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Subject: What could have been... Sigh...

This is a comparison of my spread sheet of the following Funding Formula's against **Julie Davis'** spread sheet of the same funding formula, and how **Julie Davis** falsified PPA values and cooked the books, adversely affecting her and **Mark Swanger's** continued use of the Funding Formula when they decided to start using it again. A final spread sheet compares differences.

First, a summary of the funding formula's, followed by an analysis of the spread sheets.

Funding Formula Resolutions.

The following is a summary of each funding formula. The portion of the equation that is underlined in the 2006 formula represents a change from the 2003 formula, and the portion of the equation that is underlined in the 2009 formula represents a change from the 2006 formula.

2003 Funding Formula

PPA (Per Pupil Appropriation) increased by 5 year average of percentage increase (x)
NC DPI projected ADM (Average Daily Membership) (+)
ABC Revenues = Total Expense Appropriation from the County

2006 Funding Formula

PPA (Per Pupil Appropriation) increased by 5 year average of percentage increase (x)
Current Fiscal Year's 10 day ADM increased by 1%, Adjusted to Actual Budget Year 10 day ADM when available (+)
ABC Revenues = Total Expense Appropriation from the County

2009 Funding Formula

PPA (Per Pupil Appropriation) increased by 5 year average of percentage increase (x)
NC DPI ADM state planning allotment, using highest projection amount, and adjusted to actual budget year 10 day ADM when information becomes available (+)
ABC Revenues = Total Expense Appropriation from the County

Notes:

NC DPI - Department of Public Instruction
ABC Revenues - Liquor tax contribution

At no time was there ever a change with the PPA calculation, even after **Julie Davis** started falsifying them in 2008.

There are three (3) spread sheets.

- **First spread sheet.** PPA values have been calculated using the Funding Formula equation (unchanged over the three resolutions): PPA (Per Pupil Appropriation) increased by 5 year average of percentage increase. All that is required to compute this value are the five (5) years prior to the implementation of the first Funding Formula in 2003. ADM and ABC values were obtained from Haywood County Schools Financial Department. The ADM values are the values used for each of the three Funding Formula time periods. There are two calculations beginning in 2006, the second calculation being the adjusted to actual budget year using 10 Day ADM values. The last column in this spread sheet is the difference between the approximated first calculation and the final adjusted calculation.
- **Second spread sheet.** This is a duplication/rendition of the only available information from **Julie Davis**. [re: www.haywoodtp.net, UPDATE! Budget Funding Formula Calculation(s) for Haywood School Appropriations, prepared for County Commissioners by Julie Davis, who will explain when she feels like it, 4/29/2014. 5/15/2014..., "jhd 4/16/2014 school formula with 10 day ADM FOR BUDGET 2013-2014.xls"]. This data is from pages 3-6 of this link. At no point to the PPA values match the calculated values shown in my spread sheet. They are all contrived and had been reverse calculated to make things fit. Even the math does not compute properly on her spread sheet - the last column being the difference between what appears on her spread sheets vs. calculated values. PPA values have been inserted into **Julie Davis'** spread sheet for appearance only, as they are not relevant. The PPA values in this column for the years 2009 - 2013 are those that appear in this years calculation sheet, prepared for county commissioners (for the first time?), as appear on the first page of the above link on www.haywoodtp.net.
- **Third spread sheet.** This spread sheet shows how effectively **Julie Davis** cooked the books and hid her handy-work. The second column, designated [MM Calc] is from my spread sheet, using the final calculations for each year. The third column shows **Julie Davis'** only value for each year. The final column is the difference. There are minor differences up to 2008 (God knows why?), and 2008 to current is where she did her damage. When she falsified PPA values starting in 2008 (turned the funding formula off like a light switch), and started to use prior falsified values as what really happened in 2012 (turned the funding formula back on like a light switch), the damage had been done. These values show the amounts that Haywood County Schools were denied access to starting in 2008, culminating in a total of **\$15,411,539**.

