



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

20 January 2016

MEMORANDUM FOR RECORD

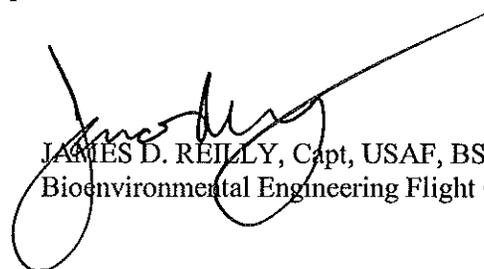
FROM: 28 MDOS/SGOJ

SUBJECT: January 2016 Compliance Water Monitoring Results

1. During the month of January 2016, 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 January.

Site	Chlorine	pH	Bacteriological	Fecal
Bldg. 923, Pump House	0.2	7.7	Absent	Absent
Bldg. 7712, Youth Center	0.4	7.8	Absent	Absent
Bldg. 7501, Base Ops	0.5	7.5	Absent	Absent
Bldg. 8210, CE	0.7	7.8	Absent	Absent
Bldg. 8003, CDC	0.8	7.7	Absent	Absent
Bldg. 1011, Urinalysis	0.9	7.6	Absent	Absent
Bldg. 2106, Bandit Inn	0.7	7.5	Absent	Absent
Bldg. 6000, Clinic	0.2	7.8	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 0.1-2.0 mg/L and pH at levels between 6.5 and 8.5. All samples are in compliance with EPA and state standards. Please contact BE at 385-3172 with any questions.

  
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Bioenvironmental Engineering Flight Commander