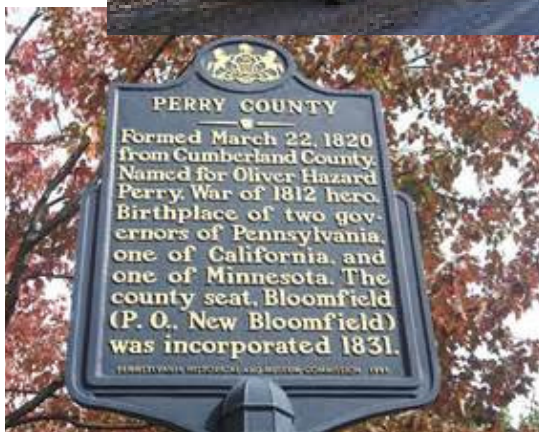


Perry County Municipal Solid Waste Management Plan

Perry County, Pennsylvania



August 2015
Revised March 2016

Perry County, Pennsylvania

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August 2015
Revised March 2016

Prepared For:

Perry County
PO Box 37
25 West Main Street
New Bloomfield, PA 17068

Prepared By:

Barton & Loguidice, P.C.
Engineers • Environmental Scientists • Planners • Landscape Architects
Slate Hill Business Center
3901 Hartzdale Drive - Suite 101
Camp Hill, Pennsylvania PA 17011-7843

Thanks to the people who volunteered their time and input during the preparation of the
Perry County Plan Update:

BOARD OF COMMISSIONERS

Brenda K. Benner
Stephen C. Naylor
Paul L. Rudy, Jr.

CHIEF CLERK/CHIEF OF STAFF

Kathy Burkholder

SOLICITOR

William Bunt, Esq.

COUNTY REPRESENTATIVES

Sally Tengeres, Perry County Conservation District Manager
Jason R. Finnerty, Staff Planner, Perry County Planning Commission

Perry County Solid Waste Advisory Committee Members (in alphabetical order)

Rich Baum
Kevin Bush
Greg Diemler
Glenn Holliman
Robert Lightner
Lonnie Sarver
Sean Sweeney
Randy & Carol Sylvester
Sally Tengeres
Scott Weaver

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CHAPTER 1 - DESCRIPTION OF WASTE

1.0 Introduction

On July 28, 1988, the Pennsylvania Municipal Waste Planning, Recycling and Waste Reduction Act (Act 101) was enacted. This Act provided counties with the duty and primary responsibility to plan for the processing and disposal of municipal waste generated within their boundaries and required counties to develop and submit municipal waste management plans to the Pennsylvania Department of Environmental Resources (DER) (now Department of Environmental Protection (DEP)) for approval by January 1991. Among other requirements, the Plan must provide for assured disposal capacity for the processing and disposal of municipal waste generated within the county for at least ten years.

In conformance with its powers and duties under Act 101, at the direction of the Perry County Commissioners, the County proceeded to fulfill its obligations under Act 101 to develop and implement a Municipal Solid Waste Management Plan (Plan) subsequent to municipal review and ratification.

In January 1989, the County appointed the Perry County Solid Waste Advisory Committee to assist the County in evaluating the available options providing for assured disposal capacity to serve the County's needs and to advise the County during the Plan development process.

Over the next eighteen months the County, with the assistance of the Solid Waste Advisory Committee (SWAC), its consultants and legal counsel evaluated the potential for construction of a transfer station and/or disposal facility within the County to meet its obligation to provide adequate disposal capacity for the next ten-year period. A Request for Proposal (RFP) was issued and responses evaluated. After considerable review, the County decided that the preferred option was to enter into an agreement with Waste Management to reserve ten years of disposal capacity at Modern Landfill located in York County and rely on the Diller Transfer station in Cumberland County for the transfer of waste within the County to the landfill.

In September, 1989, with a 901 Planning Grant from DER, the County with the assistance of the SWAC, its consultants and legal counsel proceeded to develop the Plan. Subsequently, in March 1991, the Perry County Municipal Solid Waste Management Plan was approved by the Commissioners and was ratified by the municipalities in March 1991 in accordance with the

provisions of Act 101. A three (3) year Disposal Contract was then entered into with Modern Landfill with 3-year and 4-year option renewal periods. The Plan was approved by DER in June 1991.

In order to implement the Plan, in May 1992, the County adopted a Municipal Solid Waste Ordinance (92-2) that required all municipal waste generated within its boundaries to be processed and disposed at the designated processing and disposal facilities contained in the Plan. In June 1992, the County adopted Rules and Regulations for Licensing Procedures for Municipal Solid Waste Haulers providing for licenses and fees and requiring all municipal waste collected in the County to be directed to the designated processing or disposal facilities.

In December 1992, the County was formally advised by DER that its Plan was not in compliance with all provisions of Act 101 and the County was directed to undertake a Non-Substantial Revision to the Plan which was approved by DER in January 1994.

Since the Disposal Agreement with Waste Management was for a three-year term ending in 1995, at the Commissioner's direction and upon advice of counsel, a new RFP for ten years of disposal capacity was issued in April 1994. Based on changes Perry County was contemplating making to the existing Plan, the County was required to begin the process of a Substantial Plan Revision that required municipal ratification.

Based on the response to the RFP and upon the advice of the SWAC, its planning consultants and legal counsel, the County determined that it was in the County's interest to modify the plan to designate a number of facilities to provide assured disposal capacity since this provided greater options for municipalities and with an anticipated result of more competitive pricing for collection and disposal services to County residents and businesses. As a result, in May 1995 after municipal ratification of the Plan Revision, the County entered into Disposal Agreements with six (6) permitted processing/disposal facilities for a ten year period.

As part of the 1995 Plan Revision to meet its obligation under Act 101 and the Commonwealth's 25% recycling goal, the County developed a drop-off recycling program at select locations to augment voluntary recycling programs in several municipalities and appointed a County Recycling Coordinator to assist in the implementation of the Plan. The 1995 Plan Revision also

called for the continued evaluation of the feasibility and benefits of the construction and operation of a waste transfer facility within the County.

Given the expiration of the disposal agreements with the designated facilities in May 2005 and its obligations under Act 101 to update the Plan on a regular basis, address the County's appropriate obligation under the Commonwealth's revised 35% recycling goal and to continue to provide for at least ten years of assured capacity, the County Commissioners in November 2004 directed its staff to initiate steps toward the development of the 2005 Plan Revision.

The purpose of the 2005 Plan Revision was to (1) provide for an additional ten years of disposal capacity to serve the needs of the County and its municipalities through an open, fair and competitive process, (2) address how the County will take steps to meet the statewide 35% recycling goal over time, (3) update relevant demographic data, waste generation and disposal trends and collection practices, and (4) identify actions to address illegal dumping and insure all municipal waste generated within the County is processed and disposed in a manner that is protective of public health, safety and the environment and in compliance with Act 101 and the Solid Waste Management Act (Act 97).

To provide assistance to the County in this effort, the County applied for and was issued in February 2005 a Department of Environmental Protection (DEP) Technical Assistance Grant under Act 101 to have DEP contracted consultants provide recommendations to the County to address the issue of improving the County recycling program, increasing the rate of recycling within the County and steps to eliminate illegal dumping in the County

At the County Commissioner's direction, the 2005 Plan Revision process was officially initiated via a letter to DEP in February 2005. Based on meetings with DEP, it was determined that the Plan was deemed a Non-Substantial Plan Revision. A newly constituted SWAC was appointed in March 2005 to assist the County and its consultants and legal counsel in this planning effort.

A RFP for ten years of assured disposal capacity was issued on April 22, 2005 and advertised on a national basis. By the June 6, 2005 deadline, eleven (11) responses were received. Based on identified selection criteria, nine (9) permitted disposal facilities were selected as designated

facilities and Municipal Disposal Contracts were approved and executed by the County on June 27, 2005.

Given the expiration of the disposal agreements with the designated facilities in June 2015, the reduction in financial support of the County-wide drop-off program, and its obligations under Act 101 to update the Plan on a regular basis, address the County's appropriate obligation under the Commonwealth's revised 35% recycling goal and to continue to provide for at least ten years of assured capacity, the County Commissioners in March 2014 directed its staff to initiate steps toward the development of the current Plan Revision.

The purpose of the 2015 Plan Revision is to (1) provide for an additional ten years of disposal capacity to serve the needs of the County and its municipalities through an open, fair and competitive process, (2) address how the County will take steps to meet the statewide 35% recycling goal over time, (3) update relevant demographic data, waste generation and disposal trends and collection practices, (4) develop goals and recommendations to support recycling in Perry County with reduced funding from the County, and (4) identify actions to address illegal dumping and open burning and insure all municipal waste generated within the County is processed and disposed in a manner that is protective of public health, safety and the environment and in compliance with Act 101 and the Solid Waste Management Act (Act 97).

To provide assistance to the County in this effort, the County applied for and was issued in January 2015 a Department of Environmental Protection (DEP) Technical Assistance Grant under Act 101 to have DEP contracted consultants provide recommendations to the County to address the issue of improving the county recycling program, finding funding to support the County recycling program, increasing the rate of recycling within the County, and developing steps to eliminate illegal dumping and open burning in the County.

At the County Commissioner's direction, the 2015 Plan Revision process was officially initiated via a meeting with DEP in May 2014. Based on this meeting with DEP, it was determined that this Plan would be deemed a Substantial Plan Revision, due to the elimination of the County funded recycling programs. A newly constituted SWAC was appointed in May 2014 to assist the County and its consultants and legal counsel in this effort.

