

Williamsburg 2018 Statewide Primary Runoff Audit Report

Williamsburg Ballot Audit Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 12:19:56, Thu Jun 28, 2018

Prec Nber	Precinct Name	EL30A							Audit				Comments
		Total	DS850	M650	DS200	M100	iVo	Flash	iVo	Opt	Man	Delta	
0001	Black River	23	0	0	0	0	23	0	23	0	0	0	
0002	Bloomington	21	0	0	0	0	21	0	21	0	0	0	
0003	Cades	10	0	0	0	0	10	0	10	0	0	0	
0004	Cedar Swamp	17	0	0	0	0	17	0	17	0	0	0	
0005	Central	25	0	0	0	0	25	0	25	0	0	0	
0006	Earles	41	0	0	0	0	41	0	41	0	0	0	
0008	Greelyville	23	0	0	0	0	23	0	23	0	0	0	
0009	Harmony	38	0	0	0	0	38	0	38	0	0	0	
0010	Hebron	49	0	0	0	0	49	0	49	0	0	0	
0011	Hemingway	73	0	0	0	0	73	0	73	0	0	0	
0012	Henry-Poplar HL	33	0	0	0	0	33	0	33	0	0	0	
0013	Indiantown	16	0	0	0	0	16	0	16	0	0	0	
0014	Kingstree No. 1	108	0	0	0	0	108	0	108	0	0	0	
0015	Kingstree No. 2	1	0	0	0	0	1	0	1	0	0	0	
0016	Kingstree No. 3	1	0	0	0	0	1	0	1	0	0	0	
0017	Kingstree No. 4	19	0	0	0	0	19	0	19	0	0	0	
0018	Lane	12	0	0	0	0	12	0	12	0	0	0	
0021	Morrisville	0	0	0	0	0	0	0	0	0	0	0	
0022	Mount Vernon	25	0	0	0	0	25	0	25	0	0	0	
0024	Nesmith	4	0	0	0	0	4	0	4	0	0	0	
0026	Pergamos	15	0	0	0	0	15	0	15	0	0	0	
0027	Piney Forest	43	0	0	0	0	43	0	43	0	0	0	
0029	Salters	11	0	0	0	0	11	0	11	0	0	0	
0030	Sandy Bay	32	0	0	0	0	32	0	32	0	0	0	
0031	Singletary	2	0	0	0	0	2	0	2	0	0	0	
0032	Suttons	32	0	0	0	0	32	0	32	0	0	0	
0033	Trio	16	0	0	0	0	16	0	16	0	0	0	
0035	Muddy Creek	60	0	0	0	0	60	0	60	0	0	0	
Precincts Total:		750	0	0	0	0	750	0	750	0	0	0	
0750	Absentee	22	0	0	0	0	22	0	22	0	0	0	
0800	Emergency	0	0	0	0	0	0	0	0	0	0	0	
0850	Failsafe	0	0	0	0	0	0	0	0	0	0	0	
0900	Provisional	0	0	0	0	0	0	0	0	0	0	0	
0950	Failsafe Provisional	0	0	0	0	0	0	0	0	0	0	0	
Virtual Precincts Total:		22	0	0	0	0	22	0	22	0	0	0	
Grand Total:		772	0	0	0	0	772	0	772	0	0	0	

NOTE: Any manual entries shown on this report are supported by the Manual Entry Log (EL68).

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Auditor's Comments:

Total number of iVotronic ballots cast containing no votes: 5
 The following precincts have no ballots cast in them: Morrisville, Emergency, Failsafe, Provisional, Failsafe Provisional
 No optical Ballots Cast records are showing in this election.
 This audit is complete and has no exceptions.

Status of ERM Reports
 EL30A is marked Official
 EL45A is marked Official

EL30A iVo to EL155 to EL152 Cross Check and Cancelled Ballots.

