2005 US Election Assistance Statement

“It is well known that deficiencies in election management and administration procedures can have just as much impact on the enfranchisement of voters and the outcome of elections as the functioning of the voting machines. The overall integrity of the election process depends on both of these elements working together.”

Pages 3-4 of the US Election Assistance Commission Voluntary Voting Systems Guidelines 1.0 - https://www.eac.gov/sites/default/files/eac_assets/1/28/VVSG.1.0_Volume_1.PDF

What Makes a Good Test Deck

- Each Ballot Style is Tested
  - Standard Ballot – Ballot with Ovals, usually pre-printer by vendor
  - ExpressVote Ballot – Ballot with bar codes
  - Ballot on Demand Ballot (Printed On-Site During Election)

Ballot Styles/Types

WAUKESHA COUNTY/WISCONSIN
2024 FALL PRIMARY
08/13/2024
CITY MUSKEGO W3, CITY MUSKEGO W3

PARTY PREFERENCE SECTION----------
DEMOCRATIC

DEM UNITED STATES SENATOR----------
TAMMY BALDWIN

DEM REPRESENTATIVE IN CONGRESS
DISTRICT 5----------
BEN STEINHOFF

DEM STATE SENATOR DISTRICT 28---------
MEGAN LACH

DEM REPRESENTATIVE TO THE ASSEMBLY
DISTRICT 84----------
ZACH ROPER

DEM DISTRICT ATTORNEY----------
W/I:AA←

DEM COUNTY CLERK----------
W/I:BB←

DEM COUNTY TREASURER----------
W/I:CC←

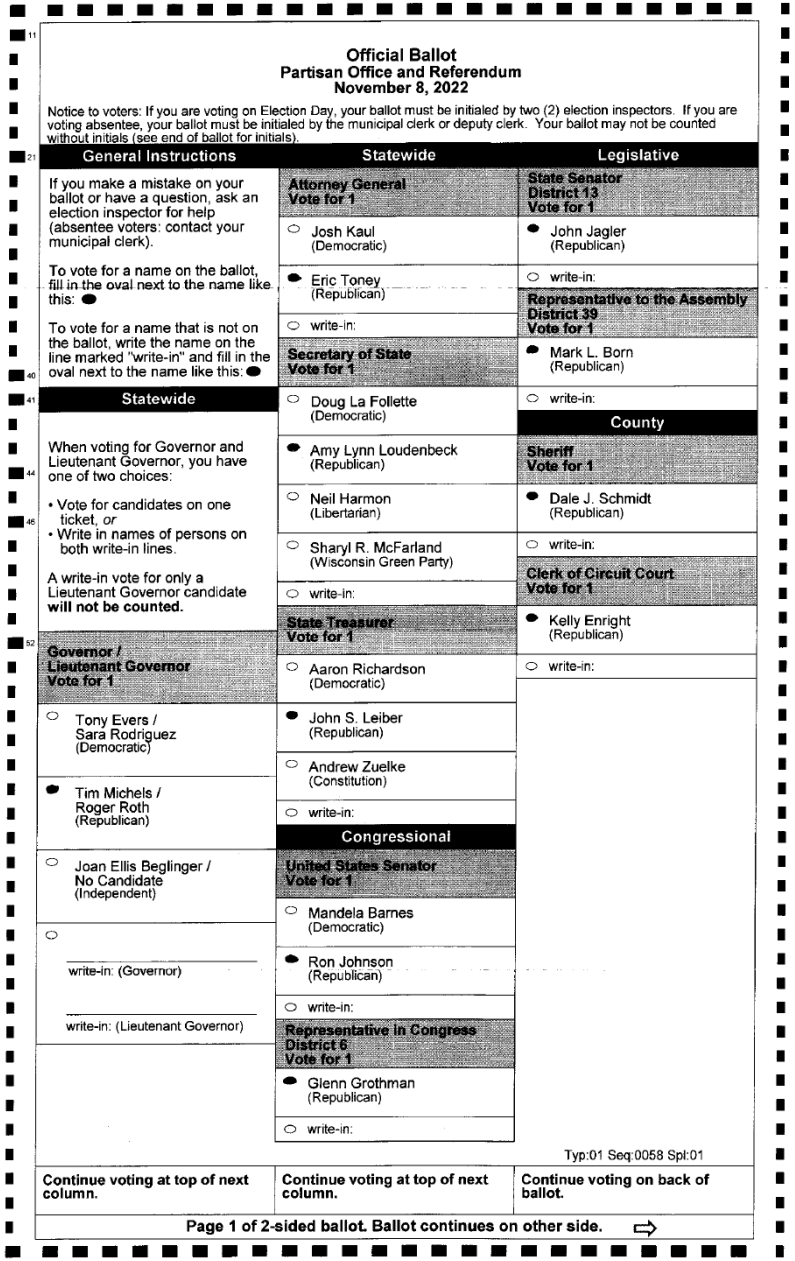
DEM REGISTER OF DEEDS----------
W/I:DD←

QUESTION 1: "DELEGATION OF
APPROPRIATION POWER----------
NO SELECTION MADE

QUESTION 2: ALLOCATION OF FEDERAL
MONEYS.----------
NO SELECTION MADE

ExpressVote Ballot

Standard Ballot



Official Ballot
Partisan Office and Referendum
November 8, 2022

Notice to voters: If you are voting on Election Day, your ballot must be initialed by two (2) election inspectors. If you are voting absentee, your ballot must be initialed by the municipal clerk or deputy clerk. Your ballot may not be counted without initials (see end of ballot for initials).

