

PUBLIC WORKS COMMITTEE REPORT to the BOARD OF SUPERVISORS  
Tuesday, June 25, 2019  
8:00 a.m.  
107 NORTH KENT STREET, SUITE 200, WINCHESTER, VIRGINIA

PUBLIC WORKS COMMITTEE ATTENDEES:

Committee Members Present: J. Douglas McCarthy, Chairman; Gary A. Lofton; Gene E. Fisher; and Harvey E. "Ed" Strawsnyder, Jr.

Committee Members Absent: Whitney "Whit" L. Wagner

Staff and others present: Joe C. Wilder, Director of Public Works; Rod Williams, County Attorney; Kris Tierney, County Administrator; Jay Tibbs, Deputy County Administrator, Gloria Puffinburger, Solid Waste Manager; Brandon Wyatt, intern; Ron Kimble, Landfill Manager; Michael Neese, City of Winchester Public Works.

**Attachment 1** – Agenda Packet

ITEM FOR INFORMATION ONLY

1-Update on the replacement of the Albin Convenience Center

Staff gave a brief update about the Albin Convenience Center located at the old transportation facility (SFW). The Frederick County School Board approved the resolution to provide a perpetual easement for the construction of a new citizen convenience center and associated improvements. Also, they approved the resolution and deed of gift for the old Bryarly school site where our current convenience center is located. The deed still listed ownership by the school board and now the county can dispose of the property once our new replacement site is construction and in use.

2-State of Recycling in Frederick County.

Frederick County received notice from our recycling vendor, Southern Scrap that after August 13, 2019, they will no longer receive our recycled goods. The committee met and staff discussed short-term and long-term options and solutions concerning the future of the county's recycling program. We briefed the group about a potential study to be conducted by SCS Engineers which would include the landfill service area of Frederick, Clarke and Winchester. The study will explore the municipal and business sector recycling needs, tonnages and feasibility of constructing a materials recovery facility (MRF) or sorting facility on landfill property. Results of this study have been requested prior to the start of the budget season in October 2019.

A second, regional feasibility study is supported by the members of the Northern Shenandoah Valley Regional Planning District's Solid Waste Technical Committee. The planning district will head up this study which will include representatives from cities, towns and counties in the planning district, all of which are faced with tough decisions regarding the future of their recycling programs. The group will also solicit input and data from private haulers and other stakeholders. The long-term study will be funded from reserve monies included in the Regional Tire Operation Program (RTOP), already a planning district cooperative effort.

**(Attachment 2)**

In the near short term, staff is in negotiations with the county's local recycler to enter into a limited term contract which will maintain the recycling program until the end of the calendar year 2019. The county will be asked to pay processing fees for the first time in recent history. The revenue derived from the sale of materials no longer offsets operational and labor costs. This is a permanent shift across the United States as municipal programs are being required to pay more in order to maintain levels of service in the face of national and international market unrest. Once a proposal is submitted, the committee will meet again and make a recommendation to the board. In the interim, staff has also prepared a Request for Quotes for advertisement. The county's current agreement with its vendor ends on August 13.

The Public Works Committee also discussed the option of suspending the recycling program and landfill all materials, at a cost of about \$65,500 per year which includes the following:

- Lost rebates for recyclables
- Increased tipping fees paid to the landfill for trash
- Increased trash hauling costs which are not completely offset by the cost avoidance of hauling recyclables
- Loss of landfill air space and associated tipping fees at the landfill

Other impacts include logistical issues at the convenience sites, such as reduced operational hours on weekends and holidays at some locations (i.e.; Greenwood, Albin, Gore, Double Toll Gate). When sites reach capacity and the landfill is closed, staff will likely be forced to close early due to a lack of waste diversion.

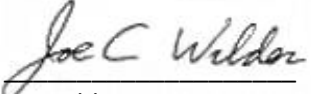
Staffs goal is to provide as many options as possible to allow the Board of Supervisors to make the best decisions for the county. We will continue to work through this very fluid situation and provide regular updates and information to the Board and Administration.

Respectfully submitted,

Public Works Committee

J. Douglas McCarthy, Chairman  
Gary A. Lofton  
Robert W. Wells  
Whitney "Whit" L. Wagner  
Gene E. Fisher  
Harvey E. "Ed" Strawsnyder, Jr.

