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## Bureau of Criminal Apprehension

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June 15, 2016

### MN Law Enforcement Agencies

This notice is posted to advise you that because of changes made by the FBI, certain DNA profiles generated from evidence previously submitted by law enforcement agencies will no longer be searched in the National DNA Index System (NDIS), a part of the Combined DNA Index System (CODIS). The number of MN DNA profiles being removed from the NDIS database is relatively small. You may have received a laboratory report(s) stating that a DNA profile(s) developed from evidence submitted by your agency was sent to NDIS for routine searching. If the profile developed was a forensic partial or a forensic mixture, that may no longer be the case. If you have questions concerning a specific forensic partial or forensic mixture profile, please address them to the laboratory to which you submitted your case(s).

DNA profiles generated from crime scene evidence (forensic DNA profiles), if eligible, are uploaded into local, state and national DNA databases for searching. The eligibility for uploading these forensic DNA profiles varies at the local, state and national level. The NDIS Operational Procedures Manual specifies the minimum number of CODIS Core Loci required for searching at the national level. Previously, a minimum of 10 CODIS Core Loci were required to upload and search a forensic DNA profile at NDIS. With over 15 million DNA records now stored at NDIS, the FBI has been working to improve the efficiency and effectiveness of CODIS searches to provide high quality candidate matches that offer valuable investigative leads.

Effective May 1, 2016, new search strategies for forensic partial and forensic mixture profiles were implemented that evaluate how common or rare a DNA profile is as a whole. To do this, a statistical threshold of match rarity of one in ten million (or rarer) is required for forensic partial and forensic mixture profiles to be searched at NDIS. Those forensic mixture and forensic partial DNA profiles that do not satisfy this statistical threshold of match rarity have been removed from NDIS. Use of this statistical threshold, however, may now allow some previously ineligible forensic partial and forensic mixture DNA profiles that have a minimum of 8 CODIS Core Loci to be uploaded and searched in NDIS if they have a match rarity of at least one in ten million.

Since the MN State DNA database (SDIS) has far fewer DNA records than NDIS, we will continue to search certain forensic partial and forensic mixture DNA profiles at the State level in accordance with our State DNA database eligibility rules. This also applies to the Local DNA database (LDIS) laboratories. As noted above, any questions concerning a specific forensic partial or forensic mixture profile should be addressed to the laboratory that performed the DNA analysis in your case(s).

Sincerely:

A handwritten signature in blue ink, appearing to read "James Iverson".

James Iverson  
Assistant Laboratory Director