

Memorandum

DATE: 03 March 1982

FROM: Ms. Betz, Quality Control Lab., Environmental Section, NREAB, BMaintDiv

TO: Mr. Sharpe, Supervisory Ecologist, Environmental Section, NREAB, BMaintDiv

SUBJ: Trihalomethane Sampling at the Rifle Range; Results of

1. The January sampling of the Rifle Range Trihalomethanes was done on 28 January 1982, by Gaines Honeycutt. Discussions with the Army Lab revealed that they received the samples the first week in February, but that all their lab personnel were in the field for the whole month of February. Therefore they were not able to run the results until 4 March 1982. Below are the results, that were received over the phone. The units are ppbs.

Sample	CHCl ₃	CHCl ₂ Br	CHClBr ₂	CHBr ₃	TTHM
WTP-Raw	22.1	0.6	0.1	<0.1	22.9
WTP-Treated	47.1	11.7	3.7	0.3	62.8
RR-6	43.1	10.5	3.3	0.3	57.2
RR-10	51.9	14.2	4.7	0.4	71.2
RR-92	46.8	11.8	3.8	0.3	62.7

Elizabeth A. Betz
 Elizabeth A. Betz
 Supervisory Chemist

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<u>Sample #</u>	<u>Some Location</u>	<u>Date/ Time</u>	<u>Sig.</u>
571	Bld. RR-85 RR WTP Raw H ₂ O when pumps on	1/28/82 1435	J. Henney cut
572	Bldg. RR-85 RR WTP Treated H ₂ O Tap	1/28/82 1440	"
573	Bldg RR-6 Fwd House Sink	1/28/82 1445	"
574	Bldg. RR-10 Exchange Snack Bar	1/28/82 1500	"
575	Bldg. RR-92 RR STP Lab Bench Sink. Furthest from WTP	1/28/82 1455	"

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(ppb)

	<u>CHCl₃</u>	<u>CHCl₂Br</u>	<u>CHClBr₂</u>	<u>CHBr₃</u>	<u>THM</u>
WTP RAW	22.1	0.6	0.1	0.1	23
WTP TREAT	47.1	11.7	3.7	0.3	62.8 63
RR-6	43.1	10.5	3.3	0.3	57.2 57
RR-10	51.9	14.2	4.7	0.4	71.2 71
RR-92	46.8	11.8	3.8	0.3	62.7 63

$$\begin{array}{r} 24 \\ 3 \\ \hline 27 \end{array}$$

$$\begin{array}{r} 13 \\ 9 \\ \hline 22 \end{array}$$

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