An Interest Letter for ten years of assured disposal capacity from the waste disposal facilities that accepted the majority of Perry County waste over the past five years was mailed in December 2014. It was decided, by the Perry County Commissioners, that waste haulers may dispose of waste at any duly licensed facility; therefore, based on a conversation with PADEP, an advertisement was not necessary for disposal capacity assurance. Eight (8) responses to the Interest Letter were received by the January 23, 2015 deadline, including two (2) transfer station responses. Based on the waste disposal facility responses received, it was determined that a third transfer station was potentially being utilized by a waste disposal facility respondent and should be included in the Plan Update. Based on identified selection criteria, six (6) permitted disposal facilities are being selected as designated facilities for waste disposal capacity assurance and Municipal Disposal Contracts are being approved and executed by the County. Three (3) permitted transfer stations are selected as designated facilities. A condition for transfer stations, upon entering a contract with Perry County, is to accurately label Perry County waste upon delivery to a landfill or waste recovery facility. Municipal Disposal Contracts with the transfer stations are being approved and executed by the County.

As part of the Interest Letter, Perry County requested that disposal facilities respond with their interest in entering good faith discussions with Perry County to work to identify ways in which the respondents may potentially support an enhanced and sustainable integrated waste and recyclables management program for the County. All of the respondents (Waste Management Laurel Highlands and Mountain View Reclamation, Clinton County Landfill, LCSWMA and SRMC, and the Cumberland County Landfill) indicated a willingness to participate in the discussions. The meetings were scheduled to occur in May/June 2015. As part of the scheduling outreach, Waste Management, LCSWMA, and Cumberland County Landfill agreed to meet to discuss Perry County support. A representative from the Clinton County Landfill did approach B&L at a later date and agreed to support Perry County through programs and information they already have available. Perry County was encouraged to reach out to the Clinton County Landfill to discuss their specific needs.

The respondent's proposals for support of the integrated waste and recyclables management program are located in Appendix A. These proposals were used as a starting point for discussions with the facilities. The meeting minutes from the disposal facility meetings, outlining what the facilities were willing to contribute and/or resources they have available for

Perry County will be supplied to PADEP as part of the implementation period, as there may be follow-up discussions with facilities that did and did not participate in the discussions.

This Plan Revision is being prepared so that the County can consolidate prior Plan revisions into one comprehensive planning document that reflects the current Solid Waste Management System and the County's intended efforts in the next planning cycle to increase the opportunities for recycling within the County toward meeting the Commonwealth's 35% recycling goal and actions to eliminate illegal dumping and open burning and assure all municipal waste generated within the County is collected, processed and disposed in compliance with County ordinances and applicable Commonwealth statutes and regulations.

1.1 Purpose

The purpose of this chapter is to describe and determine the quantity of municipal solid waste (MSW) generated in Perry County that will be managed by the system defined in this Plan. To estimate the quantity of present and projected municipal waste generated on an annual basis, current and historical quantity data was used, including:

- Municipal Waste Management Plan for Perry County (2005)
- Pennsylvania Department of Environmental Protection (PADEP) Origin/County Waste Destination Reports for the period January 2009 through December 2013
- Perry County ReTRAC Reports for 2009 through 2013
- Perry County Population Projections from the Perry County Comprehensive Plan, 2015
- Perry County Comprehensive Plan Basic Studies, 2015

A summary of this data is provided below.

1.2 Characteristics of Perry County

Perry County is located in central Pennsylvania bordered by the Susquehanna River to its east, with its southern boundary beginning approximately five (5) miles north of the City of Harrisburg. The County is best described as a rural community with a 2010 population of 45,969 according to the U.S. Bureau of the Census. The 2025 population is estimated to be 45,517. The County consists of thirty (30) municipalities that include nine (9) boroughs and twenty-one (21)

second class townships. The majority of the population is concentrated along U.S. Route 11/15. Figure 1-1 shows the location of Perry County. Perry County is 555 square miles in area.

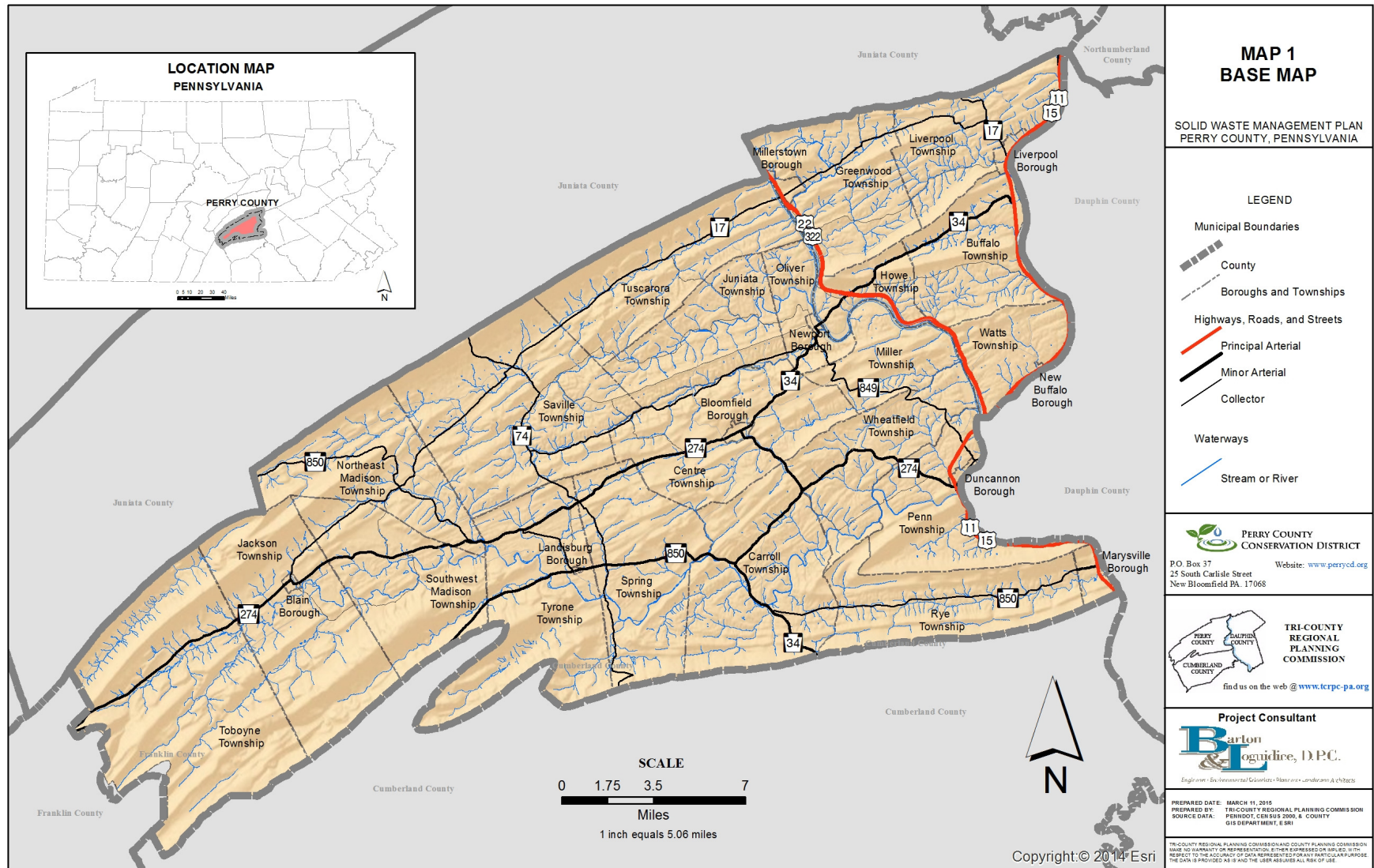
Employment in the County is concentrated in the agriculture, retail trades, government, textile manufacturing and professional services industries. Generally, there appear to be four areas of distinct concentration of commercial activity. The largest area is the corridor from Marysville Borough to Liverpool Borough. This area contains approximately 50 percent of the major employers in the County. The other areas of concentration are located in the Boroughs of Newport and Bloomfield, and in the vicinity of Shermansdale in Carroll Township.

Population factors are fundamental considerations in developing programs for the establishment or improvement of public services of any type. Existing and projected levels of population and business activity and the geographic concentrations of various human activities have a direct relationship on both the generation of solid waste and the strategies employed toward the collection and disposal of these materials.

Recent projections suggest the continuing decrease in population will stop in 2015 and an increase in population will continue thereafter through the ten year planning period. Table 1-2 presents the projected population figures for all municipalities in Perry County through the year 2035. The outlook for new growth is very strong. However, caution must be used when applying any population projection.

The major transportation routes in the County are U.S. 11-15, which is a primary north-south corridor, and U.S. 22-322 that runs primarily east-west. U.S. Routes 11 and 15 are corridors that link New York and Maryland, while U.S. Routes 22 and 322 link central Pennsylvania with northwestern PA and Ohio. Perry County also has important state roads that include PA Routes 34, 274, 233 and 850.

FIGURE 1-1 PERRY COUNTY LOCATION MAP AND MUNICIPAL BOUNDARIES



1.3 Residential, Commercial, and Institutional Fraction of the Municipal Waste Stream

The municipal waste portion of the County's solid waste stream consists of waste generated by residential (homes, apartments), commercial (offices, retail stores, restaurants, industrial lunchrooms and offices, etc.), institutional sources (municipal buildings, libraries, schools, etc.), and community events. Recyclables generated/diverted from these sources are also included in the tonnages reported below. Table 1-1 reports the total quantities of residential, commercial, and institutional waste processed or disposed of from Perry County sources from the years 2009 through 2013.