EL30A Ivo Ballots	EL155 Ballots	EL152 Ballots	
772	772	772	
Delta from EL30A	0	0	
	Delta from EL155	0	
	Cast By Voter	769	
	Cast By Poll Wkr	3	
	Blank Cast by PW	0	
	Cancelled Ballots	42	
	Wrong Ballot	3	
	Voter Left AB	0	(AB = After ballot selected by poll worker.)
	Voter Left BB	2	(BB = Before ballot selected by poll worker.)
	Voter Request	5	
	Printer Problem	2	
	Terminal Problem	14	
	Other Reason	16	

Number of ADA audio enabled events in this election: 1

Precinct Number and Name	Machine	Date	Time
0017 Kingstree No. 4	5133474	2018-06-26	08:02:00

Election Date: 2018-06-26

In all but the Absentee Precinct events reported before election day are due to testing. Machines reported with precinct unknown had ADA Audio Enabled Events but no ballots were cast on them.

Note: The following machines(s) have audit records but no ballots were cast on them: 5120701, 5121015, 5123568, 5123840, 5132418, 5132929, 5135790
 Because they do not have ballots cast, they cannot be matched to a precinct. This is not an issue as long as the EL30A Ivo Ballots, the EL155 Ballots and the EL152 Ballots match

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in the table immediately above.

How to read this report.

This is the ballot level report. It compares the number of ballots cast in the tabulation report, the EL30A with the number of ballots cast in the audit data.

The values read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. The total lines are the calculated sums of the individual precinct line values.

The Opt totals are the total number of ballots cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values on the Audit side come from the iVotronic audit data that is read from the flash cards as part of the audit process. That process combines the individual machine data into two master audit files, the EL155 Vote image log and the EL152 iVotronic event log. The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine. Counting the number of asterisks in a precinct we get the number of ballots cast in that precinct. That number should always match the number in the iVo column on the EL30A side of the report.

Optical ballots do not have electronically readable audit files. So if the audit data iVotronic total does not match the EL30A Total value, the auditor is prompted to read the paper report from the optical scanner and enter the total ballots cast into the auditing program.

If the sum of the audit iVotronic and Optical ballots cast still do not match the EL30A total value, then the audit software reads the EL68 Manual Entry log for any changes made in that precinct to either the iVo or Opt totals by the CEC staff. It displays any manual entries to the auditor for inclusion into the totals. If accepted by the auditor these entries are automatically added to the Man column from the Manual Entry log.

Finally, the audit software calculates the Delta value which should be zero unless the sum of the iVo, the Opt and the Man do not match the EL30A Total column. If the Delta is greater than zero then audit data is missing. A comment will be placed on that line in the report indicating missing audit data. If the Delta value is less than zero then there are more ballots in the audit data than there are in the tabulated data and a comment will be placed on that line in the report.

Wherever possible, the audit system will attempt to indicate where the difference is by displaying the iVotronic machine numbers and the number of ballots cast on that machine that exist in the audit data. In the case of missing tabulated data, it might be possible to identify a machine that has the same number

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of ballots cast as the delta value and that number and ballot count will be highlighted with a < sign. If there is a non zero Delta value there will be an entry by the auditor explaining the variance.

Finally, there is a EL30A iVo to EL155 to EL152 Cross Check and Cancelled Ballots table in the report This table should indicate that the nubmer ballots cast in the EL30A match the numbers in the EL155 and the EL152 report. Then there are some statistics pulled from the EL152 repor that indicate how many ballots were cast by the voter and the number cast by the poll worker. Lastly the number of ballots that were cancelled and the reason they were cancelled. It should be noted that the reason cancelled is chosen from a pull down menu presented to the poll worker when a ballot is cancelled, there is no way to validate the poll worker's choice.

