

Tidewater, INC  
VA-011  
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Culpeper VA 22701  
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### Culpeper Minutemen Mem USARC - HVAC Equipment

| Test  | Evap Condenser     | Closed Loop      |  |  |
|---|--------------------|------------------|--|--|
| Conductivity (as mmhos)                       | 1288<br>900 - 1350 | 2865<br>5000 max |  |  |
| pH  | 8.3<br>7 - 9       | 9.0<br>8 - 10.5  |  |  |
| Chlorides                                     | 80<br>80 - 180     |                  |  |  |
| Hardness, total (ppm as CaCO <sub>3</sub> )   | 550<br>750 max     |                  |  |  |
| Alkalinity, total (ppm as CaCO <sub>3</sub> ) | 125<br>400 max     |                  |  |  |
| Molybdate (ppm as Mo)                         | 0.1<br>0.8 - 1.2   | 65<br>50 - 200   |  |  |

#### Evaporative Condenser

Online 

All readings were found within desired ranges besides inhibitor being low due to long times of being idle. Once the system is running more frequently all readings should be in desired ranges, system was idle while on site. Inspected overall operating condition of water treatment equipment and determined everything is working properly. Filled necessary feed tanks and ensured all chemical pumps are primed.

#### Closed Loop

Online 

All readings indicate good levels of protection for closed system. System is idle.