

10. Betz

VIA: Director.

l/W 20 Dec 83

Please Note that Col. Lilley signed off on discontinuance of voluntary monitoring. And requested reduction of Hadnot Pt. Frequency
Darryl Shaye

NREAD/DDS/sm
11330

DEC 12 1983

Mr. Charles E. Rundgren
Water Supply Branch
Division of Health Services
Post Office Box 2091
Raleigh, North Carolina 27602-2091

Dear Mr. Rundgren:

Enclosures (1), (2) and (3) provide updated Triholomethane data previously submitted to your agency by our letter dated 1 June 1983. Enclosures (2) and (3) provide additional information in accordance with written request from Mr. Larry Elmore, Environmental Engineer, Water Supply Branch, dated 21 June 1983. In accordance with guidance from Mr. Dick Casper, Water Supply Branch by telephone on 30 November 1983, the Grainger Laboratory data sheets requested by Mr. Elmore have not been included.

Enclosure (1) provides a summary of Triholomethane data for all eight drinking water systems aboard this installation. Based on the information contained in enclosure (1), voluntary monitoring of systems with identification number 04-67-043 through 04-67-048 have been discontinued. Also, based on the low Triholomethane contamination levels shown in enclosure (2), permission from your agency to reduce monitoring frequency to once a year for the Hadnot Point system, identification number 04-67-041 is hereby requested.

Monitoring of the Marine Corps Air Station (Helicopter), identification number 04-67-042 and related reporting will continue on a quarterly frequency. Questions regarding this matter should be forwarded to Ms. Elizabeth Betz, Supervisory Chemist, Natural Resources and Environmental Affairs Division, telephone (919) 451-5977.

Sincerely,

M. G. LILLEY
Colonel, U. S. Marine Corps
Assistant Chief of Staff, Facilities
By direction of the Commanding General

Encl:

- (1) TTHM Analysis-Quarterly & Annual averages
- (2) TTHM Analysis-Hadnot Point
- (3) TTHM Analysis-MCAS(H)

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TOTAL TRIHALOMETHANE ANALYSIS
MARINE CORPS BASE, CAMP LEJEUNE

QUARTERLY & ANNUAL AVERAGES

System	ID#	1982				1983		Annual Average	1983 Jul-Sep	Annual Average
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	1983 Apr-Jun				
Hadnot Point ¹	04-67-041	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	
MCAS-New River ¹	04-67-042	0.08	0.10	0.11	0.10	0.10	0.10	0.11	0.10	
Holcomb Blvd ²	04-67-043	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
wa Terrace ²	04-67-044	0.01	0.02	0.01	0.02	0.01	0.01	0.01	0.01	
Camp Johnson ²	04-67-045	0.01	0.01	0.01	0.01 ³	0.01	0.01	0.01	0.01	
Rifle Range ²	04-67-046	0.05	0.05	0.05	0.05	0.06	0.05	0.05	0.05	
Courthouse Bay ²	04-67-047	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04	
Onslow Beach ²	04-67-048	0.05	0.04	0.04	0.04 ⁴	0.04	0.04 ⁴	0.04	0.04	

Notes

- Hadnot Point and Marine Corps Air Station-New River systems serve populations between 10,000-74,999.
- These systems serve populations less than 10,000.
One of the distribution points were secured, so only four points were averaged instead of the usual five.
- In February 1983, the Onslow Beach distribution points were secured. Therefore, the only point collected was at the beginning of the distribution system.

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TOTAL TRITHALOMETHANE (TTM) ANALYSIS SUMMARY
MARINE CORPS BASE, CAMP LEJEUNE

Name of Water System: Hadnot Point
 Water System ID #: 04-67-041
 Type of System: Community
 Source of Water: Ground
 Type of Sample: D-Regular
 Parameter: Trihalomethane
 Contaminant ID: 2950
 Method Code: 215

Type of Treatment: (x) Chlorinated
 (x) Fluoridated
 (x) Filtered
 (x) Lime
 (x) Water Softener
 Samples Collected by: Water Quality Control Lab (ID#37807)
 Samples Analyzed by: Grainier Laboratories Inc (ID#37709)

Collected	Analyzed	Sampling Site # 1 Bldg 20, WTP Plant Tap Time	TTM (mg/l)	Sampling Site # 2 Bldg NH-1 Consumer Tap Time	TTM (mg/l)	Sampling Site # 3 Bldg 1202 Consumer Tap Time	TTM (mg/l)	Sampling Site # 4 Bldg 65 Consumer Tap Time	TTM (mg/l)	Sampling Site # 5 Bldg FC-530 Consumer Tap Time	TTM (mg/l)
04-22-82	05-03-82	1400	0.045	1410	0.051	1500	0.047	1530	0.047	1515	0.051
05-27-82	06-08-82	1133	0.027	1123	0.029	1333	0.028	1315	0.025	1345	0.028
06-25-82	07-08-82	1440	0.014	1455	0.015	1435	0.015	1510	0.014	1415	0.013
07-28-82	08-10-82	1100	0.041	1413	0.045	1347	0.042	1425	0.042	1358	0.047
11-26-82	12-08-82	1047	0.045	1056	0.042	1109	0.054	1138	0.045	1122	0.053
02-25-83	03-11-83	1505	0.040	1515	0.061	1445	0.041	1530	0.041	1453	0.041
05-27-83	06-10-83	1450	0.038	See Note	Below	1505	0.043	1514	0.039	1458	0.041
08-26-83	09-08-83	1459	0.038	1450	0.044	1509	0.039	1520	0.039	1515	0.041

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TOTAL TRICHALOMETHANE (THM) ANALYSIS SUMMARY
MARINE CORPS BASE, CAMP LEJEUNE

Name of Water System: Marine Corps Air Station
Water System ID #: 04-67-042
Type of System: Community
Source of Water: Ground
Type of Sample: D-Regular
Parameter: Trichalometane
Contaminant ID: 2950
Method Code: 215

Type of Treatment: (x) Chlorinated
() Fluoridated
(x) Filtered
(x) Lime
(x) Water Softener
Samples Collected by: Water Quality Control Lab (ID#37807)
Samples Analyzed by: Gratinger Laboratories Inc (ID#37709)

Collected	Analyzed	Sampling Site # 1 Time (mg/l) TTHM	Sampling Site # 2 Time (mg/l) TTHM	Sampling Site # 3 Time (mg/l) TTHM	Sampling Site # 4 Time (mg/l) TTHM	Sampling Site # 5 Time (mg/l) TTHM
04-20-82	05-03-82	1255	1345	1310	1325	1335
05-28-82	06-09-82	1125	1110	1135	1155	1145
06-25-82	07-08-82	1005	0953	1020	1045	1035
07-29-82	08-10-82	1110	1209	1122	1145	1135
08-17-82	08-31-82	0953	1040	1205	1235	1225
09-21-82	09-30-82	1235	1320	1247	1312	1300
11-29-82	12-08-82	1115	1150	1202	1141	1133
12-29-82	01-13-83	1305	1350	1315	1335	1325
01-26-83	02-04-83	1305	1357	1317	1338	1328
03-83	03-11-83	1245	1332	1257	1320	1310
05-27-83	06-10-83	1144	See Note Below	1154	1212	1204
08-26-83	09-08-83	1303	1254	1317	1340	1330

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