TABLE 1-1 – PERRY COUNTY RESIDENTIAL, COMMERCIAL, AND INSTITUTIONAL WASTE AND RECYCLABLES TONNAGES FOR 2009 – 2013

| Type of Material | Year | | | | |
|---|--------|--------|--------|--------|--------|
| | 2009 | 2010 | 2011 | 2012 | 2013 |
| Residential, Commercial, and Institutional Waste* | 19,915 | 17,367 | 15,702 | 13,529 | 9,441 |
| Recyclables (diverted) | 741 | 1,076 | 1,301 | 1,461 | 1,125 |
| Total: | 20,656 | 18,443 | 17,003 | 14,990 | 10,566 |

* Tonnages do not include construction and demolition material

**Tonnages obtained from PADEP Waste Destination Reports and Re-TRAC Reports for Perry County

A review of Table 1-1 shows a fairly steady decline of the reported amount of municipal waste disposed of by Perry County residents and businesses, except for a more drastic decline in 2013. The potential reasons for this decline are discussed briefly below and in greater detail in Chapter 3. Based on this information, an average of the waste generated during the past four years (2009 through 2012) will be used to estimate the per capita waste generation rate. The per capita waste generation rate will be applied to the projected population of Perry County to develop the waste disposal tonnages during the planning period. Perry County disposes an average of 18,511 tons of MSW per year. Over a period from 2009 to 2013, recycling accounted for an additional 1,145 tons of MSW per year. Therefore, it can be calculated that a total of

approximately 20,000 tons per year of Municipal Solid Waste is disposed of by County residents and businesses.

Using the average of population and waste generation from 2007 through 2013, a MSW generation rate of 0.41 tons/capita/year (2.25 lbs./capita/day) is obtained (includes special handling waste, does not include residual waste). Using the amount of waste recycled from 2007 through 2013, a generation rate associated with recycling services of 0.025 tons/capita/year (0.14 lbs./capita/day) is obtained.

There is an additional amount of waste and recyclables that do not make it to a proper disposal facility or do not get accurately reported. It is estimated that approximately 16,000 tons of waste and recyclables exist in the Perry County waste stream that are either burned, illegally disposed of, mis-labeled as out-of-County waste, or captured but not reported to the County. This tonnage is currently not accounted for in the waste destination and Re-TRAC reports for Perry County. This material has been accounted for in the waste projections for Perry County over the ten year planning period. It is believed with additional recycling programs and education, an effort to encourage accurate reporting of the origin of waste, and a reduction in illegal dumping and open burning of waste and recyclables, this total can be reduced to approximately 10,000 over the ten year planning period.

It should be noted that between 400 and 900 tons per year of residual waste (waste from industrial, mining or agricultural processes) was generated in Perry County over the past five years. The majority of this waste stream was disposed of at Mountain View Reclamation Landfill, Cumberland County Landfill, and the Harrisburg Waste-to-Energy (WTE) facility, as well as other facilities accepting municipal waste. When included in the capacity calculations, an average of 36,000 tons per year, or 360,000 tons over the next 10 years, is needed for disposal/processing of all categories of Perry County wastes (including recyclables).

1.4 Construction and Demolition Waste

The amount of Construction and Demolition (C&D) waste collected for disposal on an annual basis from Perry County sources has been consistent over the past five years, at approximately 3,000 tons annually. The per capita rate for C&D waste is expected to remain steady over the next ten (10) years. Table 3-3 reports the total quantities of C&D waste processed or disposed of

from Perry County sources from 2009 through 2013. Typical C&D waste materials include lumber, drywall, metals, masonry (brick, concrete, etc.), carpet, plastic, pipe, rocks, dirt, paper, cardboard, or green waste related to land development. Refer to Chapter 3, Table 3-4 for C&D waste projections.

1.5 Biosolids and Septage Waste

Fourteen (14) Municipal Wastewater Treatment Plants (WWTPs) were surveyed as part of this Plan Update. The survey results are located in Appendix C. Currently, none of the public wastewater treatment plants accept septage. This service may be provided either through 1) an agreement between individual septage haulers and the Municipal Authority owning and operating the plant or 2) acceptance by some facilities of septage from any properly licensed septage hauler. See Appendix C for WWTP survey results.

The capacity of the Wastewater Treatment Plants serving Perry County varies from a daily average of approximately 30,000 gallons per day (GPD) to 1.25 million gallons per day (MGD). The annual sludge produced (biosolids) ranged from 2,000 gallons (liquid) to 450 tons (“wet” dewatered cake). The amount of dewatered sludge cake disposed of on an annual basis in landfills serving Perry County was approximately 600 tons over the past five (5) years. Dewatered sludge cake is sewage sludge that has been removed of water by one of many processes, which produces a cake like substance that can be land applied. The WWTPs listed Cumberland County Landfill as the landfill that accepts sludge. None of the WWTPs listed land application on farm fields as the final method of disposal for sludge.

Of the fourteen WWTP facilities that responded to the survey:

- Two use landfill disposal
- Five transport sludge to the Harrisburg Advanced Wastewater Treatment Facility for final processing and disposal
- Six have sludge removed under contract with a private organization
- One did not specify where sludge is disposed

While only two of the fourteen reporting facilities specified landfilling as their disposal method, it is the option used for the larger treatment facilities in Perry County. Based on survey results,

landfilling is used to dispose of over 450 tons of biosolids generated in Perry County annually. The remaining methods are used to manage the sludge that is not landfilled.

The County also used this survey to collect information on which treatment plants accept septage (on-lot system pumpings), and which plants are willing to consider accepting septage in the future. Of the fourteen plants responding to the survey, none of the facilities are currently accepting septage. The majority of facilities responded that their facilities are not designed to receive and treat septage, so acceptance of this material is not an option in the future without significant upgrades to the site.

Only two (2) septage haulers replied to a separate survey. Both haulers indicated that they land apply this material.

1.6 Yard Waste and Recycling

Yard waste materials are organics which readily decompose in either an agricultural land application process or a composting system. There are currently eight (8) municipalities who offer residents an option for leaf and yard waste disposal and composting, Liverpool Borough, Bloomfield Borough, Newport Borough, Penn Township, Marysville Borough, Millerstown Borough, Duncannon Borough, and Oliver Township. In these four municipalities' leaf and yard waste is collected by the contracted hauler, local municipality or delivered to a drop-off by the resident. The material is either taken to a farm where it is used as compost, composted on site, or disposed of at a landfill.

According to the Pennsylvania Department of Environmental Protection, there are other options for composting leaf and yard waste if a compost drop-off or processing facility is not an option. Backyard composting and grasscycling are practices that residents can do at their own home. Grasscycling is a simple alternative to bagging grass clippings. Residents can simply leave the clippings on their lawn, where they break down in 7 to 14 days. The grass clippings act as top-dressing fertilizer and help keep lawns green and healthy. To conduct grasscycling, mow when grass is not wet and use a sharp mower blade. Don't let large clumps of grass clippings accumulate on the lawn and don't overuse harsh chemicals and fertilizers, instead look for organic brands. If possible, use a mulching mower that chops the clippings into smaller pieces. Grass clippings may be used around vegetables or flowers to inhibit weed

growth and retain soil moisture. Clippings shall be kept at least two inches away from young plants to avoid burning the new growth with excess nitrogen. Residents can add grass clippings to their compost pile for extra nutrients and to speed up the composting process. To avoid odors, grass clippings should comprise no more than one-third of the pile.

Another option for recycling leaf and yard waste is backyard composting. A good mix of organic materials needed for successful composting consists of two parts “browns” (materials such as dead leaves that are high in carbon) and one part “greens” (such as fresh grass clippings and garden prunings that are high in nitrogen). Composting materials should feel moist like a damp sponge but not overly soggy. Compost should feel warm to the touch except in cold winter months. When materials decompose without oxygen, they can create unpleasant odors. Turn compost regularly to ensure that air reaches the center of the pile. For a list of materials that can and cannot be used in a backyard compost pile, see Appendix F. A resident shall place the compost site in a 4’x4’x4’ area out of direct sunlight. The site shall be an easily accessible spot on a grass or soil base. Composting can begin any time of the year, but it is easier to start in the fall, when leaves are abundant. Mix the ingredients and add water so the materials feel as damp as a wrung-out sponge. The pile shall be turned after a few weeks so that outside ingredients are exchanged with the ingredients from the center of the pile. Turn compost piles about once a month, except in cold winter conditions. If more water is necessary, it can be added during turning. Residents shall add a shovelful of garden soil or finished compost to the compost pile. This adds the essential microorganisms needed to break down the waste into compost.

Compost is ready for use when it looks dark and crumbly and none of the starting ingredients are visible. One way to test if compost is finished is to seal a small sample in a plastic bag for 24 to 48 hours. If no strong odors are released when you open the bag, the compost is finished and ready to be used. As a soil amendment, compost increases water retention, adds nutrients and increases soil health. Work it into the top 6 to 8 inches of the soil when planting. Compost can also be applied as mulch directly around the base of trees and shrubs.

More information about backyard composting and grasscycling can be found in Appendix F.

1.7 Infectious and Chemotherapeutic Waste

Under the Pennsylvania Department of Environmental Protection (PADEP) regulations, infectious and chemotherapeutic waste (ICW) generated by hospitals, nursing homes, clinics, dental and medical offices is included as part of the municipal waste stream. Therefore, it is Perry County's responsibility to ensure proper management of this portion of the municipal waste stream.

Most ICW is collected by one of the number of private companies that offer medical waste collection services in Perry County. To ensure the proper handling of this material by private haulers, PADEP requires that all vehicles used for the commercial collection of ICW generated in the County be permitted by PADEP.

Surveys were sent out to a number of major haulers of ICW in Perry County, as well as a few major generators of ICW in Perry County. All ICW generators reported using an outside contractor to manage their ICW waste. The ICW waste generators reported that the following companies managed their ICW waste: Bio Team Mobile, Inc, Alpha Bio/Med Services, Curtis Bay Medical Waste, Stericycle, Conservative Environmental Services, Sharps Compliance Inc., and Prestige Delivery Systems. The survey results for ICW generators and haulers are located in Appendix C.

Today, medical facilities continue to manage ICW effectively either through on-site processing or through arrangements with commercial contractors to safely transport, process and dispose of this material. Though home-generated sharps, pharmaceuticals and infectious wastes are not technically regulated ICW, concerns over their safe and best disposal options remain and should be addressed in some way in this plan. Sharps waste is a form of medical waste comprised of items that are used to puncture or lacerate the skin. Common types of sharps include, but are not limited to, syringes and injection devices, blades, contaminated glass and some plastics.