General Instructions

If you make a mistake on your ballot or have a question, ask an election inspector for help (absentee voters: contact your municipal clerk).

To vote for a name on the ballot, fill in the oval next to the name like this: ●

To vote for a name that is not on the ballot, write the name on the line marked "write-in" and fill in the oval next to the name like this: ●

Statewide

When voting for Governor and Lieutenant Governor, you have one of two choices:

- Vote for candidates on one ticket, *or*
- Write in names of persons on both write-in lines.

A write-in vote for only a Lieutenant Governor candidate **will not be counted.**

Governor / Lieutenant Governor
Vote for 1

○ Tony Evers / Sara Rodriguez (Democratic)

● Tim Michels / Roger Roth (Republican)

○ Joan Ellis Beglinger / No Candidate (Independent)

○ write-in: (Governor) _____

write-in: (Lieutenant Governor) _____

Statewide

Attorney General
Vote for 1

○ Josh Kaul (Democratic)

● Eric Toney (Republican)

○ write-in:

Secretary of State
Vote for 1

○ Doug La Follette (Democratic)

● Amy Lynn Loudenbeck (Republican)

○ Neil Harmon (Libertarian)

○ Sharyl R. McFarland (Wisconsin Green Party)

○ write-in:

State Treasurer
Vote for 1

○ Aaron Richardson (Democratic)

● John S. Leiber (Republican)

○ Andrew Zuelke (Constitution)

○ write-in:

Congressional

United States Senator
Vote for 1

○ Mandela Barnes (Democratic)

● Ron Johnson (Republican)

○ write-in:

Representative in Congress District 6
Vote for 1

● Glenn Grothman (Republican)

○ write-in:

Legislative

State Senator District 13
Vote for 1

● John Jagler (Republican)

○ write-in:

Representative to the Assembly District 39
Vote for 1

● Mark L. Born (Republican)

○ write-in:

County

Sheriff
Vote for 1

● Dale J. Schmidt (Republican)

○ write-in:

Clerk of Circuit Court
Vote for 1

● Kelly Enright (Republican)

○ write-in:

Typ:01 Seq:0058 Spl:01

Continue voting at top of next column.

Continue voting at top of next column.

Continue voting on back of ballot.

Page 1 of 2-sided ballot. Ballot continues on other side. ⇨

What Makes a Good Test Deck

1) Blank ballots tested for each style and precinct
2) Each selection within a contest has a valid vote, not a 0
3) Each selection has a unique number within each contest
4) Overvotes tested for each contest and possible combination
    1) ExpressVote ballots prevent this from happening.
5) Undervotes tested for each contest and possible combination
6) Absentee ballot folds tested to ensure not crossing ovals

Blank Ballots Not Tested - Fail

Detail Results By Precinct

Machine ID: A Machine #: 4519083350 Hamlin County, South Dakota
Precinct-02 State Primary
05/09/2024 11:09:35 06/04/2024

First Ballot Date Time:	05/08/2024 16:07:56	Total Sheets Processed:	41
Last Ballot Date Time:	05/09/2024 11:09:17	Total Ballots Cast:	41
		Blank Sheets Cast:	0

AR4

Party	Ballots Cast
Republican Party	22
Democratic Party	19
NONPARTISAN	0

Ballot Style	Sheets Processed
Seq:00001 Typ:01 Spl:01	22
Seq:00001 Typ:02 Spl:01	19

Contest	Votes

CL1 – A valid vote no 0
CL2 – Overvote each contest
CL3 – Different valid votes
AR1 – A valid vote no 0
AR2 – Overvote each contest
AR3 – Undervote Ballot
AR4 – At least 1 Blank ballot

Blank Ballots Tested - Pass

Detail Results By Precinct

Nordon

Machine ID: A Machine #: 4519083350
Precinct-24
05/09/2024 16:11:10

Hamlin County, South Dakota
State Primary
06/04/2024

First Ballot Date Time:	05/09/2024 13:38:54	Total Sheets Processed:	57
Last Ballot Date Time:	05/09/2024 16:10:53	Total Ballots Cast:	57
		Blank Sheets Cast:	3

Party	Ballots Cast
Republican Party	48
Democratic Party	9
NONPARTISAN	0

Ballot Style	Sheets Processed
Seq:00002 Typ:01 Spl:01	24
Seq:00004 Typ:01 Spl:01	24
Seq:00001 Typ:02 Spl:01	9

