl (3)