1.8 Household Hazardous Waste

Perry County conducted one household hazardous waste (HHW) collection event in 2008/2009. The County contracted with Curbside Inc. to offer curbside collection of household hazardous waste. Residents were required to call to receive a container, place their items in the container

and call to arrange a pickup of the container. A co-pay of \$15 was charged to each participating household.

Items collected included:

- Aerosols
- Antifreeze
- Automotive batteries
- Corrosive acids & bases
- Flammable liquids, solids & adhesives
- Fluorescent light bulbs
- Garden chemicals
- Herbicides, fungicides, pesticides
- Indeterminate chemicals
- Oil-based paint (No latex paints)
- Oil filters
- Organic peroxides
- Oxidizing liquids & solids
- Poisonous liquids & solids
- Pool chemicals
- PCB ballasts & capacitors
- Reactive & non-reactive chemicals
- Used motor oil

Some of these materials are also accepted at private corporations, such as AutoZone, WalMart, Advance Auto Parts, etc. in neighboring Counties. These include:

- Automotive batteries
- Oil filters
- Used motor oil

See Chapter 4 for a more detailed description of the private recyclers in Perry County and the materials they accept. Information on latex paint disposal may be found in Appendix D.

1.9 Covered Devices (Electronics) Recycling

There are currently no sponsored electronics drop-off centers in the County. As part of this Plan Update, recommendations regarding electronics (e-waste) recycling will be included in Chapter 5. Details of the Covered Devices Recycling Act are presented in Appendix E.

The SWAC determined electronics recycling is a critical issue in Perry County in order to address the recovery of electronics under the Covered Device Recycling Act (Act 108 of 2010) and the related issue that waste collectors are not allowed to collect this material curbside. Based on this determination, this Plan Update will focus on making recommendations for electronics recycling over the ten (10) year planning period.

There are several private industries, in and around Perry County, that accept electronics for recycling, such as Goodwill Keystone Area, Best Buy, RadioShack, OfficeMax, Lowe's, Target, Staples, and Home Depot, to name a few. Residents are encouraged to contact these facilities to determine what materials they accept.

The Goodwill Keystone Area – Dell Reconnect location, located at 19 N. 2nd Street in Newport, will accept any brand of computer equipment in any condition from consumers and they will recycle it for free. They also accept just about anything that can be attached to a computer. A list of the items they accept is included in Appendix D. Residents are required to back up data and wipe the hard drive before dropping their items off at the facility.

Although Act 155 of 1994, The Household Hazardous Waste Funding Act, does not reimburse for the collection and transportation of items listed under the CDRA, it will reimburse up to 50 percent of the developmental and operational costs associated with collecting and transporting electronic items that are **NOT** covered under the CDRA. More information about registering an e-waste collection event is contained in Chapter 5.

Although not found under the CDRA, smoke detectors may pose an issue when it comes to disposal. Information on the proper disposal of smoke detectors may be found in Appendix D.

1.10 Residual Waste

Perry County generates small amounts of residual waste-that is, wastes (including sludges) generated by industrial, mining, agriculture, or water supply treatment facilities. While the County does not manage this waste for disposal, it bears mentioning because the County has disposed of 600 tons per year, on average, of residual waste annually since 2007. The total tonnage of residual waste disposed in 2013 (855 tons) represents approximately 7% of the overall total tonnage of waste disposed from Perry County for 2013 (12,429 tons).

1.11 Bulky Waste

Bulky wastes are those wastes that include household furnishings, and white goods or appliances such as stoves, refrigerators, washing machines, dryers, mattresses and box springs, rugs, lawn mowers, auto parts, etc. Some municipalities conduct bulky waste collection programs either weekly, monthly, semi-annually, annually or on an as-needed basis. The surveys conducted in 2014 concluded that 17 of the 30 municipalities have some form of cleanup event for bulky items. Most bulky wastes are disposed of at a solid waste facility or processed for resource recovery. The County illegal dump survey confirmed that white goods and other bulky items make up a significant portion of the waste at the identified 105 illegal dump sites in the County. White goods contain scrap metal and sometimes copper wiring making it economically beneficial for scrap dealers to recycle these wastes. However, white goods also contain PCB's in their capacitors and Freon gas in refrigeration units. These materials must be removed before recycling.

Table 1-2
Perry County Population Projections

| Municipality | 2010 Actual | 2015 | 2020 | 2025 | 2030 | 2035 |
|----------------------------|-------------|-------|-------|-------|-------|-------|
| Blain Borough | 263 | 246 | 247 | 247 | 248 | 248 |
| Bloomfield Borough | 1247 | 1090 | 1098 | 1106 | 1109 | 1111 |
| Buffalo Township | 1219 | 1135 | 1147 | 1157 | 1160 | 1163 |
| Carroll Township | 5269 | 5294 | 5363 | 5425 | 5443 | 5462 |
| Centre Township | 2491 | 2259 | 2289 | 2316 | 2324 | 2332 |
| Duncannon Borough | 1522 | 1495 | 1502 | 1508 | 1509 | 1511 |
| Greenwood Township | 998 | 1044 | 1054 | 1063 | 1065 | 1068 |
| Howe Township | 393 | 492 | 496 | 500 | 501 | 502 |
| Jackson Township | 547 | 540 | 545 | 550 | 551 | 553 |
| Juniata Township | 1412 | 1427 | 1445 | 1460 | 1465 | 1470 |
| Landisburg Borough | 218 | 190 | 190 | 191 | 191 | 191 |
| Liverpool Borough | 955 | 883 | 889 | 894 | 895 | 897 |
| Liverpool Township | 1057 | 972 | 982 | 991 | 994 | 997 |
| Marysville Borough | 2534 | 2424 | 2447 | 2467 | 2474 | 2480 |
| Miller Township | 1098 | 982 | 999 | 1013 | 1017 | 1022 |
| Millerstown Borough | 673 | 681 | 686 | 690 | 692 | 693 |
| New Buffalo Borough | 129 | 120 | 121 | 122 | 122 | 122 |
| Newport Borough | 1574 | 1466 | 1471 | 1476 | 1478 | 1479 |
| Northeast Madison Township | 786 | 861 | 871 | 880 | 883 | 885 |
| Oliver Township | 1931 | 2055 | 2072 | 2088 | 2092 | 2097 |
| Penn Township | 1931 | 2055 | 2072 | 2088 | 2092 | 2097 |
| Rye Township | 3225 | 3132 | 3159 | 3183 | 3190 | 3198 |
| Saville Township | 2364 | 2447 | 2471 | 2492 | 2498 | 2504 |
| Southwest Madison Township | 2502 | 2289 | 2318 | 2343 | 2351 | 2359 |
| Spring Township | 2208 | 2082 | 2107 | 2129 | 2136 | 2143 |
| Toboyne Township | 443 | 499 | 506 | 511 | 513 | 515 |
| Tuscarora Township | 1189 | 1182 | 1196 | 1209 | 1212 | 1216 |
| Tyrone Township | 2124 | 1852 | 1864 | 1875 | 1878 | 1881 |
| Watts Township | 1265 | 1222 | 1235 | 1248 | 1251 | 1255 |
| Wheatfield Township | 3334 | 3419 | 3457 | 3492 | 3502 | 3512 |
| TOTALS | 45969 | 44656 | 45111 | 45517 | 45638 | 45759 |

SOURCES: Tri-County Regional Planning Commission, Perry County 2015 Comprehensive Plan

CHAPTER 2 - DESCRIPTION OF FACILITIES

This section describes the facilities that are currently being used to manage the municipal solid waste (MSW) generated in Perry County.

2.1 Existing Waste Disposal Facilities

There are no current waste disposal facilities located in Perry County. The majority of Perry County waste has been disposed of at the following landfills over the past five years: Cumberland County Landfill, Susquehanna Resource Management Complex (SRMC, formerly the Harrisburg WTE) and Mountain View Reclamation Landfill.

Local haulers offer residents in Perry County the option to purchase bags for both waste disposal and recyclables. These bags may be placed along designated routes on designated days for curbside collection by the hauler. Buy-A-Bag locations for Cocolamus Creek Disposal (CCD) bags are located in Appendix D.

As the result of a Disposal Capacity Interest Letter sent out in late 2014 as part of the 2015 Plan Update, the following disposal facilities are tentatively listed as designated disposal facilities to take Perry County MSW starting in 2015 and continuing through 2025, subject to execution of disposal capacity agreements with Perry County. Waste from Perry County may still be disposed of at any permitted disposal facility, but the following disposal facilities have contracted with Perry County to assure disposal capacity over the ten year planning period. A sample of that disposal capacity agreement is located in Appendix A. The selected MSW disposal facilities that provide disposal capacity assurance over the ten year planning period and therefore are part of this plan tentatively include:

- Clinton County Landfill
- Cumberland County Landfill
- Mountain View Reclamation Landfill
- Laurel Highlands Landfill
- Susquehanna RMC WTE
- Lancaster County WTE

2.2 Existing Waste Transfer Stations

There is currently no waste transfer station located in Perry County. As the result of the Disposal Capacity Interest Letter sent out in late 2014 as part of the 2015 Plan Update, three (3) waste transfer facilities are tentatively designated to accept and transfer Perry County waste from the period of 2015 through 2025, as part of the County's integrated waste management system, subject to execution of municipal waste transfer agreements with Perry County. Waste from Perry County may still be disposed of at any permitted transfer facility, but the following transfer facilities have contracted with Perry County to assure proper labeling of Perry County waste over the ten year planning period. A sample of the transfer station agreement is included in Appendix A. The three (3) selected transfer stations are:

- Waste Management's (WM) Camp Hill Transfer Station
- Mifflin County SWA Transfer Station
- Advanced Disposal's Diller Transfer Station

2.3 Perry County Yard Waste Composting and Recycling Facilities

2.3.1 Organics Management Facilities in Perry County

Duncannon Borough and Millerstown Borough have a municipal compost site to manage the yard waste collected from its residents. There are no other known compost facilities within the County at the time of adoption of this Plan.