Contest	Votes

CL1 – A valid vote no 0
CL2 – Overvote each contest
CL3 – Different valid votes
AR1 – A valid vote no 0
AR2 – Overvote each contest
AR3 – Undervote Ballot
AR4 – At least 1 Blank ballot

Passes the 0 Test, Fails Unique Numbers

REP County Commissioner, Hamlin-3
(Vote For 1)

Riley John Buck	10
Douglas L Noem	10
Over Votes	2
Under Votes	2
Total	**24**

CL3

DEM Presidential Candidate
(Vote For 1)

Marianne Williamson	1
Joseph R Biden Jr	2
Dean Phillips	2
Armando Perez-Serrato	2
Over Votes	2
Under Votes	0
Total	**9**

CL3

Passes the 0 Test, Passes Unique Numbers

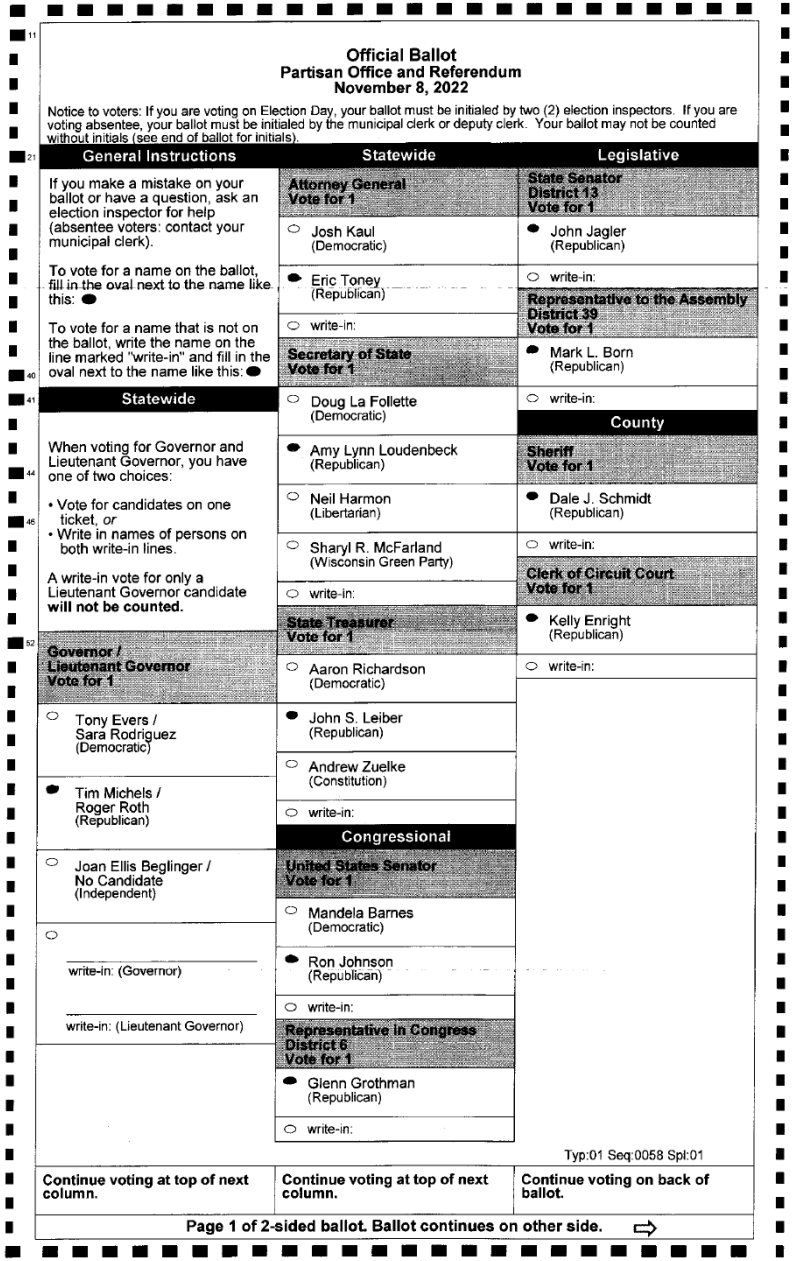
Contest	Votes
REP State Senator, District 04	
(Vote For 1)	
Fred Deutsch	18
Stephanie Sauder	20
Over Votes	5
Under Votes	5
Total	**48**
REP State Representative, District 04	
(Vote For 2)	
Dylan C. Jordan	20
Vanessa Namken	16
Barbara Guenette	18
Kent Roe	19
Over Votes	6
Under Votes	17
Total	**96**
REP County Commissioner, Hamlin 2	

Ballot Styles/Types

Notes:

1) When this ballot style is inserted into the tabulator, it is reading the ovals. These are based on their position (coordinates).
2) Partisan and non-partisan ballots are unique ballots and are different styles from each other. This typically creates 3 ballot styles, Democrat, Republican, and Non-Partisan ballots all having different positioning (coordinates) of the candidates.
3) Each precinct is a separate ballot style, be aware, if there is a split precinct, due to a legislative or school district split, that creates additional ballot styles for that precinct.
4) Each contest option, must be robustly tested to ensure proper translation from the coordinate position of the oval to contest.
5) If using a both preprinted and ballot on demand printer, you must test those as separate styles, since printing output may vary.