Williamsburg Vote Level Audit Report
 Electi on: 2018 Statewi de Primary Runoff
 Audit Date: 12:20:07, Thu Jun 28, 2018

Precinct Number / Name Office	Candi date	Party	EL30A					Audi t		Comments	
			Total	DS850	M650	DS200	M100	i Vo	Fl ash		i Vo Del ta
0001 Black River #####											
REP - Governor	Henry McMaster		19	0	0	0	0	19	0	19	0
REP - Governor	John Warren		4	0	0	0	0	4	0	4	0
REP - Attorney General	Todd Atwater		12	0	0	0	0	12	0	12	0
REP - Attorney General	Al an Wi l son		10	0	0	0	0	10	0	10	0
0002 Bloomi ngval e #####											
REP - Governor	Henry McMaster		21	0	0	0	0	21	0	21	0
REP - Governor	John Warren		0	0	0	0	0	0	0	* No Votes Cast - No Audit Data	
expected.											
REP - Attorney General	Todd Atwater		9	0	0	0	0	9	0	9	0
REP - Attorney General	Al an Wi l son		8	0	0	0	0	8	0	8	0
0003 Cades #####											
REP - Governor	Henry McMaster		9	0	0	0	0	9	0	9	0
REP - Governor	John Warren		1	0	0	0	0	1	0	1	0
REP - Attorney General	Todd Atwater		1	0	0	0	0	1	0	1	0
REP - Attorney General	Al an Wi l son		9	0	0	0	0	9	0	9	0
0004 Cedar Swamp #####											
REP - Governor	Henry McMaster		14	0	0	0	0	14	0	14	0
REP - Governor	John Warren		3	0	0	0	0	3	0	3	0
REP - Attorney General	Todd Atwater		6	0	0	0	0	6	0	6	0
REP - Attorney General	Al an Wi l son		10	0	0	0	0	10	0	10	0
0005 Central #####											

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REP - Governor	Henry McMaster	19	0	0	0	0	19	0	19	0
REP - Governor	John Warren	6	0	0	0	0	6	0	6	0
REP - Attorney General	Todd Atwater	11	0	0	0	0	11	0	11	0
REP - Attorney General	Alan Wilson	14	0	0	0	0	14	0	14	0
0006 Earles #####										
REP - Governor	Henry McMaster	30	0	0	0	0	30	0	30	0
REP - Governor	John Warren	10	0	0	0	0	10	0	10	0
REP - Attorney General	Todd Atwater	11	0	0	0	0	11	0	11	0
REP - Attorney General	Alan Wilson	29	0	0	0	0	29	0	29	0
0008 Greelyville #####										
REP - Governor	Henry McMaster	19	0	0	0	0	19	0	19	0
REP - Governor	John Warren	4	0	0	0	0	4	0	4	0
REP - Attorney General	Todd Atwater	10	0	0	0	0	10	0	10	0
REP - Attorney General	Alan Wilson	13	0	0	0	0	13	0	13	0
0009 Harmony #####										
REP - Governor	Henry McMaster	29	0	0	0	0	29	0	29	0
REP - Governor	John Warren	9	0	0	0	0	9	0	9	0
REP - Attorney General	Todd Atwater	6	0	0	0	0	6	0	6	0
REP - Attorney General	Alan Wilson	31	0	0	0	0	31	0	31	0
0010 Hebron #####										
REP - Governor	Henry McMaster	34	0	0	0	0	34	0	34	0
REP - Governor	John Warren	15	0	0	0	0	15	0	15	0
REP - Attorney General	Todd Atwater	10	0	0	0	0	10	0	10	0
REP - Attorney General	Alan Wilson	37	0	0	0	0	37	0	37	0
0011 Hemingway #####										
REP - Governor	Henry McMaster	61	0	0	0	0	61	0	61	0
REP - Governor	John Warren	10	0	0	0	0	10	0	10	0
REP - Attorney General	Todd Atwater	22	0	0	0	0	22	0	22	0
REP - Attorney General	Alan Wilson	49	0	0	0	0	49	0	49	0
0012 Henry-Poplar HL #####										
REP - Governor	Henry McMaster	27	0	0	0	0	27	0	27	0
REP - Governor	John Warren	6	0	0	0	0	6	0	6	0
REP - Attorney General	Todd Atwater	8	0	0	0	0	8	0	8	0
REP - Attorney General	Alan Wilson	25	0	0	0	0	25	0	25	0
0013 Indiantown #####										
REP - Governor	Henry McMaster	12	0	0	0	0	12	0	12	0
REP - Governor	John Warren	4	0	0	0	0	4	0	4	0
REP - Attorney General	Todd Atwater	6	0	0	0	0	6	0	6	0
REP - Attorney General	Alan Wilson	10	0	0	0	0	10	0	10	0
0014 Kingstree No. 1 #####										