2.3.2 Recyclables Drop-off Sites

There ~~are~~is the following public recyclables drop-off sites located throughout the County:

- Carroll Township
- Millerstown/Greenwood Township
- Oliver Township
- Centre Township
- Tyrone Township
- Duncannon Borough/Penn Township
- Rye Township

- Wheatfield Township
- Toboyne Township (Bureau of Forestry Office)
- Toboyne Township (Fowler's Hollow State Park)

2.4 Permitted Sites for Agricultural Utilization of Biosolids

Chapter 1, Section 1.4, summarized the current biosolids management system. The following is a list of Pennsylvania Department of Environmental Protection (PADEP) permitted land application sites that are located in Perry County. Although the following list of land application sites are permitted through the PADEP, not all sites currently accept material from Perry County.

- Richard Farm
- Richard View Farm
- John Delancey Farm
- George & Rebecca Brubaker Farm
- Dean Stephens Farm 4 Farm
- Jeff Mowrer Farm
- John Gothel Farm
- Larry Sarver Farm
- Jack Coble Farm
- Ronald Grosso Farm

2.5 Consideration of Existing Facilities

Chapter 271 mandates that the County Plan must consider facilities which meet the definition of "existing facility". In Section 5 of the Plan update, the selection and justification of the municipal waste program is outlined. In order to minimize the effect on landfill capacity of reserving space for Perry County waste and to allow for flexibility for backup capacity, Perry County decided to utilize multiple disposal facilities. This action is also expected to help maintain competition in the area. Perry County's Plan is intended not to interfere with any existing facility's effort to find other customers or to expand their facilities.

2.6 Facilities Designated in the Plan

For purposes of this Plan update, the designated facilities that are contracted with Perry County and which municipalities and licensed haulers may use, based upon receipt of capacity assurance information, are as follows:

- Clinton County Landfill
- Cumberland County Landfill
- Mountain View Reclamation Landfill
- Laurel Highlands Landfill
- Susquehanna RMC WTE
- Lancaster County WTE

Again, it is to be noted that municipalities and haulers may dispose of waste from Perry County residents at any licensed disposal facility, but the facilities listed above have contracted with Perry County to assure disposal capacity over the ten year planning period.

2.7 Other Private Regional Facilities

There are a number of operations in or near the County accepting and processing electronics, hazardous waste, and C&D waste materials. The Dauphin County Recycling Center is a good resource for residents of Perry County to recycle their unwanted or obsolete electronics or appliances and old thermostats containing mercury. They also have an on-site confidential document shredding service. According to the Dauphin County website, the facility is open to residents of Dauphin County, out-of-County residents, businesses, institutions, and local governments. A few of the local facilities and the items recycled by these operations include, but are not limited to:

- Automotive and Other Fluids (i.e. Antifreeze, Brake Fluid, etc.) – Blain Tire and Auto, Maguire’s Ford, Smith’s Farm Equipment, Smith’s Tire and Service Center and many other local garages (call to verify)
- Rechargeable Batteries – RadioShack, Best Buy, Sears, Lowes, Home Depot, Staples, Verizon, Target, etc.
- Fluorescent Bulbs – Conservation District Office, Bethlehem Lamp Recycling
- Mercury Thermostats – Conservation District Office
- Vinyl Siding, PVC Pipe and Fencing – Sherman’s Valley Recycling
- Ag Plastic – Zook’s Plastic Recovery
- #5 Plastic – Mail #5 plastics to Gimme 5

- Used Cards – St. Jude’s Ranch for Children, Recycled Card Program
- Tires – Mahantango Enterprises
- Scrap Metal –Red Barn Recycling
- Televisions – Dauphin County Recycling Center, Best Buy
- Computers and Computer Peripherals – Goodwill Industries, Dauphin County Recycling Center, Best Buy

Information for these facilities, including contact information can be found on the Perry County Conservation District website. The website contains a list of outlets for hard to recycle items. Residents can also call Sally Tengeres at the Conservation District, 717-582-8988, ext. 4 and/or the PROP recycling hotline at 717-236-0800. Please note that if the PROP recycling hotline does not have information on the material a resident desires to recycle, they will direct the resident to call the Perry County Conservation District.

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CHAPTER 3 - ESTIMATED FUTURE CAPACITY

Perry County includes nine (9) boroughs and twenty-one (21) townships with a County population of 45,969 persons (2010 United States Census). Over a recent five-year period (2009 – 2013), the majority of Perry County municipal wastes were transported to two (2) landfills and a waste-to-energy facility. A listing of these disposal sites, along with the tonnages of Perry County MSW accepted each year between 2009 and 2013, are presented in Table 3-1. The three disposal facilities that accepted most of the County’s MSW for disposal during this recent time period are shaded in Table 3-1.

**TABLE 3-1 – Perry County Municipal Waste
Accepted at Processing and Disposal Facilities (2009 – 2013)**

| Site Name | County | Year/Tonnage ¹ | | | | | |
|--|------------|---------------------------|--------|--------|--------|-------|--------------|
| | | 2009 | 2010 | 2011 | 2012 | 2013 | 5 year total |
| SRMC (formerly Harrisburg WTE) | Dauphin | 6,062 | 5,321 | 4,427 | 2,661 | 1,625 | 20,096 |
| IESI Blue Ridge LF | Franklin | 312 | | 150 | 158 | 102 | 722 |
| Cumberland County LF | Cumberland | 10,124 | 9,008 | 9,031 | 8,976 | 6,144 | 43,283 |
| Mountain View Reclamation | Franklin | 116 | | 1,486 | 1,670 | 1,568 | 4,840 |
| Pine Grove LF | Schuylkill | 2,531 | 2,138 | 506 | | | 5,175 |
| Sandy Run Landfill | Bedford | 770 | 885 | 77 | | | 1,732 |
| Modern LF | York | | 12 | | | | 12 |
| Lycoming County LF | Lycoming | | 2 | 2 | 41 | 2 | 47 |
| Commonwealth Environmental Systems/Keystone | Schuylkill | | | 22 | 1 | | 23 |
| Advanced Disposal Services Greentree Landfill | Elk | | | | 24 | | 24 |
| Total | | 19,915 | 17,366 | 15,701 | 13,531 | 9,441 | |

Source: PADEP Waste Origin/ Destination Landfill Summary Reports

¹. Tonnages do not include residual, sewage sludge, ICW, C&D, Ash or Asbestos waste and also does not include recyclable materials and organics that have been diverted from disposal through recycling and composting.

3.1 Future County Population Projections

Municipal waste generation is a function of a number of socio-economic factors, including population. Table 3-2 shows the County population, based on the 2010 Census information and population estimates and forecasts for Perry County from 2011 through 2030. These population forecasts were extracted from the 2015 Perry County Comprehensive Plan.

TABLE 3-2 – HISTORIC AND PROJECTED POPULATIONS FOR PERRY COUNTY

| YEAR | POPULATION |
|------|------------------------|
| 2010 | 45,969 Actual (Census) |
| 2011 | 45,706 |
| 2012 | 45,443 |
| 2013 | 45,180 |
| 2014 | 44,917 |
| 2015 | 44,656 |
| 2016 | 44,747 |
| 2017 | 44,838 |
| 2018 | 44,929 |
| 2019 | 45,020 |
| 2020 | 45,111 |
| 2021 | 45,192 |
| 2022 | 45,273 |
| 2023 | 45,354 |
| 2025 | 45,517 |
| 2030 | 45,638 |

Sources: U.S. Census of Population, 2010.

Forecasts: 2015 Perry County Comprehensive Plan, Population

As Table 3-2 illustrates, the County is forecast to have a slight growth of population over the ten (10) year planning period. Perry County's projected population from 2015 to 2025 is projected to increase by 861 persons, or approximately 2 percent increase over ten (10) years.

3.2 Waste and Recyclables Projections

The three primary sources of data used in making projections of the amount of municipal wastes generated in the thirty (30) municipalities of Perry County are: the population projections from the 2015 Perry County Comprehensive Plan (Table 3-2); Re-TRAC data on recyclables and organics diverted from disposal through recycling/ composting (Table 3-3), and; Perry County-generated tons of MSW disposed, taken from Pennsylvania Department of Environmental Protection's (PADEP) Waste Origin/Destination Landfill Summary Reports from 2009 through the year 2013 (Tables 3-1 and 3-3).

The estimates and projections of municipal waste generated in Perry County, presented in Table 3-4, were computed by taking into consideration historic per capita waste and recycling generation rates and applying these rates to the projected County population for years 2015 through 2030 (with some special considerations, that will be discussed in this chapter). The per capita generation rates were calculated by taking the net waste disposal tonnage data contained in the PADEP Waste Origin/Destination Reports for years 2009 through 2013 (2013 data on recyclables tonnages were not available at the time that per capita projections were calculated), taking the reported tonnages of recyclables/organics diverted from disposal from Re-TRAC reports, and dividing the five-year averages of these tonnages (from Table 3-3) by the estimated population of Perry County during that time period, assumed for the purposes of these calculations to be the year 2010 U.S. Census population for Perry County (since the County's population is quite stable at the present time). These calculated per capita waste generation rates for each waste and recyclables category were then multiplied by yearly population projections for years 2015 through 2030, to estimate waste and recyclables tonnages generated by Perry County over the planning period (with some special considerations/ adjustments). These waste and recyclables/organics projections, through year 2030, are presented in Table 3-4.

3.3 Per Capita Waste Generation Rates

During the 5-year period of 2009 through 2013, it is estimated that Perry County generated an average total of approximately 32,000 tons per year (TPY) of municipal solid wastes (all categories) and recyclables/ organics, of which approximately 16,000 tons were reportedly landfilled or diverted each year.