Standard Ballot



Official Ballot
Partisan Office and Referendum
November 8, 2022

Notice to voters: If you are voting on Election Day, your ballot must be initialed by two (2) election inspectors. If you are voting absentee, your ballot must be initialed by the municipal clerk or deputy clerk. Your ballot may not be counted without initials (see end of ballot for initials).

General Instructions

If you make a mistake on your ballot or have a question, ask an election inspector for help (absentee voters: contact your municipal clerk).

To vote for a name on the ballot, fill in the oval next to the name like this: ●

To vote for a name that is not on the ballot, write the name on the line marked "write-in" and fill in the oval next to the name like this: ●

Statewide

When voting for Governor and Lieutenant Governor, you have one of two choices:

- Vote for candidates on one ticket, *or*
- Write in names of persons on both write-in lines.

A write-in vote for only a Lieutenant Governor candidate **will not be counted.**

Governor / Lieutenant Governor
Vote for 1

- ○ Tony Evers / Sara Rodriguez (Democratic)
- ● Tim Michels / Roger Roth (Republican)
- ○ Joan Ellis Beglinger / No Candidate (Independent)
- ○ _____ write-in: (Governor) _____ write-in: (Lieutenant Governor)

Statewide

Attorney General
Vote for 1

- ○ Josh Kaul (Democratic)
- ● Eric Toney (Republican)
- ○ write-in:

Secretary of State
Vote for 1

- ○ Doug La Follette (Democratic)
- ● Amy Lynn Loudenbeck (Republican)
- ○ Neil Harmon (Libertarian)
- ○ Sharyl R. McFarland (Wisconsin Green Party)
- ○ write-in:

State Treasurer
Vote for 1

- ○ Aaron Richardson (Democratic)
- ● John S. Leiber (Republican)
- ○ Andrew Zuelke (Constitution)
- ○ write-in:

Congressional

United States Senator
Vote for 1

- ○ Mandela Barnes (Democratic)
- ● Ron Johnson (Republican)
- ○ write-in:

Representative in Congress District 6
Vote for 1

- ● Glenn Grothman (Republican)
- ○ write-in:

Legislative

State Senator District 13
Vote for 1

- ● John Jagler (Republican)
- ○ write-in:

Representative to the Assembly District 39
Vote for 1

- ● Mark L. Born (Republican)
- ○ write-in:

County

Sheriff
Vote for 1

- ● Dale J. Schmidt (Republican)
- ○ write-in:

Clerk of Circuit Court
Vote for 1

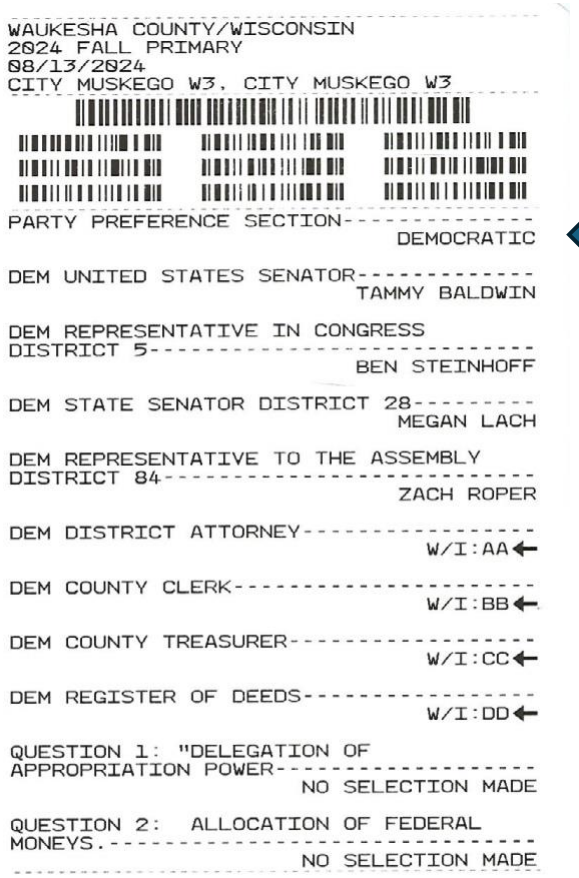
- ● Kelly Enright (Republican)
- ○ write-in:

Typ:01 Seq:0058 Spl:01

Continue voting at top of next column. | **Continue voting at top of next column.** | **Continue voting on back of ballot.**

