

DATE: March 4, 2019

TO: Capt. Matthew Shaw, Wisconsin Air National Guard

FROM: Michael Schmoller

SUBJECT: February 28, 2019 Statement of Objectives – PFAS Testing Fire Training Areas, Madison

The Department (WDNR) has reviewed the February 28, 2019 Statement of Objectives (SOO). The document is acceptable as written and provides a good path forward for developing a site-specific scope of work for each area of concern.

The WDNR has only the following comments on the draft SOO:

The existing QAPP needs to be reviewed to be sure it is consistent with the quality assurance protocols of ALS Global, the laboratory selected for this phase of work.

The WDNR agrees with Section 3.5 that sufficient wells and piezometers need to be placed around the site to be sure any groundwater impacts are identified. Given the variable flow conditions in the planned study areas, defining a consistent flow direction can be difficult.

The WDNR believes monitoring wells and piezometers should be placed close to the suspected release areas but probably not through the release area given the possibility of contaminant drag down during drilling.

The WDNR believes each monitoring well and piezometer should be installed as a permanent monitoring point. Temporary wells should not be used.