



Montgomery County, Maryland

1st QUARTERLY REPORT for FY-18

JULY, AUGUST, AND SEPTEMBER 2017



DEP staff and Recycling Volunteers participated in the 2017 Montgomery County Agricultural Fair providing information and answering questions about waste reduction, reuse, recycling, buying recycled and composting.

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OVERVIEW

Tonnage at a Glance

The following table shows key material flows during the months of July, August, and September including the fiscal year to date (FY YTD), and the same calendar month in the two prior fiscal years (County Fiscal Year 2018 began July 1, 2017).

FACILITY	July FY18	FY18 YTD	July FY17	July FY16
Recycling Center ⁽¹⁾	5,341 tons	5,341 tons	5,741 tons	6,314 tons
Non Processibles to Greencastle, PA ⁽⁶⁾	1,124 tons	1,124 tons	0 ton	0 ton
Resource Recovery Facility ⁽²⁾	57,493 tons	57,493 tons	50,217 tons	50,245 tons
Yard Trim Compost Facility	2,585 tons	2,584 tons	3,283 tons	4,182 tons
Honeygo Run Reclamation ⁽³⁾	0 ton	0 ton	1,405 tons	470 tons
Other Rubble and Soil Recycling ⁽⁴⁾	4,212 tons	4,212 tons	2,767 tons	8,460 tons
Ash Recycling (Old Dominion LF) ⁽⁵⁾	17,060 tons	17,060 tons	15,612 tons	14,808 tons
MSW Bypass to Landfills	3,929 tons	3,929 tons	3,988 tons	0 ton

FACILITY	August FY18	FY18 YTD	August FY17	August FY16
Recycling Center ⁽¹⁾	5,761 tons	11,102 tons	6,302 tons	5,478 tons
Non Processibles to Greencastle, PA ⁽⁶⁾	1,524 tons	2,648 tons	0 ton	0 ton
Resource Recovery Facility ⁽²⁾	55,732 tons	113,225 tons	50,285 tons	55,943 tons
Yard Trim Compost Facility	4,382 tons	6,966 tons	3,469 tons	3,340 tons
Honeygo Run Reclamation ⁽³⁾	0 ton	0 ton	1,421 tons	632 tons
Other Rubble and Soil Recycling ⁽⁴⁾	3,477 tons	7,689 tons	6,304 tons	6,936 tons
Ash Recycling (Old Dominion LF) ⁽⁵⁾	17,829 tons	34,889 tons	14,863 tons	15,733 tons
MSW Bypass to Landfills	2,291 tons	6,220 tons	10,408 tons	0 ton

(1) Recycling Center tons reported as outgoing.

(2) RRF tonnage refers to tons burned (processed). Waste shipped from the Transfer Station but not burned is in the pit and is not included in the tonnage presented here.

(3) Non-processible waste sent to be sorted for recycling and landfilled.

(4) As of July 1, 2014, the Shady Grove Processing Facility and Transfer Station began soil screening operations to increase rubble and soil recycling.

(5) Ash sent to Old Dominion Landfill for internal roads within working landfill cells and alternate daily cover.

(6) As of July 1, 2017, the Shady Grove Processing Facility and Transfer Station began shipping non processible waste (Mountain View Reclamation Landfill, Greencastle, PA).

FACILITY	September FY18	FY18 YTD	September FY17	September FY16
Recycling Center ⁽¹⁾	4,937 tons	16,039 tons	6,171 tons	6,178 tons
Non Processibles to Greencastle, PA ⁽⁶⁾	2,038 tons	4,686 tons	0 ton	0 ton
Resource Recovery Facility ⁽²⁾	56,100 tons	169,325 tons	40,662 tons	50,617 tons
Yard Trim Compost Facility	3,790 tons	10,756 tons	3,483 tons	2,229 tons
Honeygo Run Reclamation ⁽³⁾	0 ton	0 ton	1,709 tons	737 tons
Other Rubble and Soil Recycling ⁽⁴⁾	3,434 tons	11,123 tons	7,465 tons	5,693 tons
Ash Recycling (Old Dominion LF) ⁽⁵⁾	18,838 tons	53,727 tons	13,084 tons	14,581 tons
MSW Bypass to Landfills	0 ton	6,220 tons	15,353 tons	0 ton

(1) Recycling Center tons reported as outgoing.