PPA - the only thing that changes the value of PPA is the prior 5 year average

| [Yr] | [PPA] | [% Chg] | [5Yr %] | [Factor] | [New PPA] | [ADM] | [10 Day] | [1% ADM] | [ABC Rev] | [1st Calc] | [2nd Calc] | [Diff] |
|-------|-------|---------|---------|----------|-----------|-------|----------|----------|-----------|------------|------------|-----------|
| 97-98 | | | | | | | | | | | | |
| 98-99 | 1043 | | | | | | | | | | | |
| 99-00 | 1076 | 3.16% | | | | | | | | | | |
| 00-01 | 1151 | 6.97% | | | | | | | | | | |
| 01-02 | 1213 | 5.39% | | | | | | | | | | |
| 02-03 | 1293 | 6.60% | | | | 7810 | | | 17,112 | | | |
| 03-04 | 1341 | 3.71% | 5.17% | 1.0517 | 1410 | 7845 | | | 15,828 | 11,079,409 | | |
| 04-05 | 1410 | 5.17% | 5.57% | 1.0557 | 1489 | 7980 | | | 13,648 | 11,894,013 | | |
| 05-06 | 1489 | 5.57% | 5.29% | 1.0529 | 1567 | 7885 | 7897 | | 13,950 | 12,373,304 | | |
| 06-07 | 1567 | 5.29% | 5.26% | 1.0526 | 1650 | 7837 | 7993 | 7976 | 15,494 | 13,175,650 | 13,203,749 | 28,099 |
| 07-08 | 1650 | 5.26% | 5.00% | 1.0500 | 1732 | 7948 | 8021 | 8073 | 17,880 | 14,003,865 | 13,913,899 | (89,966) |
| 08-09 | 1732 | 5.00% | 5.26% | 1.0526 | 1824 | 7994 | 7907 | 8101 | 40,997 | 14,813,669 | 14,459,525 | (354,145) |
| 09-10 | 1824 | 5.26% | 5.27% | 1.0527 | 1920 | 7820 | 7742 | | 26,711 | 15,038,686 | 14,888,950 | (149,736) |
| 10-11 | 1920 | 5.27% | 5.22% | 1.0522 | 2020 | 7750 | 7694 | | 41,890 | 15,695,477 | 15,582,367 | (113,110) |
| 11-12 | 2020 | 5.22% | 5.20% | 1.0520 | 2125 | 7701 | 7677 | | 5,984 | 16,369,744 | 16,318,747 | (50,997) |
| 12-13 | 2125 | 5.20% | 5.19% | 1.0519 | 2235 | 7665 | 7567 | | | 17,132,472 | 16,913,427 | (219,045) |
| 13-14 | 2235 | 5.19% | 5.23% | 1.0523 | 2352 | 7564 | 7584 | | | 17,790,519 | 17,837,559 | 47,040 |
| 14-15 | 2352 | 5.23% | 5.22% | 1.0522 | 2475 | 7536 | | | | 18,650,204 | | |
| 15-16 | 2475 | 5.22% | 5.21% | 1.0521 | 2604 | | | | | | | |
| | 2604 | 5.21% | 5.21% | 1.0521 | 2739 | | | | | | | |

Julie Davis Spread sheet

| [Yr] | [PPA] | [% Chg] | [5Yr %] | [Factor] | [New PPA] | [ADM] | [10 Day] | [1% ADM] | [ABC Rev] | [Calc] | [On sheet] | [Diff] |
|-------|-------|---------|---------|----------|-----------|-------|----------|----------|-----------|------------|------------|---------|
| 02-03 | 1341 | | | | | 7843 | | | | 10,517,463 | 10,518,870 | 1,407 |
| 03-04 | 1410 | | 6.13% | | | 7915 | | | | 11,160,150 | 11,164,088 | 3,938 |
| 04-05 | 1489 | | 5.06% | | | 7877 | | | | 11,728,853 | 11,729,270 | 417 |
| 05-06 | 1568 | | 5.56% | | | 7897 | | | | 12,382,496 | 12,381,006 | (1,490) |
| 06-07 | 1652 | | 6.05% | | | 7948 | | | | 13,130,096 | 13,129,647 | (449) |
| 07-08 | 1735 | | 5.02% | | | 8013 | | | | 13,902,555 | 13,902,083 | (472) |
| 08-09 | 1699 | | -2.09% | | | 7904 | | | | 13,428,896 | 13,426,920 | (1,976) |
| 09-10 | 1860 | | 9.52% | | | 7742 | | | | 14,400,120 | 14,403,307 | 3,187 |
| 10-11 | 1880 | | 1.03% | | | 7663 | | | | 14,406,440 | 14,403,307 | (3,133) |
| 11-12 | 1830 | | -2.66% | | | 7636 | | | | 13,973,880 | 13,971,307 | (2,573) |
| 12-13 | 1869 | | 2.17% | | | 7567 | | | | 14,142,723 | 14,144,926 | 2,203 |
| 13-14 | 1899 | | 1.59% | | | 7584 | | | | 14,402,016 | 14,402,707 | 691 |
| 14-15 | 1943 | | 2.33% | | | 7536 | | | | 14,642,448 | 14,645,044 | 2,596 |
| 15-16 | 1961 | | 0.89% | | | 7564 | | | | 14,833,004 | 14,830,720 | (2,284) |

Difference / correlation between MM and Julie Davis

| | [MM Calc] | [Julie] | [Diff] |
|-------|------------|------------|-----------|
| 03-04 | 11,079,409 | 11,164,088 | (84,679) |
| 04-05 | 11,894,013 | 11,729,270 | 164,743 |
| 05-06 | 12,373,304 | 12,381,006 | (7,702) |
| 06-07 | 13,203,749 | 13,129,647 | 74,102 |
| 07-08 | 13,913,899 | 13,902,083 | 11,816 |
| 08-09 | 14,459,525 | 13,426,920 | 1,032,605 |
| 09-10 | 14,888,950 | 14,403,307 | 485,643 |
| 10-11 | 15,582,367 | 14,403,307 | 1,179,060 |
| 11-12 | 16,318,747 | 13,971,307 | 2,347,440 |
| 12-13 | 16,913,427 | 14,144,926 | 2,768,501 |
| 13-14 | 17,837,559 | 14,402,707 | 3,434,852 |
| 14-15 | 18,650,204 | 14,645,044 | 4,005,160 |
| | | 15,411,539 | |