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REP - Governor	Henry McMaster	65	0	0	0	0	65	0	65	0
REP - Governor	John Warren	43	0	0	0	0	43	0	43	0
REP - Attorney General	Todd Atwater	37	0	0	0	0	37	0	37	0
REP - Attorney General	Al an Wi l son	66	0	0	0	0	66	0	66	0
0015 Kingstree No. 2 #####										
REP - Governor	Henry McMaster	1	0	0	0	0	1	0	1	0
REP - Governor	John Warren	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data expected.	
REP - Attorney General	Todd Atwater	1	0	0	0	0	1	0	1	0
REP - Attorney General	Al an Wi l son	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data expected.	
0016 Kingstree No. 3 #####										
REP - Governor	Henry McMaster	1	0	0	0	0	1	0	1	0
REP - Governor	John Warren	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data expected.	
REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data expected.	
REP - Attorney General	Al an Wi l son	1	0	0	0	0	1	0	1	0
0017 Kingstree No. 4 #####										
REP - Governor	Henry McMaster	15	0	0	0	0	15	0	15	0
REP - Governor	John Warren	4	0	0	0	0	4	0	4	0
REP - Attorney General	Todd Atwater	8	0	0	0	0	8	0	8	0
REP - Attorney General	Al an Wi l son	9	0	0	0	0	9	0	9	0
0018 Lane #####										
REP - Governor	Henry McMaster	11	0	0	0	0	11	0	11	0
REP - Governor	John Warren	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data expected.	
REP - Attorney General	Todd Atwater	2	0	0	0	0	2	0	2	0
REP - Attorney General	Al an Wi l son	9	0	0	0	0	9	0	9	0
0021 Morri svi l l e #####										
REP - Governor	Henry McMaster	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data expected.	
REP - Governor	John Warren	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data expected.	
REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data expected.	
REP - Attorney General	Al an Wi l son	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data expected.	
0022 Mount Vernon #####										
REP - Governor	Henry McMaster	16	0	0	0	0	16	0	16	0
REP - Governor	John Warren	9	0	0	0	0	9	0	9	0
REP - Attorney General	Todd Atwater	6	0	0	0	0	6	0	6	0