Page 1 of 2-sided ballot. Ballot continues on other side. ⇨

Ballot Styles/Types


WAUKESHA COUNTY/WISCONSIN
2024 FALL PRIMARY
08/13/2024
CITY MUSKEGO W3, CITY MUSKEGO W3

PARTY PREFERENCE SECTION----------
DEMOCRATIC

DEM UNITED STATES SENATOR----------
TAMMY BALDWIN

DEM REPRESENTATIVE IN CONGRESS
DISTRICT 5----------
BEN STEINHOFF

DEM STATE SENATOR DISTRICT 28---------
MEGAN LACH

DEM REPRESENTATIVE TO THE ASSEMBLY
DISTRICT 84----------
ZACH ROPER

DEM DISTRICT ATTORNEY----------
W/I:AA←

DEM COUNTY CLERK----------
W/I:BB←

DEM COUNTY TREASURER----------
W/I:CC←

DEM REGISTER OF DEEDS----------
W/I:DD←

QUESTION 1: "DELEGATION OF
APPROPRIATION POWER----------
NO SELECTION MADE

QUESTION 2: ALLOCATION OF FEDERAL
MONEYS.----------
NO SELECTION MADE

ExpressVote Ballot

Notes:

1) **When this ballot style is inserted into the tabulator, it is reading the bar codes, not the text.**
2) **Partisan ballots have no effect in creating a different ballot style, since it is not reliant on coordinates, it is reliant only on the bar code.**
3) **Each precinct is a separate ballot style, since the precinct is listed at the top main bar code.**
4) **Each contest option, must be robustly tested to ensure proper translation from bar code to contest.**

Fails Blank Ballots, Passes the 0 Test, Fails Unique Numbers

Detail Results

Machine ID: A Machine #: 4520083549

Horry County, SC
Statewide Primary
06/11/2024

06/07/2024 08:01:38

First Ballot Date Time:	06/07/2024 08:00:09	Total Sheets Processed:	31
Last Ballot Date Time:	06/07/2024 08:01:30	Total Ballots Cast:	31
		Blank Sheets Cast:	0

REP State House of Representatives District 61
(Vote For 1)

Shannon Grady	1
Patrick Herrmann	1
Carla Schuessler	1
Over Votes	0
Under Votes	0
Total	**3**

Fails Blank Ballots, Fails the 0 Test, Fails Unique Numbers

Detail Results

Machine ID: A Machine #: 4520083549

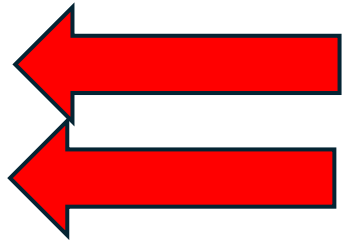
Horry County, SC
Statewide Primary
06/11/2024

06/07/2024 08:01:38

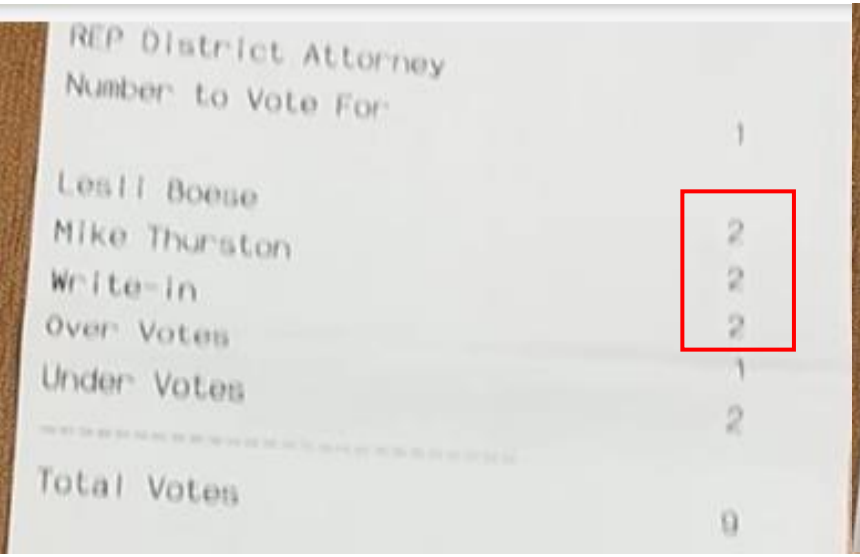
First Ballot Date Time:	06/07/2024 08:00:09	Total Sheets Processed:	31
Last Ballot Date Time:	06/07/2024 08:01:30	Total Ballots Cast:	31
		Blank Sheets Cast:	0