(2) RRF tonnage refers to tons burned (processed). Waste shipped from the Transfer Station but not burned is in the pit and is not included in the tonnage presented here.

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(5) Ash sent to Old Dominion Landfill for internal roads within working landfill cells and alternate daily cover.

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Revenue Analysis and Systems Evaluation

During July, August, and September program staff:

- Researched properties and entered billing changes into the database;
- Prepared monthly house counts for collection contractors;
- Processed vacancy refunds payable in July, August and September;
- Updated Access™ databases and Excel™ spreadsheets for monthly Refuse and Recycling Collection contractor reports;
- Continued routine research and correction of solid waste fee abnormalities as they emerge in the property tax database;
- Generated Hauler/Collector Credit Account invoices for July, August and September 2017 totaling \$4,171,398.54 (a decrease of \$472,551.68 below the same quarter in 2016);
- Updated the Aging Report (30-day average arrearage was less than \$15,000 per month for the quarter);
- Reconciled July, August and September 2017 tons to monies posted in ERP, as well as to the total dollars charged in Paradigm;
- Processed all FY17 encumbrances and payments to meet year-end requirements;
- Began training for FY19 CIP;
- Encumbered approximately \$67.4 million, 54 requisitions, for FY18 purchase orders to meet July 1st start date; and
- Created DPOs for emergency refuse and recycling contracts in Area's 1 and 4.

CITIZEN COMMITTEES

Dickerson Area Facilities Implementation Group (DAFIG) – DAFIG met on Tuesday, September 12, 2017. Topics discussed included the following:

- Summary of water quality monitoring – 1996-2016
- FY18 Environmental Monitoring
- DEP Complaint Report
- Facilities Update
- RRF Fire Update

The next quarterly DAFIG meeting will be held on Tuesday, December 12, 2017.

Solid Waste Advisory Committee (SWAC)

July – Meeting cancelled.

August – Meeting cancelled.

September – Meeting cancelled.

COLLECTIONS

Resident Missed Collection Complaints: These are calls from residents contacting MC311 one or two days after their collection day informing us that their solid waste or recyclables were not collected.

July 2017	161
July 2016	132
Difference	+ 29

August 2017	157
August 2016	142
Difference	+ 15

September 2017	138
September 2016	158
Difference	- 20

Resident Service Requests:

July 2017

22 gallon bin pick-up	623
22 gallon bin request	2,011
Bulk trash requests	2,879
Cart pick-up	22
Cart repair	487
65 gallon cart	167
35 gallon cart	143
Field check	457
Literature	348
Property damage/missing	19
Same day	419
Scrap Metal request	2,509

August 2017

22 gallon bin pick-up	571
22 gallon bin request	1,805
Bulk trash requests	2,843
Cart pick-up	22
Cart repair	552
65 gallon cart	158
35 gallon cart	135
Field check	409
Literature	382
Property damage/missing	27
Same day	438
Scrap Metal request	2,396

September 2017

22 gallon bin pick-up	420
22 gallon bin request	1,335
Bulk trash requests	2,376
Cart pick-up	22
Cart repair	401
65 gallon cart	136
35 gallon cart	122
Field check	294
Literature	329
Property damage/missing	11
Same day	394
Scrap Metal request	2,099

Outreach:

Survey Cards:

To ascertain level of customer satisfaction with collection services, the Public Service Workers distributed survey cards while performing recycling container deliveries/pick-ups or repairs.

In **July**, 442 cards were dropped off with a return rate of 16%.

	Excellent	Good	Average	Fair	Poor
Service Request Fulfillment	89%	6%	1%	3%	1%
County Provided Collection Services	69%	21%	6%	4%	0%

In **August**, 640 cards were dropped off with a return rate of 13%.

	Excellent	Good	Average	Fair	Poor
Service Request Fulfillment	93%	6%	0%	1%	0%
County Provided Collection Services	78%	21%	1%	0%	0%

In **September**, 339 cards were dropped off with a return rate of 17%.

