



MEMORANDUM

**TO:** Public Works Committee  
**FROM:** Joe C. Wilder, Director of Public Works *JCW*  
**SUBJECT:** Meeting of July 31, 2018  
**DATE:** July 26, 2018

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There will be a meeting of the Public Works Committee on Tuesday, July 31, 2018 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 on the new Stephenson Citizen Convenience Site. (Replacement for the Clearbrook site.)
2. Discuss/ update on County recycling program and contract
3. Discuss/update on issues related to ongoing regional rainfall event affecting several Public Works Departments and the County
4. Discuss request by Wilde Acres/ Mountain Falls Park to become a Sanitary District
5. Discuss proposed FY 2017/2018 Carry Forward Requests (**Attachment 1**)  
(Solid Waste budget, Animal Shelter budget, Landfill budget)
6. Acquisition/Disposition of Real Estate – The meeting will convene to a closed session in accordance with the Code of Virginia §2.2-3711 Subsection A, (3), Acquisition and Disposition of Real Estate.
7. Miscellaneous Reports:
  - a. Tonnage Report: Landfill  
(**Attachment 2**)
  - b. Recycling Report  
(**Attachment 3**)
  - c. Animal Shelter Dog Report:  
(**Attachment 4**)
  - d. Animal Shelter Cat Report  
(**Attachment 5**)

JCW/kco

Attachments: as stated



ATTACHMENT 1

**MEMORANDUM**

**TO:** Public Works Committee

**FROM:** Gloria M. Puffinburger <sup>-GMP</sup>  
Solid Waste Manager

**THROUGH:** Joe C. Wilder  
Director of Public Works

**RE:** Carry forward Requests from FY 17/18 to FY 18/19

**DATE:** July 25, 2018

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We are requesting that the following funds be carried forward from the FY 17/18 Solid Waste budget and into the FY 18/19 budget. The total amount of the request is \$145,500 and is itemized as follows:

- **Line item 10-4203-3004-01 (*Repair and Maintenance/Equipment*)** -- \$19,500 for rehabilitation work for the old compactor unit being removed from Clear Brook which will be used at a future site.
- **Line item 10-4203-3004-03 (*Repair and Maintenance/Building*)** -- \$45,000 for site improvements at the Middletown convenience sites. Planned work was delayed during the current fiscal year due to a lack of contractors interested in performing the work and weather conditions. The work is still needed.
- **Line item 10-4203-3010-00 (*Contractual Services*)** -- \$75,000 for anticipated increased collection costs of refuse collection and recycling program
- **Line item 10-4203-9003-00 (*Lease/Rent of Land*)** -- \$6,000 Payment of Greenwood lease.

If this request is approved by the Public Works Committee, we will forward this request to the Finance Committee for further consideration.

CC: file

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**FREDERICK COUNTY - ANIMAL SHELTER**

Kathy M. Whetzel  
Shelter Manager  
540/667-9192 ext. 2502  
FAX 540/722-6108  
E-mail: kwhetzel@fcva.us

**MEMORANDUM**

TO: Joe Wilder, Director of Public Works

FROM: Kathy M. Whetzel, Shelter Manager

SUBJECT: FY 17/18 Carry Forwards

DATE: 7/13/18

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The Shelter is requesting a funding carry forward from FY 17/18 into line item 10-4305-3001-00 Professional Health Services in the amount of \$6,521.00. This amount is the unused portion of spay/neuter funding. The funds were appropriated from the Fleming donation for spaying and neutering shelter pets.

The shelter is requesting a funding carry forward from FY 17/18 into line item 10-4305-3002-02 Professional Services Engineering and Design in the amount of \$6,727.00. This amount is the unused portion of the new building design funds. The funds were appropriated from the Loy donation for the design of the new shelter building.

Please contact me if you have any questions.

KMW:hag



MEMORANDUM

TO: **Public Works Committee**

FROM: **Ron Kimble, Landfill Manager** *RK*

THROUGH: **Joe C. Wilder, Director of Public Works**

SUBJECT: **Carry Forwards to 2018/2019**

DATE: **July 23, 2018**

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We are requesting that the following funds be carried over from the 2017/2018 landfill budget into the new 2018/2019 budget. The total amount of this request is \$ 3,706,000 and is itemized as follows:

**12-4204-3004-04 Repair and Maintenance- Generators**

We are requesting to carry forward funds remaining in this line item to cover costs associated with the 60,000 hour genset replacement. This maintenance includes replacing the engines and upgrading the control systems. We would like to carry forward \$80,000 from the FY 2017/2018 to assist with this project.