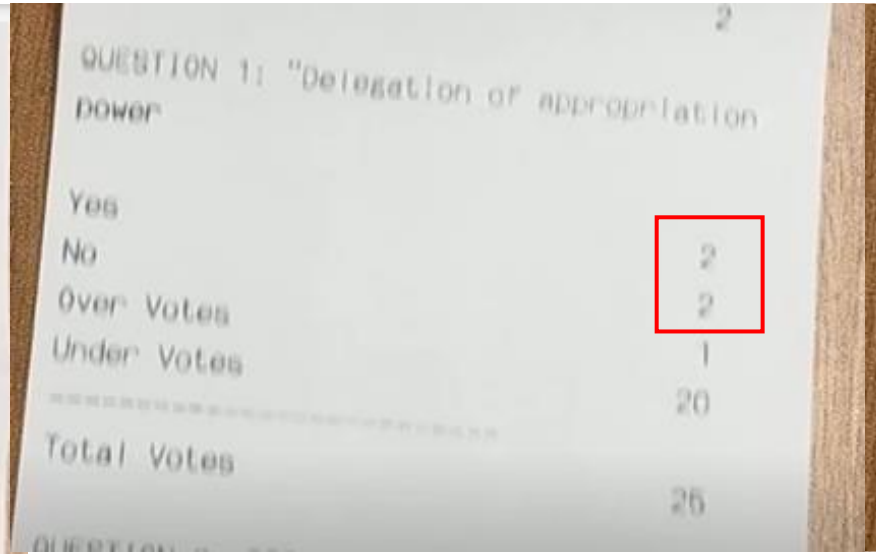
REP Board of Education District 11
(Vote For 1)

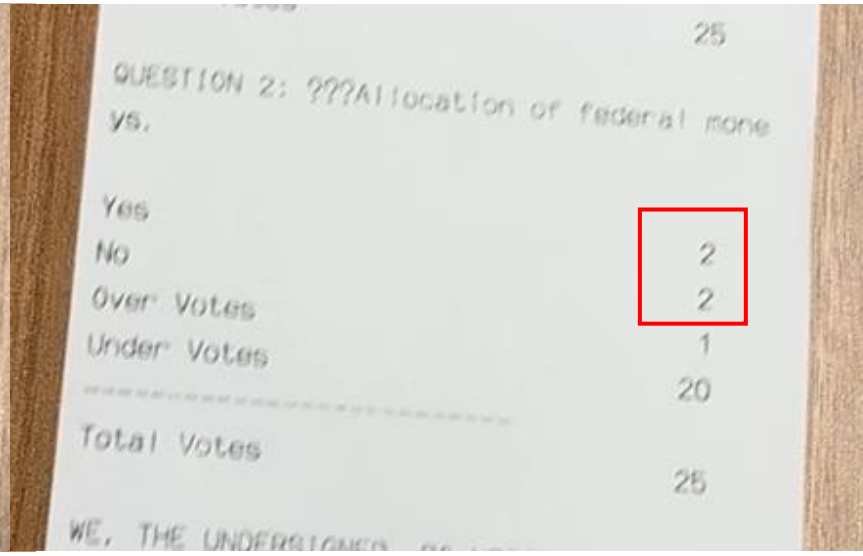
Shanda Allen	1
Jennifer Gaskins	1
Darrell Ricketts	0
Over Votes	0
Under Votes	1
Total	**3**



Passes the 0 Test, Fails Unique Numbers







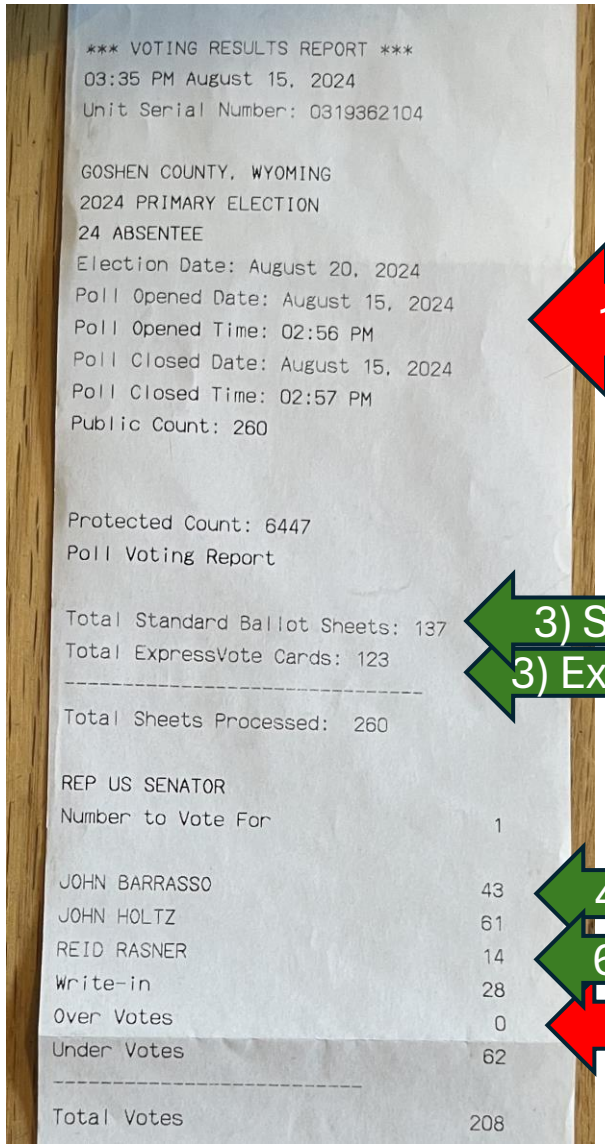
Fails the 0 Test, Fails Unique Numbers, Fails Overvotes