	Excellent	Good	Average	Fair	Poor
Service Request Fulfillment	91%	7%	0%	2%	0%
County Provided Collection Services	76%	20%	0%	4%	0%

Collection Section Enforcement Actions:

July:

- Citations: There were no citations issued.
- Notices of Violation: There were no Notices of Violation issued.

August:

- Citations: There were no citations issued.
- Notices of Violation: There were no Notices of Violation issued.

September:

- Citations: There were no citations issued.
- Notices of Violation: There were no Notices of Violation issued.

Website:

Solid Waste Services Website

Metric	July 2017	August 2017	September 2017
Users	29,474	19,954	26,815
Sessions	39,764	26,580	34,674
Page Views	74,050	54,513	62,105

Email List Memberships

Topic	Subscribers (new this month)		
	July 2017	August 2017	September 2017
Holiday Reminder	23,384 (1)	23,335 (1)	23,151 (1)
Holiday Reminder (by route)	12,966 (142)	13,060 (155)	13,129 (136)
HHW Announcements	11,921 (0)	11,875 (0)	11,808 (0)
Facility Updates	8,748 (104)	8,758 (102)	8,814 (102)
Electronics recycling	12,966 (142)	13,060 (155)	13,129 (136)
Expanded Polystyrene Ban news and updates	563 (18)	570 (15)	582 (14)
Go Green	4,865 (0)	4,832 (0)	4,804 (0)
Civic Loop	4,267 (16)	4,249 (12)	4,241 (15)
SORRT Newsletter	3,735 (15)	3,728 (9)	3,726 (9)
TRRAC Newsletter	2,677 (17)	2,640 (10)	2,608 (10)
Quarterly Report	2,957 (18)	2,946 (15)	2,940 (16)
Paper Shredding Events	11,586 (243)	11,786 (227)	11,842 (166)
Recycling Volunteers - Active	253 (0)	253 (0)	253 (0)
Recycling Volunteers - Prospective	143 (0)	143 (0)	143 (0)
Learn about new web features	453 (15)	458 (12)	467 (10)
Total Subscriptions	108,692 (801)	108,907 (215)	109,192 (285)

Most Popular Web Pages

July 2017	August 2017	September 2017
1. Transfer Station detail page	Transfer Station detail page	Transfer Station detail page
2. Recycling, Trash, and Yard Trim Programs - home	Recycling, Trash, and Yard Trim Programs - home	Holidays
3. Holidays	DSWS home page	Recycling, Trash, and Yard Trim Programs - home
4. DSWS home page	Request a ... - home page	DSWS home page
5. Request a ... - home page	Transfer Station	Paper Shredding
6. Transfer Station	Paper Shredding	Request a ... - home page
7. Paper Shredding	Transfer Station Fees	Transfer Station
8. Transfer Station Fees	Webstore – Recycling bins and containers	Transfer Station Fees
9. Single-family Home	Single-family Home	Single-family Home
10. Webstore – Recycling bins and containers	Holidays	Webstore – Recycling bins and containers

ADDITIONAL RECYCLING

Product Recycled	July FY18	FY18 YTD	July FY17	July FY16
TVs and PCs	134 tons	134 tons	161 tons	166 tons
Propane Tanks	2 tons	2 tons	3 tons	2 tons
Textiles	6 tons	6 tons	0 tons	13 tons
Construction Materials (Don't Dump – Donate)	0 ton	0 ton	0 ton	4 ton
Vehicle Batteries	9 tons	9 tons	12 tons	9 tons
Scrap Metal	693 tons	693 tons	830 tons	622 tons

Product Recycled	Aug FY18	FY18 YTD	Aug FY17	Aug FY16
TVs and PCs	164 tons	298 tons	167 tons	180 tons
Propane Tanks	5 tons	7 tons	4 tons	2 tons
Textiles	8 tons	14 tons	4 tons	5 tons
Construction Materials (Don't Dump – Donate)	0 ton	0 ton	0 ton	2 tons
Vehicle Batteries	12 tons	21 tons	12 tons	20 tons
Scrap Metal	757 tons	1,450 tons	779 tons	501 tons

