



January 20, 2023

Sherry Brown

Harrison County Clerk

300 North Capitol Ave. Room #203

Corydon, IN 47112

Dear Clerk Brown,

On January 12, 2023, the VSTOP team successfully completed a post-election audit in Harrison County, Indiana, for the 2022 General Election. The VSTOP Team members who participated in person included Dr. Chad Kinsella, VSTOP Co-Director; Liz Beatrice, VSTOP Program Manager; and Rachael Alaniz, VSTOP Project Specialist. This activity was carried out by the VSTOP Team in collaboration with the Harrison County Team. The Harrison County Team members included Sherry Brown, Harrison County Clerk; Michael Harmon, Harrison County Voter Registration; Susan Isbell, Beverly Seitz, Lue Ashley, and Kelli Stone, Harrison County Absentee Board Members; and Maryland Austin and Nathaniel Adams, Harrison County Election Board Members.

The VSTOP Team would like to thank Clerk Brown, Michael Harmon, the Harrison County Audit Team, and the Harrison County Election Board for hosting this post-election audit. Several preparatory meetings were conducted with the county in the weeks leading up to the post-election audit and Michael Harmon provided valuable information and data that was used to conduct the audit.

The post-election audit began with an introductory presentation to the county participants on the morning of the audit. This presentation included the generation of a 20-digit seed number, in collaboration with all county participants. The seed number produced is as follows: 47184594969452783404.

The VSTOP team would also like to take this opportunity to provide a brief description of the post-election audit conducted and the contests that were audited. Harrison County uses the Hart InterCivic Verity 2.5 Optical Scan voting system. The post-election audit was carried out for the total of ballots cast during the Harrison County 2022 General Election.

In consultation with Harrison County, the following three races were audited with an initial risk limit set at 9% (as the attached report shows, the actual risk limits attained were lower):

- State Auditor
- County Treasurer
- County Council Member District 3

There were a total of 14,129 Election Day and Absentee Ballots. 93 Election Day and Absentee ballots were sampled to reach the risk limit and verify the outcomes. Of this total, the audit team was required to sample 22 ballots for State Auditor, 38 ballots for County Treasurer, and 33 ballots for County Council Member District 3 to meet the risk limit. Specifics regarding each race's outcomes are displayed by images provided by Dr. Philip Stark's Audit Tool used to conduct the post-election audit and can be found in Appendix A.

VSTOP acknowledges the Indiana Secretary of State and his office staff for their full support. At the end of all post-election audits for the 2022 General Election, a full report of the audit results will be prepared and submitted to the Indiana Secretary of State and each participating county.

A handwritten signature in cursive script that reads "Jay Bagga".

Dr. Jay Bagga, VSTOP Co-Director

A handwritten signature in cursive script that reads "Chad Kinsella".

Dr. Chad Kinsella, VSTOP Co-Director



## Harrison County Post-Election Audit Procedure

**Election:** 2022 General Election

**Date(s) of Audit:** January 12, 2023

**Number of Registered Voters:** 29,714

**Total Number of Ballots Cast:** 14,129

**Stark's Risk-Limit:** Initially set at 9%  
(See below for the actual risk-limited achieved)

**Seed Number:** 47184594969452783404

**Post-Election Audit Method:** Ballot Polling Risk-Limiting Audit

**Post-Election Audit Tools used:** The ballot polling post-election audit tools have been designed by Dr. Philip Stark and are available at:  
<https://www.stat.berkeley.edu/~stark/Vote/ballotPollTools.htm>

**Races Audited:**

Harrison County Ballot Polling Audit					
Race/Question	Outcome	Smallest Margin	Diluted Margin	Number of Ballots to be Audited*	
State Auditor	(R) Tera K. Klutz*	9893	6552	46.37%	22
	(D) Zenai Brooks	3341			
	(L) John Andrew Schick	491			
	Undervotes	404			
	<b>Total Ballots Cast</b>	<b>14129</b>			
County Treasurer	(R) Christa Day*	9811	5849	41.40%	29
	(D) Leisa J. Emily	3962			
	Undervotes	356			
	<b>Total Ballots Cast</b>	<b>14129</b>			
County Council Member District #3	(R) Holli Baker Castetter*	2695	1523	39.28%	33
	(D) Adam Schneider	1172			
	Undervotes	80			
	<b>Total Ballots Cast</b>	<b>3947</b>			

Asterisk (\*) denotes the winner of each contest

## State Auditor

### Sample Size:

With the selected risk limit of 9%, the initial sample size for this contest was 22.