Typical Municipal Solid Waste disposed of by Perry County residents, which includes residential, commercial and institutional waste, but not including recyclables/ organics diverted

from disposal, averaged 15,191 TPY from 2009 through 2013. Using the 2010 U.S. Census population of 45,969 for Perry County, the **net MSW per capita** rate for municipal waste generation from 2009 through 2013 averaged approximately **0.331 tons per capita per year**. The national average per capita waste generation rate is 0.5 tons per capita per year for typical MSW.

B&L evaluated the waste generation of seven counties surrounding Perry County (Mifflin County, Juniata County, Snyder County, Cumberland County, Huntingdon County, Franklin County, and Dauphin County) and determined the average MSW waste generation rate in these counties is approximately 0.5 tons per capita per year, which is congruent with the national average MSW waste generation rate. B&L assumed, based on the geographic region of Perry County that residents may generate the same amount of MSW as the surrounding counties.

Assuming residents of Perry County generate closer to **0.5 tons per capita per year of typical MSW**, it is assumed the difference between the 0.331 tons per capita per year and the 0.5 tons per capita per year, being generated in Perry County is either being disposed of illegally in the County, burned, or mislabeled as out-of-County waste. It was observed that five of the seven Counties reported waste disposal tonnages which exceeded the average 0.5 tons per capita per year. Additionally, all of the Counties that reported waste disposal tonnages exceeding the average per capita rate also had one or more disposal facilities located in that County (including transfer stations).

Based on a knowledge of disposal facilities surrounding Perry County, in particular transfer stations, it is assumed that the majority of the waste that makes up the difference between 0.331 tons per capita per year and the 0.5 tons per capita per year is being disposed of legally at transfer stations and disposal facilities, but is being mis-labeled as out-of-County waste. A waste hauler that disposes of waste at a transfer station is required to declare where their load of waste came from. Unfortunately, it is the responsibility of transfer stations to report this breakdown when their loads are delivered to a disposal facility. A truck from a transfer station may be loaded with waste from multiple counties. It is assumed that waste haulers from the transfer station often report the waste as originating from the County in which the transfer station is located, as this is easier to report than multiple Counties with varying breakdowns. There are currently no reports available through PADEP that details the waste receipts from

transfer stations by County of origin. Waste destination reports (which only show waste disposal at landfills and WTE facilities by County of origin) from PADEP have shown large swings in waste disposal from a single County over a five year period. Subsequently, these large swings are often also seen in surrounding counties. Therefore, it is assumed that the majority of Perry County waste that is not reported through the waste destination reports to PADEP is being disposed of at waste disposal facilities in surrounding counties and not reported as Perry County waste.

Additionally, to demonstrate that the reduction in waste generation from 2012 to 2013 is not a product of population decline, B&L evaluated the population projections for Perry County in 2012 and 2013, in relation to the MSW waste generation rate. Perry County disposed of approximately 9,400 tons of MSW in 2013. This was approximately 4,100 tons less than the MSW reportedly disposed of by Perry County in 2012. The population was estimated to have decreased by 263 people between 2012 and 2013. Applying the same MSW per capita generation rate as discussed above (0.5 tons per person per year), the decrease in population may only account for approximately 130 tons of MSW.

Based on the waste generation from 2009 through 2013, the mis-labeling of waste, burning of waste, and illegal disposal of waste is equivalent to an estimated average of 7,800 tons annually of typical MSW in Perry County.

Sewage Sludge (the fraction that is dewatered and landfilled, but excluding land-applied liquid sludge) averaged 614 tons annually from 2009 through 2013. Based on the year 2010 U.S. Census population, the average per capita waste generation rate for dewatered and landfilled sewage sludge was **0.013 tons per capita per year**.

Infectious and Chemotherapeutic Waste (ICW) generated by Perry County and disposed in landfills averaged 0 tons annually from 2009 through 2013. Based on the year 2010 U.S. Census population, the average per capita waste generation rate for this waste material disposed in landfills was **0 tons per capita per year**.

Construction and Demolition Waste (C&D) generated by Perry County and disposed in landfills averaged 3,321 tons annually from 2009 through 2013, or **0.072 tons per capita per year**.

If C&D waste diversion increases through recycling initiatives, over the ten (10) year planning period, the Plan projects that C&D waste disposal **will slowly decrease between 2017 and 2025 at a rate of approximately 200 tons per year**. Although it is anticipated that C&D disposal will decrease over the planning period, as C&D recycling is increased, this fluctuation has not been accounted for in the projections. It is difficult to estimate when the C&D recycling programs will take place and to what extent they will be successful, therefore, estimates do not reflect these programs in order to demonstrate a worst case scenario.

The Ash Residue component of Special Municipal Wastes generated by Perry County and disposed in landfills averaged 0 tons annually from 2009 through 2013. Based on the year 2010 U.S. Census population, the average per capita waste generation rate for this waste material was **0 tons per capita per year**.

The Asbestos component of Special Municipal Wastes generated by Perry County and disposed in landfills averaged 6 tons annually from 2009 through 2013. Based on the year 2010 U.S. Census population, the average per capita waste generation rate for this waste material was **0.00012 tons per capita per year**.

Non-hazardous industrial waste (residual wastes) tonnages are not a component of municipal wastes, and this plan deals with municipal wastes as defined by Act 101 of 1988. However, it is noted that residual waste generated within Perry County and disposed annually, averaged 602 tons per year from 2009 through 2013. Based on the year 2010 U.S. Census population, the average per capita waste generation rate for this waste material was approximately **0.013 tons per capita per year**. Although residual waste generation makes up a small fraction of the Perry County waste stream, the future generation of residual wastes in Perry County is included in the waste projection tables for convenience.

**TABLE 3-3 – TONNAGES OF PERRY COUNTY WASTE (BY WASTE TYPE) AND
RECYCLABLES/ ORGANICS DISPOSED/DIVERTED, 2009 – 2013 (In Tons)**

| Waste Type | Year | | | | | 5-Year |
|--|--------|--------|--------|--------|--------|---------|
| | 2009 | 2010 | 2011 | 2012 | 2013* | Average |
| Typical Residential, Commercial, Institutional MSW | 19,915 | 17,367 | 15,702 | 13,529 | 9,441 | 15,190 |
| Recyclables & Organics Diverted | 741 | 1,076 | 1,301 | 1,461 | 0 | 1,144 |
| SUBTOTAL - Typical MSW + Recyclables/ Organics | 20,656 | 18,443 | 17,003 | 14,990 | 9,441 | 16,106 |
| Recycling Diversion, as a % of Typical MSW + Recycling | 3% | 6% | 8% | 10% | 0% | 7% |
| | | | | | | |
| Sewage Sludge | 671 | 639 | 576 | 526 | 658 | 614 |
| Infectious/ Chemo. | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction/ Demo. | 3,120 | 3,189 | 4,169 | 4,651 | 1,474 | 3,320 |
| Ash Residue | 0 | 0 | 0 | 0 | 0 | 0 |
| Asbestos | 0 | 0 | 6 | 22 | 0 | 6 |
| TOTAL – All Categories of Municipal Waste + Recycling | 24,447 | 22,271 | 21,754 | 20,189 | 11,573 | 20,046 |
| | | | | | | |
| Residual Waste | 436 | 399 | 725 | 594 | 855 | 602 |
| | | | | | | |
| TOTAL – Municipal Waste, All Types + Recycling/ Organics + Residual Waste | 24,883 | 22,670 | 22,479 | 20,783 | 12,428 | 20,648 |

Sources: PADEP Waste Origin/Destination Reports; Re-TRAC Reports.

* The 2013 recycling and composting data was not available at the time of projections.

3.4 Per Capita Recyclables Generation Rate

The amount of material recycled or otherwise diverted from disposal in Perry County has remained fairly consistent between 2010 and 2012, at approximately 1,100 tons per year (TPY). It is assumed that Perry County recycles more than the reported tonnage annually, but that recycling tonnages do not always get reported to the Recycling Coordinator for input into the Re-TRAC system. The low recycling tonnage reported in Perry County is most likely attributed to a difficulty obtaining accurate recycling tonnage totals from generators and the illegal dumping and open burning of recyclables. The majority of recyclables collection and processing in Perry County is managed by the private sector, thus requiring municipalities and/or the County to obtain the recycling tonnages from private industry for accurate reporting.

As presented in Table 3-3, the estimated recycling rate for Perry County in 2012 was 10%. The average recycling rate over the past five years was 7%. The recyclables and organics component of typical MSW that is reported by Perry County and diverted from landfill disposal averaged 1,145 tons annually from 2009 through 2013. Based on the year 2010 U.S. Census population, the average per capita generation rate for recyclables and organics that have been diverted from disposal and reported in Perry County, was approximately **0.025 tons per capita per year**.

The national average per capita recyclables diversion rate is 0.3 tons per capita per year for typical MSW. B&L assumed, based on the geographic region of Perry County that residents may generate slightly less than the national average for recyclables diversion. B&L assumed residents of Perry County may generate closer to **0.2 tons per capita per year** of recyclables and organics. The difference between 0.025 tons per capita per year and 0.2 tons per capita per year is assumed to be illegally disposed of, burned, landfilled, or diverted, but not captured in recycling tonnage reports by the municipalities and Perry County. Recyclables collected in Perry County by businesses, collection events and/or drop-offs may not be reported to the County by the private haulers that collect this material. It is assumed this may account for the lower than expected recyclables tonnages reported in Re-TRAC annually. Based on the recyclables diversion from 2009 through 2013, the burning of recyclables, illegal disposal of recyclables, landfilling of recyclables, and missed capturing of recyclables tonnages is equivalent to an estimated average of 8,000 tons annually of recyclables and organics in Perry County. It is assumed that the majority of this tonnage (8,000 tons) is currently landfilled or captured, but not reported to the municipalities and/or the County.

Based on the waste generation in 2014 (30,364), net of recyclables diverted, it is estimated that approximately 8,900 tons of Act 101 recyclable materials (including electronics and HHW) are available in the Perry County waste stream, annually, for capturing and processing.