By

  
Joe C. Wilder

Public Works Director

JCW/kco

Attachments: as stated

cc: Kris Tierney, County Administrator  
Jay Tibbs, Deputy County Administrator  
Ron Kimble, Landfill Manager  
Gloria Puffinburger, Solid Waste Manager  
Rod Williams, County Attorney  
Erin Swisshelm, Assistant County Attorney  
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## MEMORANDUM

**TO:** Public Works Committee

**FROM:** Joe C. Wilder, Director of Public Works *JCW*

**SUBJECT:** Meeting of June 25, 2019

**DATE:** June 20, 2019

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There will be a meeting of the Public Works Committee on Tuesday, June 25, 2019 at 8:00 a.m. **in the conference room located on the second floor of the north end of the County Administration Building at 107 North Kent Street, Suite 200.** The agenda thus far is as follows:

1. Update and discussion regarding the recycling program for Frederick County.
2. Miscellaneous Reports:
  - a. Tonnage Report: Landfill  
**(Attachment 1)**
  - b. Recycling Report  
**(Attachment 2)**
  - c. Animal Shelter Dog Report:  
**(Attachment 3)**
  - d. Animal Shelter Cat Report  
**(Attachment 4)**

JCW/kco

Attachments: as stated



MEMORANDUM

**TO:** Public Works Committee  
**FROM:** Joe C. Wilder, Director of Public Works *JCW*  
**SUBJECT:** Monthly Tonnage Report - Fiscal Year 18/19  
**DATE:** June 20, 2019

The following is the tonnage for the months of July 2017 through June 2018, and the average monthly tonnage for fiscal years 03/04 through 18/19.

**FY 03-04:** AVERAGE PER MONTH: 16,348 TONS (UP 1,164 TONS)  
**FY 04-05:** AVERAGE PER MONTH: 17,029 TONS (UP 681 TONS)  
**FY 05-06:** AVERAGE PER MONTH: 17,785 TONS (UP 756 TONS)  
**FY 06-07:** AVERAGE PER MONTH: 16,705 TONS (DOWN 1,080 TONS)  
**FY 07-08:** AVERAGE PER MONTH: 13,904 TONS (DOWN 2,801 TONS)  
**FY 08-09:** AVERAGE PER MONTH: 13,316 TONS (DOWN 588 TONS)  
**FY 09-10:** AVERAGE PER MONTH: 12,219 TONS (DOWN 1,097 TONS)  
**FY 10-11:** AVERAGE PER MONTH: 12,184 TONS (DOWN 35 TONS)  
**FY 11-12:** AVERAGE PER MONTH: 12,013 TONS (DOWN 171 TONS)  
**FY 12-13:** AVERAGE PER MONTH: 12,065 TONS (UP 52 TONS)  
**FY 13-14:** AVERAGE PER MONTH: 12,468 TONS (UP 403 TONS)  
**FY 14-15:** AVERAGE PER MONTH: 13,133 TONS (UP 665 TONS)  
**FY 15-16:** AVERAGE PER MONTH: 13,984 TONS (UP 851 TONS)  
**FY 16-17:** AVERAGE PER MONTH: 14,507 TONS (UP 523 TONS)  
**FY 17-18:** AVERAGE PER MONTH: 15,745 TONS (UP 1,238 TONS)  
**FY 18-19:** AVERAGE PER MONTH: 16,601 TONS (UP 856 TONS)

MONTH	FY 2017-2018	FY 2018-2019
JULY	15,465	17,704
AUGUST	17,694	18,543
SEPTEMBER	16,813	14,799
OCTOBER	15,853	18,158
NOVEMBER	16,109	15,404
DECEMBER	12,644	14,426
JANUARY	13,295	13,973
FEBRUARY	13,100	12,764
MARCH	15,510	17,079
APRIL	15,469	20,313
MAY	18,755	19,443
JUNE	18,228	