Initial sample size

Contest information

Ballots cast in all contests:  Smallest margin (votes): 6,552. Diluted margin: 46.37%.

Contest 1. Contest name:

Winners:

Reported votes:

Candidate 1 Name:	Tera K. Klutz	Votes:	9893
Candidate 2 Name:	Zenai Brooks	Votes:	3341
Candidate 3 Name:	John Andrew Schick	Votes:	491

Audit parameters

Risk limit:  Expected sample size: 22.

### Final Outcome:

With the initial sample size of 22 ballots, the final outcome resulted in a 2% risk limit, which indicates 98% confidence that the audit confirmed the results of this contest. Further sampled ballots were not required for this audit.

### Audit progress

<b>Audited votes for State Auditor: 22</b>		
	<b>Tera K. Klutz</b>	<b>17</b>
<b>Zenai Brooks</b>	4	0.02
<b>John Andrew Schick</b>	1	0

## Harrison County Treasurer

### Initial Sample Size:

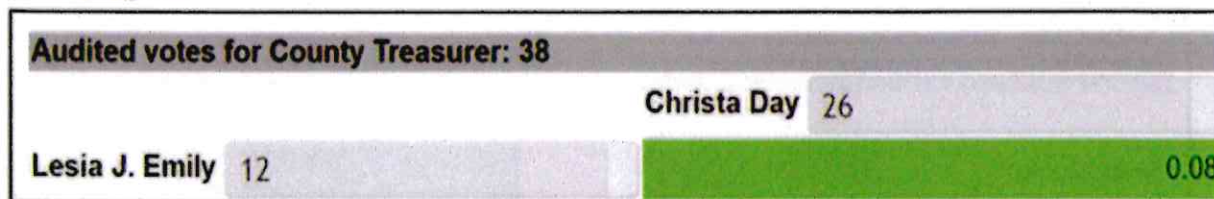
With the selected risk limit of 9%, the initial sample size for this contest was 29.

Initial sample size			
Contest information			
Ballots cast in all contests:	14129		
Smallest margin (votes): 5,849. Diluted margin: 41.4%.			
Contest 1. Contest name:			
County Treasurer			
Winners:	1		
Reported votes:			
Candidate 1 Name:	Christa Day	Votes:	9811
Candidate 2 Name:	Leisa J. Emily	Votes:	3962
Add candidate to contest 1		Remove last candidate from contest 1	
Add contest		Remove last contest	
Audit parameters			
Risk limit:	9%	Expected sample size: 29.	

### Final Outcome:

With the initial sample size of 29 ballots, the risk limit of 9% was not met. The auditing team sampled an additional 9 ballots, yielding an 8% risk limit, indicating 92% confidence that the audit confirmed the results of the contest.

### Audit progress



## Harrison County Council District 3

### Sample Size:

With the selected risk limit of 9%, the initial sample size for this contest was 33.

Initial sample size

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Contest information

Ballots cast in all contests:  Smallest margin (votes): 1,523. Diluted margin: 38.59%.

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Contest 1. Contest name:

Winners:  ▼

Reported votes:

<b>Candidate 1 Name:</b> <input type="text" value="Holli Baker Castetter"/>	<b>Votes:</b>	<input type="text" value="2695"/>
<b>Candidate 2 Name:</b> <input type="text" value="Adam Schneider"/>	<b>Votes:</b>	<input type="text" value="1172"/>

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Audit parameters

Risk limit:  Expected sample size: 33.

### Final Outcome:

With the initial sample size of 33 ballots, the final outcome resulted in a 3% risk limit, which indicates 97% confidence that the audit confirmed the results of this contest. Further sampled ballots were not required for this audit.

### Audit progress