Weston County, Wyoming
PRIMARY ELECTION
August 20, 2024

	REP UNITED STATES SENATOR							
	VOTE FOR 1							
	JOHN BARRASSO	JOHN HOLTZ	REID RASNER	Write-in Totals	Overvotes	Undervotes	Contest Total
1-1 NEWCASTLE OUTSIDE	1	2	4	1	2	1	11
1-2 NEWCASTLE OUTSIDE	1	1	1	1	0	1	5
2-1 OSAGE AREA	1	0	0	1	0	1	3
3-1 UPTON OUTSIDE	1	2	1	1	0	1	6
4-1 UPTON INSIDE	1	1	0	1	0	1	4
5-1 NEWCASTLE INSIDE	1	0	0	1	0	1	3
5-2 NEWCASTLE INSIDE	1	0	0	1	0	1	3
5-3 NEWCASTLE INSIDE	1	0	0	1	0	1	3
Totals	8	6	6	8	2	8	38

State - Primary Election Precinct Summary - 08/13/2024 09:57AM

WY Test Deck Review



*** VOTING RESULTS REPORT ***
03:35 PM August 15, 2024
Unit Serial Number: 0319362104

GOSHEN COUNTY, WYOMING
2024 PRIMARY ELECTION
24 ABSENTEE
Election Date: August 20, 2024
Poll Opened Date: August 15, 2024
Poll Opened Time: 02:56 PM
Poll Closed Date: August 15, 2024
Poll Closed Time: 02:57 PM
Public Count: 260

Protected Count: 6447
Poll Voting Report

Total Standard Ballot Sheets: 137
Total ExpressVote Cards: 123

Total Sheets Processed: 260

REP US SENATOR
Number to Vote For 1

JOHN BARRASSO	43
JOHN HOLTZ	61
REID RASNER	14
Write-in	28
Over Votes	0
Under Votes	62
Total Votes	208