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REP - Attorney General	Al an Wi l son	17	0	0	0	0	17	0	17	0
0024 Nesmi th #####										
REP - Governor	Henry McMaster	2	0	0	0	0	2	0	2	0
REP - Governor	John Warren	2	0	0	0	0	2	0	2	0
REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data expected.	
REP - Attorney General	Al an Wi l son	3	0	0	0	0	3	0	3	0
0026 Pergamos #####										
REP - Governor	Henry McMaster	14	0	0	0	0	14	0	14	0
REP - Governor	John Warren	1	0	0	0	0	1	0	1	0
REP - Attorney General	Todd Atwater	11	0	0	0	0	11	0	11	0
REP - Attorney General	Al an Wi l son	2	0	0	0	0	2	0	2	0
0027 Pi ney Forest #####										
REP - Governor	Henry McMaster	32	0	0	0	0	32	0	32	0
REP - Governor	John Warren	11	0	0	0	0	11	0	11	0
REP - Attorney General	Todd Atwater	7	0	0	0	0	7	0	7	0
REP - Attorney General	Al an Wi l son	36	0	0	0	0	36	0	36	0
0029 Sal ters #####										
REP - Governor	Henry McMaster	8	0	0	0	0	8	0	8	0
REP - Governor	John Warren	3	0	0	0	0	3	0	3	0
REP - Attorney General	Todd Atwater	1	0	0	0	0	1	0	1	0
REP - Attorney General	Al an Wi l son	9	0	0	0	0	9	0	9	0
0030 Sandy Bay #####										
REP - Governor	Henry McMaster	24	0	0	0	0	24	0	24	0
REP - Governor	John Warren	8	0	0	0	0	8	0	8	0
REP - Attorney General	Todd Atwater	11	0	0	0	0	11	0	11	0
REP - Attorney General	Al an Wi l son	19	0	0	0	0	19	0	19	0
0031 Si ngl etary #####										
REP - Governor	Henry McMaster	2	0	0	0	0	2	0	2	0
REP - Governor	John Warren	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data expected.	
REP - Attorney General	Todd Atwater	1	0	0	0	0	1	0	1	0
REP - Attorney General	Al an Wi l son	1	0	0	0	0	1	0	1	0
0032 Sutt ons #####										
REP - Governor	Henry McMaster	25	0	0	0	0	25	0	25	0
REP - Governor	John Warren	6	0	0	0	0	6	0	6	0
REP - Attorney General	Todd Atwater	11	0	0	0	0	11	0	11	0
REP - Attorney General	Al an Wi l son	20	0	0	0	0	20	0	20	0
0033 Tri o #####										
REP - Governor	Henry McMaster	9	0	0	0	0	9	0	9	0

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REP - Governor	John Warren	7	0	0	0	0	7	0	7	0
REP - Attorney General	Todd Atwater	4	0	0	0	0	4	0	4	0
REP - Attorney General	Al an Wi l son	11	0	0	0	0	11	0	11	0
0035 Muddy Creek #####										
REP - Governor	Henry McMaster	47	0	0	0	0	47	0	47	0
REP - Governor	John Warren	13	0	0	0	0	13	0	13	0
REP - Attorney General	Todd Atwater	24	0	0	0	0	24	0	24	0
REP - Attorney General	Al an Wi l son	35	0	0	0	0	35	0	35	0
0750 Absentee #####										
REP - Governor	Henry McMaster	21	0	0	0	4	17	0	17	0
REP - Governor	John Warren	7	0	0	0	2	5	0	5	0
REP - Attorney General	Todd Atwater	7	0	0	0	2	5	0	5	0
REP - Attorney General	Al an Wi l son	19	0	0	0	3	16	0	16	0
0800 Emergency #####										
REP - Governor expected.	Henry McMaster	0	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data
REP - Governor expected.	John Warren	0	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data
REP - Attorney General expected.	Todd Atwater	0	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data
REP - Attorney General expected.	Al an Wi l son	0	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data
0850 Fai l safe #####										
REP - Governor expected.	Henry McMaster	0	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data
REP - Governor expected.	John Warren	0	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data
REP - Attorney General expected.	Todd Atwater	0	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data
REP - Attorney General expected.	Al an Wi l son	0	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data
0900 Provi si onal #####										
REP - Governor expected.	Henry McMaster	0	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data
REP - Governor expected.	John Warren	0	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data
REP - Attorney General expected.	Todd Atwater	0	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data
REP - Attorney General expected.	Al an Wi l son	0	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data
0950 Fai l safe Provi si onal #####										
REP - Governor	Henry McMaster	0	0	0	0	0	0	0	0	* No Votes Cast - No Audi t Data

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expected. REP - Governor	John Warren	0	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected. REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected. REP - Attorney General	Alan Wilson	0	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data

There was no unmatched audit data

How to read this report.

This is the vote level report. It compares the number of votes cast for each candidate in the tabulation report with the number of ballots cast in the audit data for each candidates in each precinct.