Product Recycled	Sep FY18	FY18 YTD	Sep FY17	Sep FY16
TVs and PCs	164 tons	462 tons	134 tons	157 tons
Propane Tanks	2 tons	9 tons	2 tons	3 tons
Textiles	6 tons	20 tons	5 tons	9 tons
Construction Materials (Don't Dump – Donate)	0 ton	0 ton	0 ton	0 ton
Vehicle Batteries	7 tons	28 tons	10 tons	7 tons
Scrap Metal	645 tons	2,095 tons	769 tons	550 tons

HAZARDOUS WASTE PROGRAMS

Household Hazardous Waste (HHW) Collection – There were a total of 33,287 patrons to the program in the first fiscal quarter (July, August, September). During normal business hours, we had 31,648 patrons; after 5:00 p.m., we had 1,639 patrons.

Small Quantity Generator/ECOWISE Program – There were 48 ECOWISE participants in the first quarter that discarded 7.23 tons of business related hazardous materials during the quarter.

WASTE REDUCTION

Bicycle Recycling – “Bikes for the World” removed 4 tons of bikes in the first fiscal quarter for shipment to countries worldwide.

Paint Reduction – The free paint giveaway program through the County paint store reuse program reopened April 1, 2017 and resulted in 782 gallons of latex paint given to 66 residents, and more than 55 tons of latex paint was donated to nonprofit organizations. Paint that cannot be reused or donated is solidified and further processed which resulted in more than 13,500 gallons of paint being processed for proper disposal.

Straight Vegetable Oil (SVO) Recycling – The Transfer Station has a vendor that accepts Waste Vegetable Oil (WVO) for the sole purpose of biodiesel production; in this quarter, 14 tons of WVO were shipped out for processing into biodiesel.

AIR PERMITS AND ENVIRONMENTAL PROGRAMS

Resource Recovery Facility (RRF): CEMS Tracking of RRF Emissions – There was no exceedance of air permit limits on stack emissions during the quarter.

TES Contract (RRF Weather Station) – All the instrumentation worked normally this quarter. Data recovery for all parameters was 100 percent. Precipitation for the month of July was 2.73, August 3.83 inches and September was 2.75 inches.

WASTE REDUCTION AND RECYCLING

Public Education and Outreach – Staff from the Waste Reduction and Recycling Section and Recycling Program volunteers actively participated in 25 activities, events and training sessions reaching 11,711 people this quarter.

- One confidential paper shredding and recycling event was held this quarter at Paint Branch High School in Burtonsville. Additional paper shredding/recycling and clothing/household items collection events will be held on Saturday, October 7 at Walter Johnson High School in Bethesda and on Saturday, November 4 at Clarksburg High School in Clarksburg.

Date	Location	Number of Vehicles Served	Amount of confidential paper shredded and recycled (pounds)	Amount of cardboard recycled (pounds)
9/10/17	Paint Branch HS	513	42,800	180

- Staff conducted two (2) presentations for various community organizations this quarter:

Date	Event
9/13/17	Garrett Park Resident Recycling Committee
9/28/17	Montgomery County Green Democrats

- During this quarter, staff responded to five (5) requests for information and printed materials on the County's waste reduction, reuse and recycling programs.
- Staff continued to answer questions about the ban on the use and sale of expanded polystyrene food service products and packaging peanuts; forwarded nine (9) complaints regarding the use of expanded polystyrene food service products to the Recycling Investigators for follow-up and investigation.
- Staff and recycling program volunteers participated in the 2017 Montgomery County Agricultural Fair, providing information and answering questions about waste reduction, reuse, recycling, and composting.
- Distributed event recycling containers to facilitate on-site recycling at the following events:
 - Montgomery County Agricultural Fair
 - Parks' Half Marathon
 - St. Rose of Lima Fall Celebration
 - French International School Annual Back-to-School BBQ
- During this period, staff continued work on the development of a Food Waste Strategic Plan, as required per Council Bill 28-16. Draft chapters of the Food Waste Strategic Plan were developed and provided to the working groups in mid-September for their review and input. A volunteer from each working group was selected to serve as a convener, and help keep their group focused and moving forward as they meet, discuss issues, and develop their collective comments. Working groups continue to meet and work on their respective chapter.

