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Confidential to:  
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September 27, 2013

RE: Ms. Nicole Evans-Mahoney Polygraph Examination Report

On September 4, 2013, I, Mark F Teceno, a licensed polygraph examiner, met with Nicole Evans-Mahoney, who is Chad Evan's sister, at 788 Forest Ave., Portland, ME for the purpose of administering her a polygraph examination. Chad Evans was convicted in New Hampshire in 2001 of murdering 21-month old Kassidy Bortner, who died on November 9, 2000. In 2000, Ms. Nicole Evans-Mahoney was married to Brandon Harvey and was then known as Nicole Harvey.

The main issue under consideration for the polygraph examination was whether or not Ms. Nicole Evans-Mahoney lied to police during her November 9, 2000 interview when she stated that Kassidy Bortner, Chad Evans, and other family members: husband Brandon, father-in-law Tom, mother-in-law Gerri and grandfather-in-law Steve Harvey were at her home on November 5, 2000, the Sunday before Kassidy Bortner's death.

I advised Ms. Evans-Mahoney of her legal rights in connection with the polygraph examination. She read, completed and voluntarily signed a consent form. I advised Ms. Evans-Mahoney that the entire examination would be recorded using both audio and video. I questioned Ms. Evans-Mahoney about her medical and psychological health and history to determine her suitability for polygraph examination. Ms. Evans-Mahoney did not disclose nor did I detect any condition or circumstance that would necessarily preclude successful examination.

I discussed with Ms. Evans-Mahoney the circumstances of her claim and what her recollections were. She told me she had been truthful with police when questioned about Kassidy Bortner's death. She told me the Sunday before Kassidy's death she believed to be November 5, 2000. She said that on that Sunday her brother Chad Evans had brought Kassidy Bortner to her home in Belmont, New Hampshire. The purpose of the visit was that Chad would assist other family members in renovation efforts of the home. Kassidy was in Chad's care at the time. Also present at the home and during Chad and Kassidy's visit were other Harvey family members: Brandon, Tom, Gerri and Steve.

Ms. Evans-Mahoney told me that she recalled seeing one fading fingertip sized bruise on Cassidy's facial cheek that Sunday but did not recall seeing any other bruises that day. She said she had seen bruises on Cassidy during four or five other visits but all were very small and did not raise any red flags for her. Ms. Evans-Mahoney said the events and interactions with Cassidy were more than 13 years ago and she could not recall certain details or specifics but said she would have recalled them, if she had thought any of the bruises were suspicious or substantial, which she did not.

A Limestone computerized polygraph system version 2.7 was used for collection of polygraph exam data. I collected two charts from Ms. Evans-Mahoney using acquaintance question technique. I saw that Ms. Evans-Mahoney was responding appropriately to the polygraph testing procedure.

I discussed with Ms. Evans-Mahoney and thoroughly reviewed all the test questions for the exam. I specifically explained to Ms. Evans-Mahoney when I used the term "that Sunday" I was referring to the Sunday before Cassidy's death. I specifically explained to Ms. Evans-Mahoney when I used the term "other family members" I was referring to all the Harvey's that she listed: Brandon, Tom, Gerri, and Steve Harvey. Ms. Evans-Mahoney indicated that she understood the test questions and could answer each truthfully. She answered "No" when asked the following relevant questions:

R 1 Did you lie to police when you said Cassidy, Chad and other family members were at your house that Sunday?

R 2 Did you lie to police when you stated Cassidy, Chad and other family members were at your house that Sunday?

R 3 Did you lie to police when you claimed Cassidy, Chad and other families were at your house that Sunday?

I collected three charts from Ms. Evans-Mahoney using a University of Utah "multi-facet" comparison test question technique. All three were suitable for interpretation. I used the Empirical Scoring System to manually analyze the test data and then subjected that same data to computerized scoring algorithms.

My manual scoring of Ms. Evans-Mahoney's exam results were that the grand total score was +21, that score exceeds the standard recommended cut off of +2 for a finding of No Deception Indicated or No Significant Responses. The score of +16 or greater when referenced in a table of published normative data has a corresponding level of confidence or chance of error is  $P < .001$ , meaning the likelihood of a deceptive person producing those same results is one in a thousand.

I also subjected Ms. Evans-Mahoney's exam data to the computerized polygraph system's scoring algorithm OSS-3, and it rendered an analysis report that there was No Significant Responses to relevant questions presented with a probability of error of  $P < .001$ , again meaning the likelihood of a deceptive person producing those results is less than one in a thousand, which agreed with and supports my finding of No Deception Indicated. There is some research that strongly suggests when the computerized polygraph system's scoring algorithm OSS-3 finding matches an examiner's finding the statistical chance of an incorrect finding for the data is 2% or less.

Based on my test data analysis it is my opinion that it is very unlikely Ms. Evans-Mahoney lied to the relevant questions presented to her during chart collection. I would expect any competent ethical licensed or police examiner to reach or arrive at the same finding or opinion when reviewing the data I collected. All data and related exam materials will be kept on file and are available for review and inspection with Ms. Evans-Mahoney's permission.

Respectfully submitted,

A handwritten signature in black ink that reads "Mark F. Teceno". The signature is written in a cursive style with a large, stylized initial "M".

Mark F. Teceno,

Maine Licensed Polygraph Examiner #035