**12-4204-5408-03 Generator Spare Parts- Gas to Energy**

The landfill gas to energy plant has been operational since 2010, and the gas treatment skid has accumulated over 60,000 hours of operation. We are beginning to experience increased breakdowns of blowers and gas chilling equipment. We would like to request to move \$90,000 from the FY 2017/2018 budget into the 2018/2019 budget to fund chiller or blower replacement as needed.

**12-4204-8006-00 Construction Vehicles and Equipment**

Landfill staff have determined the need to have a backup trash compactor on site. Currently the landfill owns two Caterpillar 826k compactors. During times when either of those compactors are down the current practice is to maintain a compactor at the MSW landfill and either close down the CDD landfill or use a loader to pile the CDD waste up until both compactors are back in service. Current trends of increased downtime due to electrical and electronics on the equipment along with the continued uptake in waste flow make it difficult to

continue the current practice and maintain adequate compaction of all waste. We are working with vendors to identify a suitable used machine and anticipate making a purchase when one becomes available.

We are requesting that \$206,000 of the remaining funds from this line item in the 2017/2018 budget be moved into the 2018/2019 budget.

**12-4204-8900-00      Improvements Other Than**

We are requesting to carry forward \$3,330,000 into the 2018/2019 budget for this line item. These funds were allocated for the construction of an additional leachate collection pond and the blasting of MSW cell 3A. These projects are currently moving forward but contracts for the work were not issued before the end of FY 18. It is anticipated that contracts will be completed and the associated work for these projects will begin within the next two months.



**(ATTACHMENT 2)  
MEMORANDUM**

**TO:** Public Works Committee  
**FROM:** Joe C. Wilder, Director of Public Works  
**SUBJECT:** Monthly Tonnage Report - Fiscal Year 16/17  
**DATE:** July 26, 2018

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 17/18.

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

<b>MONTH</b>	<b>FY 2016-2017</b>	<b>FY 2017-2018</b>
<b>JULY</b>	13,391	15,465
<b>AUGUST</b>	15,724	17,694
<b>SEPTEMBER</b>	14,649	16,813
<b>OCTOBER</b>	14,160	15,853
<b>NOVEMBER</b>	13,834	16,109
<b>DECEMBER</b>	16,821	12,644
<b>JANUARY</b>	12,520	13,295
<b>FEBRUARY</b>	12,542	13,100
<b>MARCH</b>	13,216	15,510
<b>APRIL</b>	14,252	15,469
<b>MAY</b>	16,105	18,755
<b>JUNE</b>	16,873	18,228