On-Site Composting and Waste Reduction Activities – Staff and recycling program volunteers continued efforts to encourage residents to manage yard trim materials on-site through backyard/on-site composting and grasscycling. During this quarter:

- Distributed 797 backyard compost bins to residents.
- Conducted one (1) composting workshop event at Dawson's Market in Rockville and spoke to 16 people.

- Ensured that all 21 compost bin pick-up locations throughout the County had an adequate supply of compost bins by fulfilling 18 requests for additional compost bins.
- Responded to 13 requests for information or materials related to backyard composting/grasscycling.

Recycling Investigations Unit – Since the unit was established in 2005, 77,912 site visits and 7,682 formal investigations have been conducted. During this quarter:

- 157 NOVs were issued to businesses and multi-family properties for infringements against the recycling regulations and Chapter 48.
- 24 citations were issued to businesses, multi-family properties, and a refuse/recycling collection contractor as follows:

# of Citations Issued	Reason for Citation	Citation issued to Business, Collector, Multi-Family Property, or Other
13	Failure to recycle required recyclable materials	Business
2	Failure to provide recycling collection service and storage space to tenants	Business
6	Failure to properly maintain premises by permitting solid waste to be stored outside storage containers	Business
1	Failure to properly maintain premises by permitting solid waste to be stored outside storage containers	Multi-Family Property
1	Depositing solid waste upon the property of another without written consent	Multi-Family Property
1	Collecting solid waste after 9:00 p.m. and before 7:00 a.m. less than 500 feet from an occupied residential structure	Collector
24	Total Number of Citations Issued	

Commercial Recycling and Waste –

- Staff from the SORRT (Smart Organizations Reduce and Recycle Tons) Program conducted 1,542 site visits this quarter to businesses, non-profit organizations, and Federal, State and County government facilities to monitor the status and progress of their recycling programs and to recommend on-site recycling program improvements.
- Staff participated in 13 business-related educational events, reaching 690 employees.
- Staff resolved 11 complaints and responded to 182 requests for information and materials.

- Staff distributed the following types and quantities of recycling containers to businesses to increase on-site recycling efforts:

Desk-Side (13-gal) Recycling Bins	Slim Jim (23-gal) Recycling Bins
988	180

- Staff continues the field verification process of all Annual Business Recycling and Waste Reduction Reports submitted for CY2016.
- Staff are in the process of field verifying annual recycling reports for all County-managed government facilities.

Multi-Family Recycling and Waste Reduction –

- Staff from the TRRAC (Think, Reduce and Recycle at Apartments and Condominium) Program conducted 836 on-site visits to multi-family properties to monitor the status and progress of their recycling programs and to recommend on-site recycling program improvements.
- Staff participated in 16 multi-family property educational events, reaching 783 people.
- Staff responded to 127 requests for information and resolved 10 complaints.
- Staff distributed the following types and quantities of recycling containers to multi-family apartments and condominiums to increase on-site recycling efforts:

Baby Blue (6-gal) Recycling Bins	Slim Jim (23-gal) Recycling Bins	WasteWatcher XL (32-gal) Recycling Bins
2,875	108	1

- Two issues of the TRRAC quarterly newsletter were posted on the DSWS website and emailed to 2,626 email addresses registered on the multi-family newsletter subscriber list.
- TRRAC staff completed field verifications and approval of all 681 Annual Recycling and Waste Reduction Reports submitted by multi-family properties for CY2016.

Mixed Paper Recycling – Existing educational materials were distributed to residents at several events. Larger quantities of materials were also provided to homeowner associations and civic groups for their use and distribution.

Volunteer Activities – A total of 118 Recycling Program volunteers, some participating in multiple events, contributed almost 766 hours of their time to support waste reduction, reuse and recycling activities this quarter.

- Four (4) volunteers provided over 174 hours of office assistance.
- Seventeen (17) volunteers participated in six (6) community outreach events and provided almost 73 hours of direct service.
- Six (6) volunteers contributed almost 29 hours of service during the paper shredding/recycling and reuse collection event on September 10, 2017.

