

Meridian, Idaho are accredited by A2LA in accordance with the recognized ISO/IEC 17025:2017 requirements, in addition to the R221 specific requirements for forensic examination.

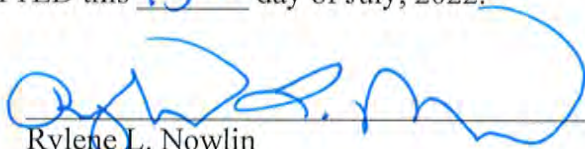
7. I affirm DNA casework analyses in nuclear STRs is part of the Meridian laboratory's scope of accreditation.
8. I affirm an analyst(s) in the ISPFS Biology/DNA casework section completed multiple reports related to this case (ISPFS Case Number M2020-2233). In those reports the following items have been identified:
 - Hairs on duct tape inside a body bag reported by Rexburg Police Department to have been used to transport the remains of JJ Vallow. This evidence is identified in Report Number 13 as Item 11.16.
 - Ridge detail on the adhesive side of tape reported by Rexburg Police Department to be associated with JJ Vallow's body as described above for trace/touch DNA.
 - Small dark spots on the handles of a shovel and pickaxe reported by Rexburg Police Department to have been recovered from a garage/barn. [The State does not intend to consume each of these spots, but to consume a sufficient amount to determine if they contain human DNA and/or any profile.] This evidence is identified in Report Number 10.
 - Swabs of tape areas associated with Items 11 and 13 evidence identified in Report Number 13.
 - Swabs reported by the Rexburg Police Department to be from Joshua J. Vallow's right hand fingernail(s) and reported to have been obtained during his autopsy. This evidence is identified in Report 13 as Item 1.
9. I affirm these items would be consumed during analysis.
10. I affirm hair roots have three phases of growth: anagen, catagen and telogen. Hairs in the anagen and catagen phase may be suitable for nuclear DNA analysis. Hairs in the telogen phase are not likely suitable for nuclear DNA analysis.
11. I affirm per the current ISPFS Biology/DNA casework analytical methods

(revision 9) the entire root-end of hairs is required for DNA extraction (BI-200 section 4.3.3). It is not possible for our laboratory to sample half of a hair root.

12. I affirm if the amount of DNA extracted is low, per the ISPFS Biology/DNA casework analytical methods the extract will be concentrated and consumed during analysis (BI-208 section 4.1.1).
13. I affirm it is not possible for the Laboratory to determine the amount of nuclear DNA present, if any, in a hair root until after the root has undergone DNA extraction and quantitation.
14. I affirm it is possible that touch DNA might be located on ridge detail present in tape adhesive. I further affirm that consuming the ridge detail sample is the most likely method to procure a DNA profile of the individual who left the ridge detail.
15. I affirm all ISPFS analytical methods, including the methods of the Biology/DNA casework unit, are available on our public website (www.isp.idaho.gov).
16. I affirm our laboratory Quality Procedure Manual restricts visitors from operational areas of the laboratory due to the risk of contamination and disruption of work (section 16.3.4b.3).
17. I affirm our laboratory Quality Procedure Manual will only allow closed circuit video of analysis if court ordered to do so (section 16.3.4b.3).
18. I affirm that due to the contamination risk, the risk of distraction that could lead to errors caused by having someone video the laboratory analysis, and the necessary shutdown of all other work in the laboratory during filming, the Laboratory requests to have samples analyzed by an independent accredited DNA laboratory instead of requiring ISPFS to video analysis.
19. I confirm that the information here is both accurate and complete to the best of my knowledge and belief.

Further, your affiant sayeth not.

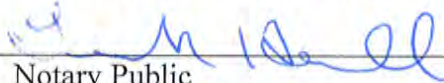
RESPECTFULLY SUBMITTED this 15th day of July, 2022.



Rylene L. Nowlin

SUBSCRIBED AND SWORN to before me this 15 day of July, 2022.





Notary Public
Residing at: Idaho CO
My Commission Expires: 6/6/25