Perry County recently reduced their financial contribution to recycling programs throughout the County which resulted in a reduction of the number of drop-offs available to residents of the County. The recycling programs in Perry County are estimated to change over the ten (10) year planning period, due to the support of an Integrated Waste and Recyclables Management Program by local haulers and disposal facilities. The Perry County Conservation District, that now serves as the County's Recycling Department and, in essence, the Recycling Coordinator and which is now responsible for managing various recycling programs in Perry County (if developed), is striving to enhance the recycling programs in Perry County. The Perry County Conservation District, in coordination with the Perry County SWAC members, have compiled a list of initiatives, goals and programs that may be developed in order to try to enhance and sustain the recycling programs, as well as identify options for residents that have had recycling programs eliminated. These programs, efforts and goals are included in Chapter 5 and in Appendix A.

The Plan Update is providing the tools (via ordinance templates) to expand optional curbside recyclables collection programs for private "subscription" customers to other municipalities in Perry County. If curbside recyclables collection, in non-mandated communities, increases across Perry County, the county recycling rate may increase over time (recycling rates generated by recyclables drop-off services in these communities would likely be notably lower than they may be with more widespread curbside recyclables collections).

In summary, recycling programs and practices in Perry County were, and still are, in a state of transition. It is believed more recyclables are being collected in Perry County by the private sector, but not accurately reported to the representative municipality, therefore, the actual 5-year average may be closer to 10% or 15%, versus 7%. However, it is projected that new recycling programs may result in a slow but steady growth in tonnages recycled over the planning period, and an increase in the recycling rates. The next section of this report addresses future recycling projections.

3.5 Future County Municipal Waste Generation Projections

Table 3-4 presents the annual MSW waste generation and recyclables diversion estimates/projections for the County, from 2010 through 2030. These projections are tied to the population projections from Table 3-2 and the per capita waste generation figures developed in Section 3.3 and Section 3.4 of this chapter. The total waste generated in Perry County, including recyclables, is assumed to remain relatively steady over the ten (10) year planning period, due to stable populations and the current state of the economy observed in Perry County over the past five (5) years.

The recycling projections calculated in Table 3-4 were computed based on a continuation of year 2013 anticipated recycling activities, reflected by a per capita recyclables/ organics diversion rate of 0.03 tons per capita per year; this assumption is believed to be valid considering the diminished contribution from the County for recycling programs now in effect in Perry County, at least for a transitional period until new, cost-effective recycling programs can be developed and implemented with the assistance of the Perry County Conservation District. It is anticipated that recycling will steadily increase from 10% in 2012 to 18% in 2025 and will then continue to increase to 25% by 2030.

Municipal wastes that are not diverted/ recycled must be processed/ disposed. It is believed that the 5-year average per capita waste generation rates for the multiple fractions of MSW generated (described in Section 3.3) is a valid basis for projecting future waste generation and disposal tonnages. Waste projections in Table 3-4 are based on a five-year average from 2009 through 2013, plus an additional annual tonnage from diverting waste from illegal dumpsites and open burning practices to proper disposal facilities.

As presented in Table 3-4, net County-generated MSW, including residential/ commercial/ institutional waste requiring disposal (after waste diversion and recycling), is projected to decrease steadily over the ten (10) year planning period, due to a projected increase in recycling efforts.

Nationwide, there is a growing trend to recycle more C&D waste. “Deconstruction and recycling” is becoming more common than the old “demolition and disposal” practices. Currently, C&D waste that is diverted through recycling in Perry County is not included in the

recyclables diversion tonnages or recycling rate reported for Perry County, nor is it reported on the annual Re-TRAC Reports. The Plan Update projects that recycling of C&D waste will grow over time, and that the County's C&D waste tonnage requiring disposal will decrease by approximately 200 tons per year over the ten (10) year planning period. The growing C&D recycled tonnage has not been included in the recycling diversion tonnage totals projected in Table 3-4, since it has not been included in previous years and will not appear on the annual Re-TRAC Report.

Special Handling Waste categories of MSW (those that require special handling provisions), including sewage sludge, ICW, ash residue, and asbestos, are projected to have a relatively steady combined disposal capacity need over the ten (10) year planning period of approximately 600 TPY.

When considering the disposal capacity needs for Perry County's MSW, and when procuring this disposal capacity through an interest letter for disposal capacity, it is prudent to consider the need to accommodate approximately 30,000-40,000 TPY of MSW disposal capacity each year, plus some additional allowance for disposal of currently diverted recyclables and organics (all categories of municipal waste), to provide for contingencies over the ten (10) year planning period of this Plan Update from 2015 to 2025. Conservative disposal capacity requirements have been included in the Interest Letter for Disposal Capacity, further discussed in Section 3.8.

3.6 Possible Variations in Future Waste Generation Projections

The primary variables which can affect actual MSW waste generation/ disposal tonnages in Perry County in the future are:

- Population loss or gain
- Changes in recycling activities and opportunities in Perry County
- Changes in product packaging trends
- Increases in waste reduction programs, striving toward "zero waste disposal"
- Addition of non-mandated municipality recycling programs and drop-off facilities
- Increases in recyclable materials recovery rates
- Expansion of materials diverted/ recycled, including implementation of food waste recovery programs

- Economic factors; the Plan's waste generation estimates reflect a stable level, but not growth, in commercial/ business development
- Municipal burning bans, which may result in additional tons of waste requiring disposal

Product packaging, although criticized in recent years as being excessive, is still very sensitive to the demands of the marketplace in relation to consumer convenience, consumer manufacturing protection, and retail theft, which, in turn, are in response to the pressures and demands of current day society. Consumer convenience has been "revolutionized" by the microwave oven and single serve packaging which has mushroomed from the use of this modern appliance. Product tampering and the attendant lawsuits have resulted in increased packaging of some food and medicinal products. Retail theft contributes to over packaging of smaller items, the blister pack being an outgrowth of this societal problem. These product packaging tendencies along with a forecast of increases in "disposable" health care items and other products will tend to offset waste reduction programs. An edition of EPA's Recycling Times indicated that the amount of waste Americans generate will continue to escalate if no source reduction measures are taken. Thus, the opinion expressed herein, that source reduction measures instituted as a result of this plan will equally offset increased municipal waste generation rates (expressed as a per capita waste generation value), appears to be a reasonable approach to take for planning purposes.

One of the most effective ways to both increase recycling and reduce waste volume is to implement pay-as-you-throw volume-based waste collection programs. This is one of a number of recommendations in this Plan Update.

The County's recycling activities and programs are in a state of transition at this time, as the Perry County Conservation District works with local municipalities and the private sector to determine which programs can be sponsored and which programs and sites can be added and/or expanded through other sponsors. By steadily increasing recycling rates annually from a recycling rate of 10% in 2012, the Plan Update takes into account that the recycling programs offered in Perry County are in transition and will be expanding over the course of the ten (10) year planning period.

If future recycling efforts, initiated by the Perry County Conservation District, municipalities, haulers and the business community exceed the recycling rates that are projected over the next 10-15 years, slightly less capacity may be required for processing/disposal of the balance of Perry County's municipal waste stream than is noted in Table 3-4.

3.7 Total Contracted Disposal Capacity Needs and Solicitation

Realizing that the County must ensure long-term disposal capacity, an Interest Letter for Disposal Capacity Assurance was prepared and distributed to facilities that accept the majority of Perry County waste historically. Refer to Appendix A for a copy of the Interest Letter. This document solicited responses from six (6) disposal facilities to provide disposal services to Perry County, for a maximum period of ten (10) years, with a 5-year initial term and an optional renewal after five (5) years. The Interest Letter stated that the County will require a combined municipal waste disposal capacity of up to 28,600 tons per year of municipal waste (including residential/commercial/institutional waste, C&D waste, infectious/chemotherapeutic (ICW) waste, asbestos, sewage sludge and other "special handling" waste) during the ten year planning period. Over the past six (6) years, the highest annual tonnage total for municipal waste was approximately 27,000 tons.

Based on B&L's current waste projections (Table 3-4), Perry County is projected to generate for disposal, from the waste categories of residential/ commercial/ institutional MSW, C&D waste, sewage sludge, ICW, ash residue, and asbestos a combined total need of approximately 33,400 tons in 2015; adding in residual waste disposal needs, this total need is approximately 33,900 tons in 2015. The equivalent projections for year 2025 are 31,400 and 32,000 tons per year of disposal needs, respectively. These projections include an increase in recycling from the reduction of illegal dumping and open burning in Perry County and the increase in recycling reporting over the ten (10) year planning period.

Therefore, the waste tonnage guaranteed from the respondent disposal facilities to the Interest Letter is adequate to meet the MSW disposal needs of the County during the ten (10) year planning period. Chapter 6 contains a summary of the results of the Interest Letter and the decisions made regarding selection of processing/ disposal sites. It is noted that haulers operating in Perry County are permitted, as part of this Plan Update, to take waste generated by Perry County residents and businesses to any disposal facility with the appropriate permitting

through PADEP. The facilities named in this Plan Update have historically taken the majority of Perry County waste and were solicited by Perry County to provide disposal capacity assurance over the ten (10) year planning period, as required by Pa. Code Title 25 Chapter 272, Section 272.225 Regulations.