- Seventy-nine (79) volunteers contributed over 458 hours of time staffing DEP's education and information exhibit during the 9-day Montgomery County Agricultural Fair (August 11-19, 2017). A total of 48 recycling volunteers attended one of two pre-fair volunteer training sessions.
- Eight (8) volunteers contributed 25 hours of time preparing supplies for use during the County Fair as well as other fall events.
- Four (4) Neighborhood Block and Building Recycling Captain volunteers contributed almost seven (7) hours of service providing outreach and education about waste reduction, reuse, recycling and backyard composting to neighbors, distributing information to 65 homes.
- Staff continued to recruit new volunteers. During this quarter, 29 new volunteers and 29 volunteer applicants were recruited.
- Staff attended fall volunteer fairs at each campus of Montgomery College (Rockville, Takoma Park/Silver Spring and Germantown).
- A total of 31 new recycling volunteers attended a volunteer orientation and training session to receive information about the County's recycling and solid waste programs and services.
- There are currently 409 active recycling program volunteers.

PILOT PROGRAMS

Cooperative Collection/Alternative Collection – The SORRT Program continued to monitor all three Cooperative Collection Projects in Silver Spring to ensure that the participants are recycling properly.

EOB Cafeteria Food Scrap Recycling Model Project – DEP continued to monitor the model food scrap recycling collection project for the EOB cafeteria.

- For the project to-date (November 1, 2011 – September 30, 2017), a total of 117.5 tons of pre-consumer food scraps has been collected and recycled.
- DSWS continues to monitor the collection area daily and checks for feedback from cafeteria staff on a regular basis.
- Staff also continued to monitor the food scrap recycling collection containers for the cafeterias at the Council Office Building and the Public Safety Headquarters Building.
- Compostable/biodegradable bags were distributed to all three locations during this quarter.

FACILITY ACTIVITIES

Resource Recovery Facility (RRF) –

RRF processed	169,325 tons / 1,840 per day
RRF tours	2
RRF exported	97,502,000 kilowatt-hours to the power grid
Ferrous material recovered from ash	2,017 tons

Tighter controls on waste storage capacity at the plant made it necessary to bypass 6,250 tons of waste.

During the quarter, the units were down to tube leaks, repair grate bars, clear blockage in the scrubber, and replace an ash conveyor. In addition, the turbine tripped and the plant had to purchase 52.3 MWh of electricity because of low steam temperature.

Recycling Center – The new Paper Processing Facility at the Recycling Center is in full operation. The new paper processing line will result in more than 50,000 tons per year of cardboard and mixed paper processing internally rather than the exportation process that occurred historically.

Recycling Center production resulted in the processing of more than 7,478 tons of incoming commingled recyclable material and more than 10,528 tons of cardboard, mixed paper, and other fiber-related materials being exported to vendors under contractual agreements. Since fiber sorting operations began, more than 6,830 tons of fiber related materials, such as cardboard and mixed paper, were processed through the new systems as part of our acceptance and testing phase of the project.

During regular and preventative maintenance programs, the following maintenance items were addressed: 2 conveyor belts were replaced due to wear or damage; 2 pulleys, 1 roller, and 1 set of bearings were replaced; 2 sets of laces were replaced on belts; a starter motor was replaced due to wear, rubber cutting edges were replaced and interval hour maintenance was performed on the loaders and other rolling stock equipment; both pit conveyors were cleaned and excess liquid material vacuumed out; and general repair and maintenance was performed on all processing equipment and rolling stock. Installation of the old air-conditioning, heating, and air-handling system was completed which included replacing the main unit, circuit boards, processors, and thermostats that were no longer technologically repairable and to comply with existing environmental regulations. Warranty replacement of a gear motor for the automatic tie system and a high-pressure cartridge in the new fiber sorting equipment was completed.

Oaks Landfill

Power Plant Update - The 2.4 Megawatt landfill gas-to-energy (LFGE) facility continues to operate well.

CB&I completed the gas sampling around the landfill property boundary for the first quarter monitoring event in September, and no exceedances were noted.

Normal landfill leachate treatment and hauling of the pre-treated leachate to the Transfer Station discharge point continues unremarkably.

