



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

11 September 2015

MEMORANDUM FOR RECORD

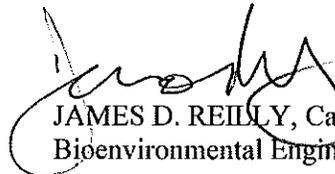
FROM: 28 MDOS/SGOJ

SUBJECT: September 2015 Compliance Water Monitoring Results

1. During the month of September 2015, Bioenvironmental Engineering (BE) collected 8 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 September.

| Site                      | Chlorine | pH  | Bacteriological | Fecal  |
|---------------------------|----------|-----|-----------------|--------|
| Bldg. 7104, Control Tower | 0.4      | 7.3 | Absent          | Absent |
| Bldg. 9025, CATM          | 0.3      | 7.7 | Absent          | Absent |
| Bldg. 6000, Hospital      | 0.4      | 7.6 | Absent          | Absent |
| Bldg. 8003, CDC           | 0.6      | 7.6 | Absent          | Absent |
| Bldg. 88240, MUNS         | 0.2      | 7.7 | Absent          | Absent |
| Bldg. 7712, Youth Center  | 0.5      | 7.7 | Absent          | Absent |
| Bldg. 1991, HAZMART       | 0.9      | 7.4 | Absent          | Absent |
| Bldg. 4500, Bandit Lanes  | 1.0      | 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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Bioenvironmental Engineering Flight Commander