



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

17 June 2015

MEMORANDUM FOR RECORD

FROM: 28 MDOS/SGOJ

SUBJECT: June 2015 Compliance Water Monitoring Results

1. During the month of June 2015, Bioenvironmental Engineering (BE) collected 9 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 June.

| Site | Chlorine | pH | Bacteriological | Fecal |
|----------------------------------|----------|-----|-----------------|--------|
| Bldg. 7104, Control Tower | 0.4 | 7.1 | Absent | Absent |
| Bldg. 9025, CATM | 0.4 | 7.7 | Absent | Absent |
| Bldg. 600, Vandenberg Elementary | 0.1 | 7.7 | Absent | Absent |
| Bldg. 6000, Hospital | 0.7 | 7.4 | Absent | Absent |
| Bldg. 8003, CDC | 0.8 | 7.8 | Absent | Absent |
| Bldg. 88240, MUNS | 0.2 | 7.7 | Absent | Absent |
| Bldg. 7712, Youth Center | 0.7 | 7.6 | Absent | Absent |
| Bldg. 1991, HAZMART | 0.8 | 7.5 | Absent | Absent |
| Bldg. 4500, Bandit Lanes | 0.7 | 7.2 | 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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