Gude Landfill – The 0.8 MW Megawatt landfill gas-to-energy (LFGE) facility discontinued operations on June 1, 2017; however, the gas collection systems are fully operational and landfill gas is diverted to flaring. No gas migration issues were noted at the landfill property boundary. The methane gas monitoring wells on the northwest boundary of the Landfill adjacent to the gas line right-of-way and the Derwood Station community have been largely in compliance.

CB&I completed the gas sampling around the landfill for the first quarter gas monitoring event in September, and only one exceedance was noted from probe #18.

The monthly meetings, between GLCC (i.e. the community) and DEP were conducted on a regular basis at the Transfer Station. The meetings will continue throughout the remediation process. Written updates will be provided during months when there is insufficient new information to justify a meeting.

A new weather station was installed on the south side of the landfill to collect yearlong weather data. The weather station is functioning normally and three months weather data is available to date. All the instrumentation worked normally this quarter. Data recovery for all parameters was 100 percent. Precipitation for the month of July was 6.19, August 2.94 inches and September was 2.46 inches.

Beantown Dump Project – This project involves reducing the presence of methane gas at the former Beantown Dump near the intersection of Gude Drive and Dover Road.

DEP completed the quarterly gas monitoring in August 2017. Results indicated reduced methane concentrations at the old dump site, after Phase I, Passive Venting Monitoring, well enhancements. However, results also indicated the exceedances in few probes due to the seasonal fluctuations. Due to the reduced exceedances, DEP is considering the continuation of monitoring for the next three quarters and will decide the future course of action.

Solid Waste Transfer Station – Covanta shipped 157,115 tons of processible waste via rail from the Transfer Station for the first quarter of FY18 compared to 140,844 for the same period last year.

The inbound radiation detectors had 12 total alarms this quarter – 11 alarms by vehicles whose loads were identified as containing low levels of medical isotopes with short half-lives in trash; 1 alarm from a driver who had undergone recent medical tests. The Public Unloading Facility radiation detectors had 0 alarms.

Transfer Station Enforcement – Under Chapter 48 of the Montgomery County Code, a total of 287 enforcement actions were issued during the reporting period. The enforcement composition breakdown includes:

Code Section	Description	Verbal	NOV	Citation	TOTAL
48.00.05.03(d)	<i>Delivering of solid waste acceptable for recycling</i>	28	7	18	53
48-11	<i>Illegal dumping, dumping in another's container, dumping solid waste on a public right-of-way</i>	1	0	0	1
48-19(a)(1)	<i>Transporting Solid Waste without a valid Collectors/Hauler tag</i>	0	3	13	16
48-19(a)(2)(a)	<i>Improper or no tarps on resident vehicle</i>	109	18	4	131
48-19(a)(2)(b)	<i>Transporting solid waste without a canvas or tarp covering the load tightly Commercial</i>	10	14	19	43
48-19(a)(3)	<i>Person cannot engage in business of collecting or transporting solid waste without obtaining a license</i>	1	2	5	8
48-20(a)	<i>Un-permitted Vehicle of a Licensed Company</i>	2	2	21	25
48-20(d)	<i>Unsafe Vehicle</i>	0	3	4	7
48-22	<i>Permit Required for Transporting trash from Out of State into County</i>	0	0	2	2
48-24(c)	<i>Container Standards must be maintained</i>	0	1	0	1
48-48(a)	<i>Compliance of Recycling by Generators</i>	0	0	0	0
48-48(a)	<i>Recycle compliance by Recycler</i>	0	0	0	0
48-48(b)	<i>Compliance by Hauler/Collector</i>	0	0	0	0
	TOTALS	151	50	86	287

Site 2 Landfill Properties – DGS Real Estate is in the process of preparing the Draper farm house to be rented. Repairs were made to the Chiswell access driveway. An orientation session was held for new Patriot team members as part of deer management.