The tabulated values as read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. In the EL30A report all Write-in votes are added together and reported as one candidate name - Write-in. The EL30A does not report individual Write-in candidates.

The Opt totals are the total number of votes cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values on the Audit side come from the iVotronic audit data that is read from the flash cards as part of the audit process. That process combines the individual machine data into a master audit file, the EL155 Vote image log.

The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine counting the number of times a candidate name for a contest appears in a precinct we get the number of votes cast in that precinct for that candidates. That number should always match the number of votes cast for that candidate in that contest in the iVo column on the EL30A side of the report.

Optical ballots do not have electronically readable audit files. So if the audit data iVotronic total votes does not match the EL30A iVo value one of two things will occur. The first is if the iVotronic tabulated is zero and the Total tabulated votes match the tabulated Optical votes the following comment is made in the Audit side of the report; All votes cast for this candidate in this precinct are optical No Audit Data for optical, or secondly, if the iVotronic total is not zero, a notation indicating which data Audit data In the event a candidate or the combined Write-in candidates did not receive any votes in a precinct

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the EL30A will report a zero vote count. If there are no votes for this candidate in a precinct in the audit data, the following comment will be placed into the audit report by the auditing software; No Audit Data expected or found.

Finally the audit software will search the audit data for any votes that were not found on the EL30A report. If it finds some, it will report those vote totals by contest, candidate name and precinct. if it does not find any unmatched audit data it will report; There was no unmatched audit data

Williamsburg EL30A45A Comparison Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 12:20:21, Thu Jun 28, 2018

EL30A				EL45A												
Office	iVo	Flash	Delta	Candidate	Party	Tot	DS850	M650	DS200	M100	iVo	Flash	Tot	DS850	M650	DS200
Governor	4	583	0	Henry McMaster		587	0	0	0	4	583	0	587	0	0	0
Governor	2	184	0	John Warren		186	0	0	0	2	184	0	186	0	0	0
Attorney General	2	241	0	Todd Atwater		243	0	0	0	2	241	0	243	0	0	0
Attorney General	3	499	0	Al an Wilson		502	0	0	0	3	499	0	502	0	0	0

How to read this report.

This is EL30A EL45A Crosscheck Report. It sums each candidates vote totals in each precinct in the EL30A Precinct Detail Report and compares it to the EL45A Election Summary Report that contains the tabulated total for each candidate in the county.

The values read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. The total lines are the calculated sums of the individual precince line values.

The Opt totals are the total number of votes cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

Williamsburg 2018 Statewide Primary Runoff Audit Report

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values read from the EL45A report are reported in same four categories; Total, Optical (Opt), iVotronic (iVo) and Flash as the EL30A. Like the EL30A they are parsed from the actual EL45A report. The summary candidate totals are compared against the calculated sums for each candidate from, the EL30A report. Each of the values in each line on the EL30A side must match the same value on the EL45A side and the Delta value must be zero.

Williamsburg PEB Use Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 12:19:56, Thu Jun 28, 2018

Precinct	PEBs Used	Comments
Black River	134004	
Bloomington	137176	
Cades	144523	
Cedar Swamp	156933	
Central	155255	
Earles	152832	
Greelyville	236547	
Harmony	124108	
Hebron	153411	
Hemingway	117746	
Henry-Poplar HL	236556	
Indiantown	153221	
Kingstree No. 1	125576	
Kingstree No. 2	153091	
Kingstree No. 3	153038	
Kingstree No. 4	149369	
Lane	153281	
Mount Vernon	236554	
Nesmith	217204	
Pergamos	133771	157741 WARNING: 2 PEBs used to open/close machines.
Piney Forest	153075	
Salters	157102	
Sandy Bay	153290	
Singletary	138460	
Suttons	156890	

Williamsburg 2018 Statewide Primary Runoff Audit Report

Trio 157098
 Muddy Creek 153443
 Absentee 236546

28 precincts processed

The following precinct(s) have no ballots cast in them: Morrisville, Emergency, Failsafe, Provisional, Failsafe Provisional
 Note: if there are no ballots cast in a precinct the machines in that precinct cannot be identified so these precinct(s) will not appear in this report.

