

Post-Election Audit Summary

November 8, 2016 General Election

President/Vice President

Justice of the Supreme Court (Full Term Commencing 1/2/2017)

Sheriff

Beginning on December 5, 2016, the Butler County Board of Elections conducted a risk-limiting audit of the November General Election, per Directive 2016-24 of the Ohio Secretary of State. Per the Secretary of State, the audit was conducted of the results for President and Justice of the Supreme Court (Full Term Commencing 01/02/2017). The Butler County Board of Elections also randomly selected the race for Sheriff to be included in the audit.

The Board selected to use polling locations as the ‘unit to be audited,’ because in multi-precinct polling locations, voters may vote on any electronic voting unit. Therefore, individual voting units contained votes cast by voters in multiple precincts. A total of 176,301 votes were cast in Butler County in the November 2016 election. Each contest to be audited had a certified margin of greater than 1 percent (calculated as a percentage of the ballots cast on which the contest appeared). A spreadsheet was used to record the results of the audit, which must find an accuracy rate of 99.5 percent or greater. The Board randomly selected units to be audited until at least 5 percent of the votes cast or (8,815) were included in the ballots to be hand counted. A total of 5 polling locations were randomly drawn, containing 16 precincts, for a total of 9095 ballots.

There were two discrepancies found after hand counting those 9095 ballots. The discrepancies are noted below. The total cost to conduct the audit, including preparation and staff time, totaled \$2,880.00.

The results of the audit by contest are outlined below.

President/Vice President

	Official Results	Audit Results	Difference	Explanation
Hillary Clinton/Tim Kaine	2,840	2,841	1	Provisional ballot bubble not filled-in enough to be read by scanner
Richard Duncan/Ricky Johnson	38	38	0	
Gary Johnson/William Weld	317	317	0	
Jill Stein/Ajamu Baraka	71	71	0	
Donald J. Trump/Michael R. Pence	5,681	5,682	1	Absentee ballot marked outside bubble and not read by scanner
Write-in Candidates	72	72	0	

Over-voted contest	4	4	0	
Under-voted contest	72	70	-2	2 votes were determined as valid during hand count as noted above
Total	9,095	9,095	Accuracy Rate	99.9996%

Justice of the Supreme Court (FTC 1/2/2017)

	Official Results	Audit Results	Difference	Explanation
Pat DeWine	4,992	4,992	0	
Cynthia Rice	2,135	2,135	0	
Over-voted contest	1	1	0	
Under-voted contest	1,967	1,967	0	
Total	9,095	9,095	Accuracy Rate	100%

Sheriff

	Official Results	Audit Results	Difference	Explanation
Richard K. Jones	6,384	6,384	0	
Dale Richter	2,262	2,262	0	
Over-voted contest	1	1	0	
Under-voted contest	448	448	0	
Total	9,095	9,095	Accuracy Rate	100%