RECYCLING REPORT - FY 18/19

<u>MONTH</u>	<u>GLASS</u>	<u>PLAST</u>	<u>AL</u> <u>CANS</u>	<u>STEEL</u> <u>CANS</u>	<u>PAPER</u>	<u>OCC</u>	<u>SHOES/TEX</u>	<u>ELEC</u>	<u>SCRAP</u>	<u>TOTAL</u>
JUL		40,320	1,945	4,620	78,140	98,621	9,500	68,580	292,300	594,026
AUG		38,580	4,855	7,925	90,020	98,500	9,220	24,680	300,180	573,960
SEP		32,600	3,120	6,560	65,600	88,380	5,380	52,200	211,500	465,340
OCT		37,778	4,140	7,580	99,480	92,960		51,340	255,960	549,238
NOV		49,965	5,432	12,245	82,740	126,335		25,960	246,374	549,051
DEC		35,340	3,710	8,650	71,280	118,920	3,600	28,040	171,800	441,340
JAN		50,800	2,415	7,500	91,800	114,400	8,604	53,180	172,520	501,219
FEB		37,780	5,845	12,244	111,735	124,380	5,020	26,980	117,220	441,204
MAR		26,820	3,300	7,290	75,680	87,320		25,580	228,501	454,491
APR		37,000	3,700	7,229	65,560	92,790	5,200	53,820	315,860	581,159
MAY		27,660	4,110	7,370	85,640	100,360	6,500	32,540	394,680	658,860
JUN										0
<b>TOTAL</b>	<b>0</b>									<b>0</b>
<b>FY 17-18</b>	<b>0</b>	<b>465,080</b>	<b>53,224</b>	<b>94,530</b>	<b>1,043,120</b>	<b>1,080,087</b>	<b>37,260</b>	<b>536,420</b>	<b>2,874,709</b>	<b>6,184,430</b>
<b>FY 16-17</b>	<b>372,600</b>	<b>430,435</b>	<b>41,002</b>	<b>89,976</b>	<b>1,082,737</b>	<b>1,009,153</b>	<b>37,220</b>	<b>495,500</b>	<b>2,687,241</b>	<b>6,245,864</b>
<b>FY 15-16</b>	<b>919,540</b>	<b>428,300</b>	<b>52,077</b>	<b>97,252</b>	<b>1,275,060</b>	<b>974,493</b>	<b>48,820</b>	<b>480,400</b>	<b>2,376,344</b>	<b>6,652,286</b>
<b>FY 14-15</b>	<b>895,600</b>	<b>407,703</b>	<b>40,060</b>	<b>97,515</b>	<b>1,272,660</b>	<b>893,380</b>	<b>49,440</b>	<b>532,283</b>	<b>1,890,729</b>	<b>6,079,370</b>
<b>FY 13-14</b>	<b>904,780</b>	<b>417,090</b>	<b>39,399</b>	<b>99,177</b>	<b>1,281,105</b>	<b>902,701</b>	<b>37,800</b>	<b>611,580</b>	<b>1,639,225</b>	<b>5,932,937</b>
<b>FY 12-13</b>	<b>913,530</b>	<b>410,338</b>	<b>45,086</b>	<b>102,875</b>	<b>1,508,029</b>	<b>878,450</b>	<b>39,700</b>	<b>502,680</b>	<b>1,321,938</b>	<b>5,722,626</b>
<b>FY 11-12</b>	<b>865,380</b>	<b>398,320</b>	<b>43,884</b>	<b>99,846</b>	<b>1,492,826</b>	<b>840,717</b>	<b>37,920</b>	<b>484,600</b>	<b>1,432,678</b>	<b>5,696,171</b>
<b>FY 10-11</b>	<b>949,185</b>	<b>378,452</b>	<b>42,120</b>	<b>98,474</b>	<b>1,404,806</b>	<b>824,873</b>	<b>41,700</b>	<b>467,920</b>	<b>1,220,107</b>	<b>5,427,637</b>
<b>FY 09-10</b>	<b>1,123,671</b>	<b>370,386</b>	<b>42,844</b>	<b>96,666</b>	<b>1,235,624</b>	<b>671,669</b>	<b>21,160</b>	<b>435,680</b>	<b>1,348,398</b>	<b>5,346,098</b>
<b>FY 08-09</b>	<b>762,810</b>	<b>322,928</b>	<b>23,473</b>	<b>55,246</b>	<b>1,708,302</b>	<b>564,957</b>	<b>28,780</b>	<b>404,760</b>	<b>1,097,151</b>	<b>4,968,407</b>
<b>FY 07-08</b>	<b>794,932</b>	<b>284,220</b>	<b>15,783</b>	<b>40,544</b>	<b>1,971,883</b>	<b>545,692</b>	<b>0</b>	<b>498,110</b>	<b>1,172,880</b>	<b>5,324,044</b>
<b>FY 06-07</b>	<b>600,464</b>	<b>200,720</b>	<b>11,834</b>	<b>29,285</b>	<b>1,684,711</b>	<b>441,321</b>	<b>0</b>	<b>382,574</b>	<b>550,070</b>	<b>3,900,979</b>
<b>FY 05-06</b>	<b>558,367</b>	<b>190,611</b>	<b>12,478</b>	<b>28,526</b>	<b>1,523,162</b>			<b>381,469</b>	<b>204,220</b>	<b>2,898,833</b>
<b>FY 04-05</b>	<b>549,527</b>	<b>193,224</b>	<b>11,415</b>	<b>27,525</b>	<b>1,552,111</b>			<b>273,707</b>	<b>25,080</b>	<b>2,632,589</b>
<b>FY 03-04</b>	<b>541,896</b>	<b>174,256</b>	<b>11,437</b>	<b>31,112</b>	<b>1,443,461</b>			<b>156,870</b>	<b>336,230</b>	<b>2,695,262</b>
<b>FY 02-03</b>	<b>413,627</b>	<b>146,770</b>	<b>9,840</b>	<b>23,148</b>	<b>1,381,195</b>			<b>62,840</b>	<b>171,680</b>	<b>2,209,100</b>
<b>FY 01-02</b>	<b>450,280</b>	<b>181,040</b>	<b>10,565</b>	<b>25,553</b>	<b>1,401,206</b>			<b>54,061</b>	<b>58,140</b>	<b>2,180,845</b>
<b>FY 00-01</b>	<b>436,615</b>	<b>198,519</b>	<b>10,367</b>	<b>24,988</b>	<b>1,759,731</b>				<b>9,620</b>	<b>2,439,840</b>
<b>FY 99-00</b>	<b>422,447</b>	<b>177,260</b>	<b>10,177</b>	<b>22,847</b>	<b>1,686,587</b>				<b>44,180</b>	<b>2,363,498</b>
<b>FY 98-99</b>	<b>402,192</b>	<b>184,405</b>	<b>9,564</b>	<b>22,905</b>	<b>1,411,950</b>				<b>48,810</b>	<b>2,079,826</b>
<b>FY 97-98</b>	<b>485,294</b>	<b>136,110</b>	<b>13,307</b>	<b>29,775</b>	<b>1,830,000</b>					<b>2,494,486</b>
<b>FY 96-97</b>	<b>373,106</b>	<b>211,105</b>	<b>23,584</b>	<b>46,625</b>	<b>1,690,000</b>					<b>2,344,420</b>
<b>FY 95-96</b>	<b>511,978</b>	<b>167,486</b>	<b>28,441</b>	<b>44,995</b>	<b>1,553,060</b>					<b>2,305,960</b>
<b>TO DATE</b>	<b>14,247,821</b>	<b>6,009,678</b>	<b>548,737</b>	<b>1,234,855</b>	<b>33,150,206</b>	<b>8,547,406</b>	<b>342,540</b>	<b>6,225,034</b>	<b>17,634,721</b>	<b>87,941,078</b>