RECYCLING REPORT - FY 17/18

ATTACHMENT 3

<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		34,060	3,410	7,330	76,060	89,540	6,560	85,340	289,600	591,900
AUG		37,820	4,370	7,770	100,380	95,140		40,420	269,640	555,540
SEP		35,820	2,205	4,175	69,480	83,597	4,860	37,520	333,060	570,717
OCT		33,620	3,760	8,870	78,340	82,240		39,960	242,741	489,531
NOV		36,120	3,705	9,315	82,840	77,620	7,800	38,980	232,809	489,189
DEC		35,860	2,710	6,750	81,060	104,000		38,460	181,040	449,880
JAN		51,520	3,545	8,515	100,820	97,550		43,760	155,156	460,866
FEB		51,700	6,279	10,650	101,400	70,960	6,160	20,980	151,960	420,089
MAR		34,360	2,190	5,190	86,280	89,364	2,940	41,260	189,840	451,424
APR		36,660	11,840	8,155	95,680	95,696		63,680	262,160	573,871
MAY		40,900	3,510	6,490	76,920	94,590	8,940	42,420	275,625	549,395
JUN		36,640	5,700	11,320	93,860	64,110		43,640	291,078	546,348
<b>TOTAL</b>	0	465,080	53,224	94,530	1,043,120	1,044,407	37,260	536,420	2,874,709	6,148,750
<b>FY 16-17</b>	372,600	430,435	41,002	89,976	1,082,737	1,009,153	37,220	495,500	2,687,241	6,245,864
<b>FY 15-16</b>	919,540	428,300	52,077	97,252	1,275,060	974,493	48,820	480,400	2,376,344	6,652,286
<b>FY 14-15</b>	895,600	407,703	40,060	97,515	1,272,660	893,380	49,440	532,283	1,890,729	6,079,370
<b>FY 13-14</b>	904,780	417,090	39,399	99,177	1,281,105	902,701	37,800	611,580	1,639,225	5,932,937
<b>FY 12-13</b>	913,530	410,338	45,086	102,875	1,508,029	878,450	39,700	502,680	1,321,938	5,722,626
<b>FY 11-12</b>	865,380	398,320	43,884	99,846	1,492,826	840,717	37,920	484,600	1,432,678	5,696,171
<b>FY 10-11</b>	949,185	378,452	42,120	98,474	1,404,806	824,873	41,700	467,920	1,220,107	5,427,637
<b>FY 09-10</b>	1,123,671	370,386	42,844	96,666	1,235,624	671,669	21,160	435,680	1,348,398	5,346,098
<b>FY 08-09</b>	762,810	322,928	23,473	55,246	1,708,302	564,957	28,780	404,760	1,097,151	4,968,407
<b>FY 07-08</b>	794,932	284,220	15,783	40,544	1,971,883	545,692	0	498,110	1,172,880	5,324,044
<b>FY 06-07</b>	600,464	200,720	11,834	29,285	1,684,711	441,321	0	382,574	550,070	3,900,979
<b>FY 05-06</b>	558,367	190,611	12,478	28,526	1,523,162			381,469	204,220	2,898,833
<b>FY 04-05</b>	549,527	193,224	11,415	27,525	1,552,111			273,707	25,080	2,632,589
<b>FY 03-04</b>	541,896	174,256	11,437	31,112	1,443,461			156,870	336,230	2,695,262
<b>FY 02-03</b>	413,627	146,770	9,840	23,148	1,381,195			62,840	171,680	2,209,100
<b>FY 01-02</b>	450,280	181,040	10,565	25,553	1,401,206			54,061	58,140	2,180,845
<b>FY 00-01</b>	436,615	198,519	10,367	24,988	1,759,731				9,620	2,439,840
<b>FY 99-00</b>	422,447	177,260	10,177	22,847	1,686,587				44,180	2,363,498
<b>FY 98-99</b>	402,192	184,405	9,564	22,905	1,411,950				48,810	2,079,826
<b>FY 97-98</b>	485,294	136,110	13,307	29,775	1,830,000					2,494,486
<b>FY 96-97</b>	373,106	211,105	23,584	46,625	1,690,000					2,344,420
<b>FY 95-96</b>	511,978	167,486	28,441	44,995	1,553,060					2,305,960
<b>TO DATE</b>	14,247,821	6,009,678	548,737	1,234,855	33,150,206	8,547,406	342,540	6,225,034	17,634,721	87,941,078

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	50	28	47	4	0	38	39	8	0	0	44
AUG	44	25	51	2	0	43	44	7	0	0	28
SEP	28	21	38	1	0	24	32	3	1	0	28
OCT	28	36	43	2	0	39	30	3	0	0	37
NOV	37	35	33	1	0	28	28	2	0	0	48
DEC	48	24	24	3	0	44	26	1	0	0	28
JAN	28	26	32	1	0	26	27	1	0	0	33
FEB	33	30	27	0	0	27	28	0	0	0	35
MAR	35	28	30	3	0	42	28	1	0	0	25
APR	25	31	27	1	0	28	25	3	0	0	28
MAY	28	48	41	1	0	31	42	3	0	0	42
JUN	42	26	40	1	0	45	25	3	0	0	36
TOTAL	426	358	433	20	0	415	374	35	1	0	412

In the month of July - 109 dogs in and out of kennel. 2 dogs transferred to rescue. 1 dog to Shenandoah County Animal Shelter.



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	101	135	23	2	6	28	2	143	0	0	94
AUG	94	183	24	2	8	43	1	150	2	0	115
SEP	115	171	28	1	0	24	4	152	2	1	132
OCT	132	153	14	1	0	26	3	167	2	0	102
NOV	102	102	14	0	0	28	6	75	1	0	108
DEC	108	69	7	0	0	53	7	61	0	0	63
JAN	63	46	30	1	0	39	1	43	1	0	56
FEB	56	68	11	0	0	28	0	38	0	0	69
MAR	69	51	7	0	11	45	3	42	1	0	47
APR	47	74	9	2	0	56	3	23	0	0	50
MAY	50	114	29	3	0	70	8	40	1	0	77
JUN	77	127	9	3	4	40	5	52	1	0	122
TOTAL	1014	1293	205	15	29	480	43	986	11	1	1035

In the month of July - 220 cats in and out of shelter.