



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

3 February 2015

MEMORANDUM FOR RECORD

FROM: 28 MDOS/SGOJ

SUBJECT: October 2014 Compliance Water Monitoring Results

1. During the month of October 2014, Bioenvironmental Engineering (BE) collected 12 samples from state approved sites and 4 additional samples. 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 October.

Site	Chlorine	pH	Bacteriological	Fecal
Bldg. 7430, ALS	0.6	7.6	Positive	Absent
Bldg. 477, Roosevelt Drive	0.3	7.7	Positive	Positive
Bldg. 477, Roosevelt Drive	0.7	7.6	Absent	Absent
Bldg. 7430, ALS	0.7	7.5	Absent	Absent
Bldg. 430, Cleaveland	0.5	7.7	Absent	Absent
Bldg. 7450, SERE	0.2	7.5	Absent	Absent
Bldg. 490, Roosevelt Drive	0.5	7.7	Absent	Absent
Bldg. 6925	0.6	7.5	Absent	Absent
Det 21, Belle Fourche	0.3	7.2	Absent	Absent
Bldg. 7251, Control Room	0.6	7.7	Absent	Absent
Bldg. 7925, BW HQ	0.5	7.6	Absent	Absent
Bldg. 102, LRS	0.4	7.8	Absent	Absent
Bldg. 132, Maple Drive	0.5	7.8	Absent	Absent
Bldg. 88240, MUNS Armament	0.3	7.8	Absent	Absent
Bldg. 8003, CDC	0.4	7.8	Absent	Absent
Bldg. 7712, Youth Center	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.

3. In this report a portion of the sampling sites were reported positive. BE accomplished all required actions per SD DENR and the system is deemed "safe" for consumption. Please contact BE at 385-3172 with any questions.

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