



**Quality Division Use Only**

Quality Tracking #:	<input type="text" value="2018-093"/>	Classification:	<input type="text" value="Incident"/>
Non-Conformance Level:	<input type="text" value="N/A"/>	Section:	<input type="text" value="Biology/DNA"/>
Date of Discovery:	<input type="text" value="08/28/18"/>	Date of Incident:	<input type="text" value="06/22/18"/>

Forensic Case Number(s), if applicable:	Agency Case Number(s), if applicable:
2016-12515 2017-15961 2017-23468 2017-23518 2018-00001 2018-04183 2018-06585 2018-07513 2018-07564 2018-07822 2018-07846 2018-07851 2018-07878 2018-07881 2018-07883 2018-07901 2018-07989 2018-08236 055010409	051803416 105933117 159537117 161627917 163309917 024480118 054349118 061875518 058553218 065375318 059287318 065895518 066512118 066210518 066224318 067793018 066986218 069190418 055010409

**Description of Non-conformance:**  
 Because several samples in the same Forensic Biology amplification plate yielded results that were inconsistent with their quantification values, the amplification plate was visually examined and found to have volume discrepancies noted in many wells. The discrepant wells were individually measured to determine the remaining volumes. Because several reagent blanks as well as the negative control had volume discrepancies, it was determined that the entire plate would be re-amplified as the original data's integrity may have been compromised.

**Actions Taken:**  
 Once the re-amplification results were generated, a review of the data showed that the results were more consistent with their respective quantification values. Therefore, the original data will not be used. The samples will have the following report statement "A sample preparation error occurred with this item. See Quality Report 2018-093". Two cases were previously reported and will be amended accordingly. The DNA Analytical Procedures SOP was updated to include specific language at multiple steps in the process to require visual inspection of plate wells for volume and color and it instructed staff to note any discrepancies and, if applicable, any actions taken.

**Summary of Root Cause Analysis:**  
 Note: Incidents are documented for tracking purposes and trend analysis. Root Cause Analysis is not required for incidents.



N/A

**Additional Information/Follow-Up:**

N/A

**Section Manager:** Courtney Head

**Date:** 10/23/18

**Division Director:** Amy Castillo

**Date:** 10/23/18

**Incidents or Corrective Actions that involve the Biology/DNA section are reviewed by the Technical Leader and CODIS Administrator.**

**Technical Leader:** Robin Guidry

**Date:** 10/18/2018

**CODIS Administrator:** Jennifer Clay

**Date:** 10/22/2018

**Quality Director:** Lori Wilson

**Date Closed:** 10/24/18