



**DEPARTMENT OF THE AIR FORCE
28TH MEDICAL OPERATIONS SQUADRON (AFGSC)
ELLSWORTH AIR FORCE BASE SOUTH DAKOTA**



8 May 2017

MEMORANDUM FOR 28 BW/PA

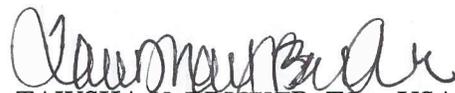
FROM: 28 MDOS/SGOJ

SUBJECT: May 2017 Compliance Water Monitoring Results

1. During the month of May 2017, the Bioenvironmental Engineering Flight (BEF) collected eight samples from state approved sites. Sampling is performed each month based on monitoring frequency requirements outlined in AFI 48-144, *Drinking Water Surveillance Program*, Para 4.1., and South Dakota Department of Environmental and Natural Resources (SD DENR) guidance. Below is a summary of samples collected in the month of May.

Site	Chlorine	pH	Bacteriological	Fecal
Bldg. 6000, Hospital	0.6	7.7	Absent	Absent
Bldg. 8210, CE Building	0.9	7.7	Absent	Absent
Bldg. 8003, CDC	0.8	7.8	Absent	Absent
Bldg. 7712, Youth Center	0.6	7.9	Absent	Absent
Bldg. 2106, Bandit Inn	0.9	7.7	Absent	Absent
Bldg. 7501, Base Operations	0.9	7.5	Absent	Absent
Bldg. 7925, BW Headquarters	0.7	7.6	Absent	Absent
Bldg. 1011, DDR	1.1	7.6	Absent	Absent

2. Drinking water standards set by the Environmental Protection Agency (EPA) and SD DENR, prescribe acceptable levels of chlorine and pH within a water system. Chlorine residual is maintained between 0.2-2.0 mg/L and pH at levels between 6.5 and 8.5. All samples are in compliance with EPA and state standards. Please contact the BEF at 385-3172 with any questions.


 TAWSHA Y. BRICKER, TSgt, USAF
 Flight Chief, Bioenvironmental Engineering



MIDCONTINENT

TESTING LABORATORIES, INC.

2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Purpose: Routine

Received: 05/03/17 at 01:27 PM
by Dean Aurand

Account: 8852

Ellsworth A.F.B.

BIOENVIRONMENTAL ENGINEERING
ELLSWORTH AFB
2900 DOOLITTLE DR
ELLSWORTH AFB, SD 57706-4814

MUNICIPAL DRINKING WATER REPORT

EPA #	SITE #	SAMPLE SITE	SAMPLE POINT	SAMPLE DATE & TIME	TOTAL COLIFORM SM 9223 B (P/A)	E. COLI SM 9223 B (P/A)	FIELD TESTS		ANALYST	LAB NUMBER
							RESIDUAL CL	PH		
8004	000	Bldg 7925		05/03/2017 09:00 AM	Absent	Absent	0.7 mg/L	7.6 S.U.	JMH 05/03/2017	20170503839
8004	000	Bldg 8210		05/03/2017 09:20 AM	Absent	Absent	0.9 mg/L	7.7 S.U.	JMH 05/03/2017	20170503840
8004	010	Youth Center		05/03/2017 11:20 AM	Absent	Absent	0.6 mg/L	7.9 S.U.	JMH 05/03/2017	20170503841
8004	000	Bldg 6000		05/03/2017 11:45 AM	Absent	Absent	0.6 mg/L	7.7 S.U.	JMH 05/03/2017	20170503842
8004	000	Bldg 7501		05/03/2017 10:35 AM	Absent	Absent	0.9 mg/L	7.5 S.U.	JMH 05/03/2017	20170503843
8004	000	BLDG 2106 (Banditt Inn)		05/03/2017 11:00 AM	Absent	Absent	0.9 mg/L	7.7 S.U.	JMH 05/03/2017	20170503844
8004	000	CEX Bldg 1011		05/03/2017 10:15 AM	Absent	Absent	1.1 mg/L	7.6 S.U.	JMH 05/03/2017	20170503845
8004	000	CDC		05/03/2017 09:50 AM	Absent	Absent	0.8 mg/L	7.8 S.U.	JMH 05/03/2017	20170503846

REPORT APPROVED BY:

Steve Pistan

REPORT APPROVED DATE:

5/5/2017 10:03:15 AM

DATE PRINTED:

05/05/2017 10:03 AM