Yard Trim Compost Facility –

July, August, and September	FY18	FY17
Materials composted in tons	10,755 tons	10,231 tons
Materials diverted to back-up composting facilities	0	0
LeafGro™ shipped	0 cu yd.	3,436 cu yds.
LeafGro™ bagged shipped to distributors (Each bag is 1.5 cubic feet weighing 45 lbs.)	118,600 bags	93,150 bags

OUT-OF-COUNTY HAUL

Old Dominion Landfill, Richmond, VA – In the first quarter of FY18, approximately 52,740 tons of ash residue was transported to the Old Dominion Landfill for ash recycling and metal recovery. The Ash is screened into two grades for use as road base and alternate daily cover within the confines of the landfill owned by Republic Services. Metals are also removed from the ash both at the RRF and during the screening process at Old Dominion Landfill.

Mountain View Reclamation Landfill, Greencastle, PA. Approximately 4,686 tons of non-processibles were sent to Greencastle, PA in the first quarter of FY18 compared to 3,147 tons sent to Honeygo Run Reclamation site in Perry Hall, Maryland, for the same period last year.

GENERAL INFORMATION

Important Telephone Numbers

General information on solid waste	311 or 240-777-0311
Customer Service	311 or 240-777-0311
Transfer Station	240-777-6560 (County Office) 301-916-3031 (Covanta) 301-330-2840 (MES)
Recycling Center	240-777-6591 (County Office) 301-417-1433 (MES)
Resource Recovery Facility	240-777-6494 (County Office) 301-916-3031 (Covanta)
Yard Trim Compost Facility	301-428-8185 (MES)
Internet for DEP	www.montgomerycountymd.gov/solidwaste www.montgomerycountymd.gov/recycling www.montgomerycountymd.gov/hazardouswaste www.montgomerycountymd.gov/yardtrim

Note: All comments, questions, and suggestions on the contents of this report should be addressed to:

Serena Bell
Department of Environmental Protection
Division of Solid Waste Services
101 Monroe Street, 6th Floor
Rockville, MD 20850
Tel: 240-777-6459
Fax: 240-777-6465
Email: serena.bell@montgomerycountymd.gov

SOLID WASTE FACTS IN A NUTSHELL

TOPIC OR FACILITY	
Latest Tonnage of Materials Recycled in Montgomery County	598,514 (CY16)
Latest Recycling and Waste Diversion Rate Reported in Montgomery County	61% (CY16)
Recycling Goal	70% by December 31, 2020
Resource Recovery Facility (RRF)	Permitted Capacity = 657,000 tons per calendar year (based on 5,500 BTU/lb waste)
Yard Trim Compost Facility	<p>Under the Sugarloaf Settlement Agreement, operations are limited to the receipt of 77,000 tons per fiscal year.</p> <p>In FY16, 65,104 tons of yard trim were received at the Dickerson facility.</p>
# Residences receiving trash collection by County contractors Agreement	91,786
# Residences receiving collection of recyclables in blue bins and yard trim collection	217,266
Term of out-of-county waste transportation and disposal contract with Brunswick Waste Management Facility, Inc.	June 19, 1997 through June 30, 2017 including an approval option for a five-year renewal. (Service started October 20, 1997.)

GLOSSARY OF ACRONYMS

BTU	British Thermal Unit
CB&I	Chicago Bridge and Iron Company
CEMS	Continuous Emissions Monitoring System
DAFIG	Dickerson Area Facilities Implementation Group
DEP	Department of Environmental Protection
DSWS	Division of Solid Waste Services
ERM	Environmental Resources Management
ERP	Enterprise Resource Planning
FY	Fiscal Year
GLCC	Gude Landfill Concerned Citizens
HHW	Household Hazardous Waste
kWh	Kilowatt-hours
LFGE	Landfill Gas-to-Energy
MES	Maryland Environmental Services
MWh	Mega Watt hours
NOV	Notice of Violation
RRF	Resource Recovery Facility
SCS	SCS Engineers
SORRT	Smart Organizations Reduce and Recycle Tons
SWAC	Solid Waste Advisory Committee
SVO	Straight Vegetable Oil
TRRAC	Think Reduce and Recycle at Apartments and Condominiums
UPS	Uninterrupted Power Supply
VOCs	Volatile Organic Compounds
WVO	Waste Vegetable Oil
YTD	Year-To-Date