FREDERICK COUNTY ESTHER BOYD ANIMAL SHELTER FY 2018-2019

DOG REPORT

MONTH	ON HAND AT FIRST OF MONTH	RECEIVED AT KENNEL	BROUGHT IN BY ACO	BITE CASES	BORN AT KENNEL	ADOPTED	RECLAIMED	DISPOSED	DIED AT KENNEL	ESCAPED/ STOLEN	CARRIED OVER NEXT MONTH
JULY	36	29	36	1	0	29	35	1	0	0	37
AUG	37	41	36	2	0	29	36	2	1	0	48
SEP	48	33	41	2	0	29	38	4	0	0	53
OCT	53	28	24	2	0	37	19	4	0	0	47
NOV	47	28	22	4	0	39	21	1	0	0	40
DEC	40	32	11	0	0	37	8	2	0	0	36
JAN	36	29	24	2	0	32	22	5	0	0	32
FEB	32	19	32	0	0	23	22	2	0	0	36
MAR	36	23	31	1	0	35	22	3	0	0	31
APR	31	25	31	0	0	21	27	0	1	0	38
MAY	38	53	49	3	14	27	49	1	0	0	80
JUN											
TOTAL	434	340	337	17	14	338	299	25	2	0	478

In the month of May - 157 dogs in and out of kennel. 2 dogs transferred to other agencies.

FREDERICK COUNTY ESTHER BOYD ANIMAL SHELTER FY 2018-2019

CAT REPORT

MONTH	ON HAND AT FIRST OF MONTH	RECEIVED AT KENNEL	BROUGHT IN BY ACO	BITE CASES	BORN AT KENNEL	ADOPTED	RECLAIMED	DISPOSED	DIED AT KENNEL	ESCAPED/ STOLEN	CARRIED TO NEXT MONTH
JULY	122	129	14	4	7	49	2	102	3	0	120
AUG	120	122	21	3	3	116	6	65	1	0	81
SEP	81	95	9	2	0	52	2	41	2	0	90
OCT	90	119	15	2	3	62	1	48	4	0	114
NOV	114	85	14	1	6	64	1	60	2	0	93
DEC	93	46	4	1	0	40	1	20	0	0	83
JAN	83	71	6	1	0	69	2	33	0	0	57
FEB	57	46	3	1	0	37	0	17	0	0	53
MAR	53	66	2	2	6	52	3	24	1	0	49
APR	49	61	2	1	17	63	3	15	0	0	49
MAY	49	131	11	6	7	64	5	60	1	0	74
JUN											
TOTAL	911	971	101	24	49	668	26	485	14	0	863

In the month of May - 204 cats in and out of shelter. 38 cats transferred to other agencies.