How to read this report.

This is the PEB Used report. It lists the precincts found in the Audit data and lists all the PEBs that were used by the poll workers to open and close the iVotronic machines in that precinct.

If more than one PEB is used to open and close all the iVotronic machines in a precinct, then the County Election Commission must read ALL the PEBs used in that precinct to assure that they have collected all the ballots from that precinct. A county whose report shows a precinct that has machines open or closed by more than one PEB should double check the Ballot Audit Report against the iVotronic paper tapes and the Poll Book to make sure that all the ballots have been collected and tabulated.

 Williamsburg PEB Exceptions Report
 Election: 2018 Statewide Primary Runoff
 Election date: 2018-06-26
 Audit Date: 12:19:56, Thu Jun 28, 2018

iVo #	Op PEB	Open Time	CI PEB	Close Time	Exception Type	Precinct - Ballots Cast
5105435	153038	2018-06-26 07:22:46	153038	2018-06-26 19:02:13	Open Time	Kingstree No. 3 - 1
5119791	236546	2018-06-19 11:47:21	236546	2018-06-26 19:01:12	>>Open Date<<	Absentee - 22
5119791	236546	2018-06-19 11:47:21	236546	2018-06-26 19:01:12	Open Time	Absentee - 22
5120701	157102	2005-07-26 06:27:35	157102	2005-07-26 20:01:22	>>Open Date<<	>>>No Ballots<<<
5120701	157102	2005-07-26 06:27:35	157102	2005-07-26 20:01:22	>>Close Date<<	>>>No Ballots<<<
5124521	138460	2018-06-26 07:08:02	138460	2018-06-26 19:01:48	Open Time	Singletary - 2
5129828	133771	2018-06-26 07:48:45	157741	2018-06-26 19:11:37	>>>O/C PEBs<<<	Pergamos - 13
5129828	133771	2018-06-26 07:48:45	157741	2018-06-26 19:11:37	Open Time	Pergamos - 13
5132418	153038	2018-06-26 07:50:21	153038	2018-06-26 19:03:29	Open Time	>>>No Ballots<<<
5133661	153281	2018-06-26 06:30:47	153281	2018-06-26 14:54:32	Close Time	Lane - 2
5135790	138460	2018-06-26 07:10:53	138460	2018-06-26 19:05:13	Open Time	>>>No Ballots<<<
5137786	153443	2018-06-26 07:13:15	153443	2018-06-26 19:05:51	Open Time	Muddy Creek - 9

Williamsburg 2018 Statewide Primary Runoff Audit Report

The following machines(s) have audit records but no ballots were cast on them: 5120701, 5121015, 5123568, 5123840, 5132418, 5132929, 5135790
Because they do not have ballots cast, they cannot be matched to a precinct.

How to read this report.

This is the PEB Exceptions Report. It checks for the following conditions in the iVotronic Event Log;

- 1: A machine that was opened and closed by different PEBs
- 2: A Machine that was not opened on Election Date - could be either an absentee or test machine
- 3: A Machine that was not closed on Election Date - could have had problem closing
- 4: A Machine that was not opened by 7 am - note most Absentee machines will show up here
- 5: A Machine that was closed before 7pm - polls close at 7 PM
- 6: A Machine that was not closed ever.
- 7: A machine that has no ballots cast on it.

Each of the events above detected are reported on a separate line, each line contains the following information:
iVotronic machine number, Opening PEB Number, Open Time, Closing PEB Number, Closing Time, the Exception Type and the Precinct and the Ballots Cast on that machine.

Absentee and Failsafe precinct machines are opened during the middle of the day several days before the election date of 2018-06-26. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.