1) Deadline was Aug 6th

3) Standard Ballots Tested

3) ExpressVote Cards Tested

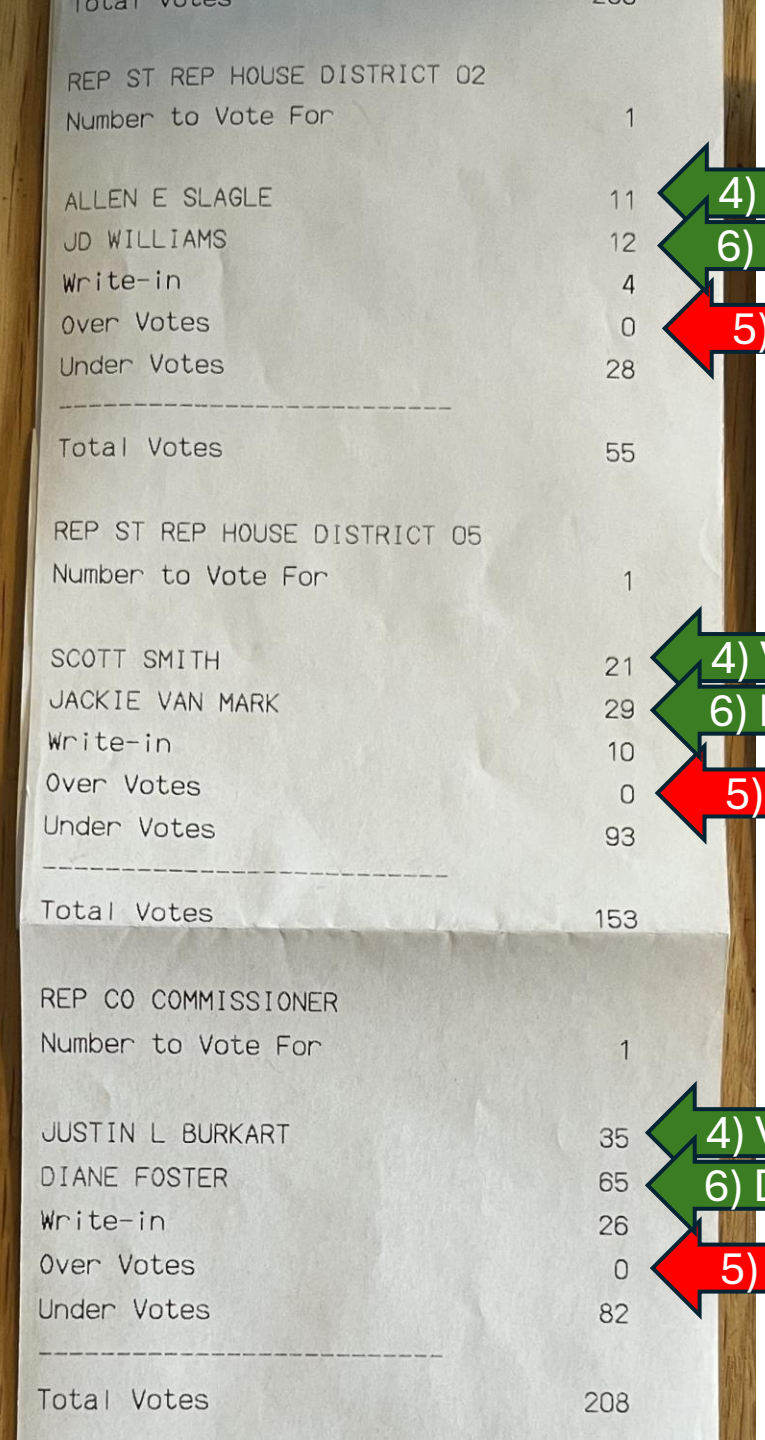
4) Valid Votes

6) Different Numbers

5) Overvotes

1) 14 Days Before Election
2) Accuracy For All Measures
3) At Least 2 Styles Confirmed Tested
4) Valid Votes In Each Race, No 0's
5) Overvotes Tested
6) Different Votes for Each Option
7) Error Status/Certifiable

7) Error(s) Detected Do Not Certify



4) Valid Votes
6) Different Numbers
5) Overvotes

4) Valid Votes
6) Different Numbers
5) Overvotes

4) Valid Votes
6) Different Numbers
5) Overvotes

WY Test Deck Review

1) 14 Days Before Election
2) Accuracy For All Measures
3) At Least 2 Styles Confirmed Tested
4) Valid Votes In Each Race, No 0's
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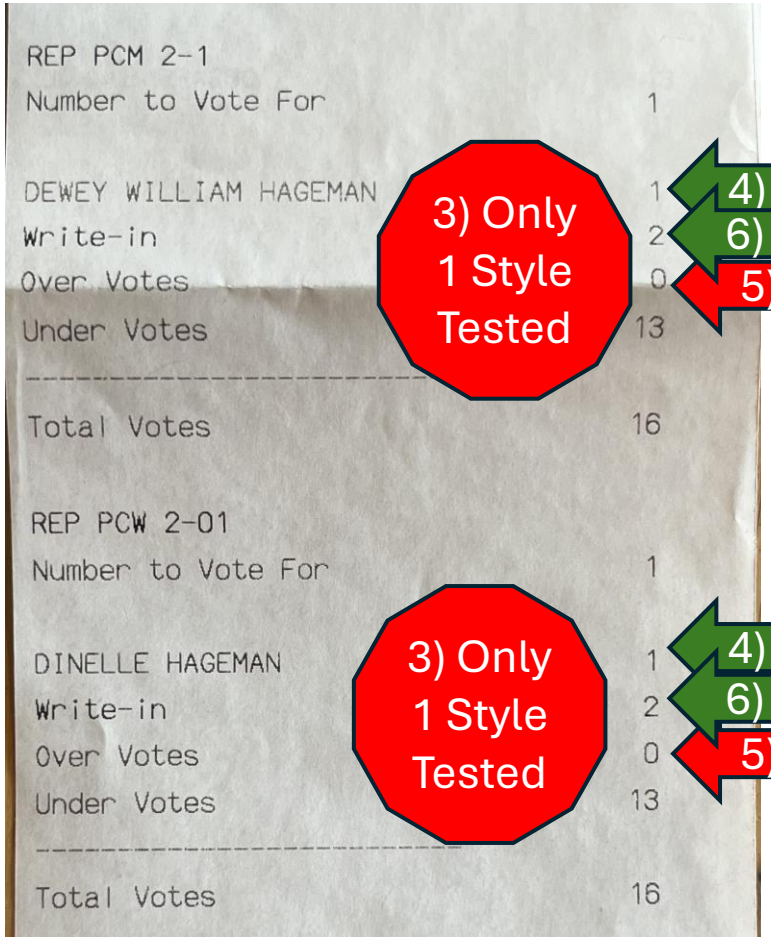
WY Test Deck Review



NOTE: It is clear in both of these races, with one vote cast for one candidate in both of the races, we can safely assume one of the ballot styles was not used in testing for that candidate for each race, a violation of law.

1) 14 Days Before Election
2) Accuracy For All Measures
3) At Least 2 Styles Confirmed Tested
4) Valid Votes In Each Race, No 0's
5) Overvotes Tested
6) Different Votes for Each Option
7) Error Status/Certifiable

7) Error(s) Detected Do Not Certify