The text in this document is provided for assisting in the preparation of NOEs for court

purposes. These templates provide general information that may be covered in testimony by a lab analyst in the listed discipline. For case specific information attorneys should contact the analyst to discuss their expected testimony.

Content of any case specific alcohol toxicology interpretations (e.g., retrograde extrapolations, number of drink calculations, pharmacological effects, etc.) should be communicated via a written forensic alcohol opinion report authored by the expert.

The State of Alaska, by and through the undersigned attorney, hereby provides notice in the above-captioned case that the State intends to call [ANALYST NAME], Alaska Scientific Crime Detection Laboratory, 4805 Dr. Martin Luther King Jr. Ave., (907) 269-5740, as an expert witness. Any reports authored by this expert have been or will be provided to the defense pursuant to Criminal Rule 16. Curriculum vitaes for the State Crime Laboratory analysts are available on their website: (<https://dps.alaska.gov/Statewide/CrimeLab/Quality-Assurance/SOQ>).

The substance of [ANALYST NAME]’s expected testimony in this case is as follows:

1. Provide the definition of ethanol and an explanation of its physical and chemical properties and characteristics.
2. Describe evidence handling and security procedures in place in the crime lab.
3. Describe Headspace Gas Chromatography with Mass Spectrometry and Flame Ionization Detectors as it relates to ethanol analysis.
4. Describe the quality assurance measures in place to ensure the integrity and validity of the result in this case.
5. Explain the components of whole blood and how ethanol concentration may vary based on the type of blood collected and/or the tube type used to collect the blood.
6. Explain the impact (if any) of collection and storage conditions of the blood sample in this case on the resulting blood ethanol concentration.
7. Explain the meaning of a blood ethanol concentration result, such as the one in this case.
8. Comment on any other relevant matter on which the expert is qualified to render an opinion.

For additional information on blood ethanol testing procedures, refer to the Ethanol Quantitation and Volatile Analysis Procedure Manual located on the crime lab webpage under Quantitative Ethanol Manuals. <https://dps.alaska.gov/Statewide/CrimeLab/Quality-Assurance/QualityAssurance>