Table 3-5 Waste Disposal Capacity Assurance (Tons)

| Facility | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Clinton County Landfill | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 |
| Cumberland County Landfill | 33,931 | 33,782 | 33,632 | 33,482 | 33,330 | 33,178 | 32,797 | 32,635 | 32,473 | 32,309 | 32,146 |
| WM Laurel Highlands Landfill | 26,000 | 26,000 | 26,000 | 26,000 | 26,000 | 26,000 | 26,000 | 26,000 | 26,000 | 26,000 | 26,000 |
| WM Mountain View Reclamation Landfill | 28,635 | 28,635 | 28,635 | 28,635 | 28,635 | 28,635 | 28,635 | 28,635 | 28,635 | 28,635 | 28,635 |
| SRMC | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 |
| Lancaster County WTE | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 |
| Total Disposal Capacity Assurance | 172,566 | 172,417 | 172,267 | 172,117 | 171,965 | 171,813 | 171,432 | 171,270 | 171,108 | 170,944 | 170,781 |
| Projected Generation For Disposal (MSW, C&D, Sewage Sludge, ICW, Ash, Asbestos and Residual) | 33,901 | 33,708 | 33,557 | 33,396 | 33,225 | 33,044 | 32,846 | 32,638 | 32,419 | 32,191 | 31,953 |
| Recycling Diverted | 1,771 | 2,036 | 2,260 | 2,494 | 2,737 | 2,991 | 3,254 | 3,527 | 3,810 | 4,103 | 4,406 |
| Total Potential Capacity Needs | 35,672 | 35,744 | 35,817 | 35,890 | 35,962 | 36,035 | 36,100 | 36,164 | 36,229 | 36,293 | 36,359 |
| Capacity Needs Met | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

TABLE 3-4 – WASTE AND RECYCLING PROJECTIONS, 2010 – 2030 (In Tons)

| Waste Type | Year | | | | | | | | | | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2030 |
| County Population | 45,969 | 45,706 | 45,443 | 45,180 | 44,917 | 44,656 | 44,747 | 44,838 | 44,929 | 45,020 | 45,111 | 45,192 | 45,273 | 45,354 | 45,435 | 45,517 | 45,638 |
| | | | | | | | | | | | | | | | | | |
| | Tons | Tons | Tons | Tons | Tons | Tons | Tons | Tons | Tons | Tons | Tons | Tons | Tons | Tons | Tons | Tons | Tons |
| Typical Residential, Commercial, Institutional MSW Generated (including Recyclables) ¹ | 32,178 | 31,994 | 31,810 | 31,626 | 31,442 | 31,259 | 31,323 | 31,387 | 31,450 | 31,514 | 31,578 | 31,634 | 31,691 | 31,748 | 31,805 | 31,862 | 31,947 |
| Typical Residential, Commercial, Institutional MSW Generated (not including recyclables) | 22,985 | 22,853 | 22,722 | 22,590 | 22,459 | 22,328 | 22,374 | 22,419 | 22,465 | 22,510 | 22,556 | 22,596 | 22,637 | 22,677 | 22,718 | 22,759 | 22,819 |
| Estimated Typical MSW (not including recyclables) Disposed Legally | 17,367 | 15,702 | 13,529 | 9,441 | 14,843 | 14,757 | 15,661 | 16,142 | 16,624 | 17,108 | 17,593 | 18,077 | 18,562 | 19,049 | 19,537 | 20,027 | 22,819 |
| Estimated Typical MSW (not including recyclables) Disposed Illegally/Mis-labeled | 5,618 | 7,151 | 9,193 | 13,149 | 7,615 | 7,571 | 6,712 | 6,277 | 5,841 | 5,402 | 4,962 | 4,519 | 4,075 | 3,628 | 3,180 | 2,731 | 0 |
| Estimated Recyclables & Organics in Waste Stream | 9,194 | 9,141 | 9,089 | 9,036 | 8,983 | 8,931 | 8,949 | 8,968 | 8,986 | 9,004 | 9,022 | 9,038 | 9,055 | 9,071 | 9,087 | 9,103 | 9,128 |
| Estimated Recyclables & Organics Diverted | 1,076 | 1,301 | 1,461 | 1,125 | 1,781 | 1,771 | 2,036 | 2,260 | 2,494 | 2,737 | 2,991 | 3,254 | 3,527 | 3,810 | 4,103 | 4,406 | 7,758 |
| Estimated Recyclables & Organics Remaining (Not Reported/Illegally Disposed/Landfilled) | 8,118 | 7,840 | 7,628 | 7,911 | 7,202 | 7,160 | 6,913 | 6,708 | 6,492 | 6,267 | 6,031 | 5,785 | 5,528 | 5,261 | 4,984 | 4,697 | 1,369 |
| Recyclables Diversion, as a % of Typical MSW + Recycling | 6% | 8% | 10% | 11% | 11% | 11% | 12% | 12% | 13% | 14% | 15% | 15% | 16% | 17% | 17% | 18% | 25% |
| | | | | | | | | | | | | | | | | | |
| Estimated Sewage Sludge Generated | 639 | 576 | 526 | 658 | 600 | 596 | 598 | 599 | 600 | 601 | 603 | 604 | 605 | 606 | 607 | 608 | 610 |
| Estimated ICW Generated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estimated C&D Waste Generated | 3,189 | 4,169 | 4,651 | 1,474 | 3,245 | 3,226 | 3,232 | 3,239 | 3,245 | 3,252 | 3,259 | 3,264 | 3,270 | 3,276 | 3,282 | 3,288 | 3,297 |
| Estimated Ash Generated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estimated Asbestos Generated | 0 | 6 | 22 | 0 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 |
| Total - All Categories of Special Handling Waste (not including C&D) | 639 | 582 | 548 | 658 | 606 | 602 | 603 | 604 | 606 | 607 | 608 | 609 | 610 | 611 | 612 | 614 | 615 |
| Total - All Categories of Municipal Waste + Recycling | 36,006 | 36,745 | 37,009 | 33,758 | 35,292 | 35,087 | 35,158 | 35,230 | 35,301 | 35,373 | 35,444 | 35,508 | 35,572 | 35,635 | 35,699 | 35,763 | 35,858 |
| Total - All Categories of Municipal Waste (Net of Recycling) | 34,930 | 35,444 | 35,548 | 32,633 | 33,511 | 33,316 | 33,122 | 32,970 | 32,808 | 32,636 | 32,453 | 32,254 | 32,045 | 31,826 | 31,596 | 31,357 | 28,100 |
| | | | | | | | | | | | | | | | | | |
| Total Residual Waste Generated | 399 | 725 | 594 | 855 | 602 | 585 | 586 | 587 | 588 | 589 | 591 | 592 | 593 | 594 | 595 | 596 | 597 |
| | | | | | | | | | | | | | | | | | |
| Total - Municipal Waste, All Types + Recycling/Organics + Residual Waste | 36,405 | 37,470 | 37,603 | 34,613 | 35,894 | 35,671 | 35,744 | 35,817 | 35,890 | 35,962 | 36,035 | 36,100 | 36,164 | 36,229 | 36,294 | 36,359 | 36,456 |
| | | | | | | | | | | | | | | | | | |
| MSW+Special Handling Waste+C&D+recycling | 36,006 | 36,745 | 37,009 | 33,758 | 35,292 | 35,087 | 35,158 | 35,230 | 35,301 | 35,373 | 35,444 | 35,508 | 35,572 | 35,635 | 35,699 | 35,763 | 35,858 |
| MSW+Special Handling Waste+C&D | 34,930 | 35,444 | 35,548 | 32,633 | 34,573 | 34,372 | 34,353 | 34,333 | 34,313 | 34,292 | 34,271 | 34,152 | 34,123 | 34,093 | 34,063 | 34,034 | 33,577 |
| MSW+Special Handling Waste+C&D+Residual | 35,329 | 36,169 | 36,142 | 33,488 | 35,175 | 34,957 | 34,939 | 34,920 | 34,901 | 34,882 | 34,862 | 34,744 | 34,716 | 34,687 | 34,658 | 34,630 | 34,174 |

CHAPTER 4 -DESCRIPTION OF RECYCLING PROGRAM

This chapter describes the recycling activities taking place in Perry County, the goals for recycling over the ten (10) year planning period and the impact of recycling on the amount of municipal waste requiring disposal/processing capacity.

4.1 The Materials Addressed by Act 101

Newsprint – Newsprint or newspaper is primarily generated in the residential sector. Post-consumer waste newspaper is called “old newspaper” or “ONP”. ONP can be recycled back into newsprint. It can also be made into cellulose insulation, animal bedding, mulch, low-grade copy and computer paper, and paperboard. Paperboard is a trade term that includes all cardboard types, such as corrugated cardboard and tablet backings, as well as the paper lining on gypsum wallboard. ONP can also be shredded and used as a bulking agent in composting wet organic wastes, such as sludge, manure, or food waste.

Corrugated Paper – Corrugated paper, referred to in the recycling industry as “old corrugated containers” or “OCC”, composed primarily of corrugated cardboard boxes, also comprises a significant portion of the estimated recyclables remaining in the municipal waste stream (8%), second only to food waste (12%). The majority of it is generated in the commercial sector, although growth in on-line shopping has resulted in increased OCC from growing use of shipping boxes for home deliveries. Recovery of OCC is conducted by the commercial waste generators and private haulers, and is now collected in many residential curbside collection programs to reduce disposal costs and potentially earn modest sales revenue. Recovered OCC is mixed with virgin pulp to make new corrugated. It can also be used in the manufacture of other types of paperboard.

High Grade Office Paper – High grade paper includes computer print-out, office papers, and ledgers. Most of it is found in the commercial sector, particularly in office buildings, where it can comprise the majority of the office’s waste stream. Computer printout and white ledger can be made back into high grade paper. However, to make bright white paper requires that the recycled fiber be supplemented with a large percentage of virgin pulp. A common use is in the manufacture of tissue products such as paper towels and toilet paper. High grade paper is also used to make paperboard.

Mixed Paper – Mixed paper refers to a mixture of the above three types of waste paper plus other waste papers such as junk mail, phone books, magazines, cereal and pizza boxes. Roofing material and boxboard manufacture are traditional uses of mixed paper, and for the production of low grade tissue and toweling products.

Glass – Although glass is found in a variety of forms and colors (e.g. clear, green and amber) in the municipal solid waste stream, container glass (i.e. bottles and jars) is the most commonly recyclable type of glass. The majority is generated in the residential sector. Waste container glass can be melted and mixed with virgin glass ingredients to make new container glass.

Steel and Bimetal Cans – There are two types of steel cans: tin-coated cans commonly known as “tin cans” and “bimetal” beverage cans. Bimetal cans have a coated steel body and aluminum ends. Bimetal beverage cans are easily mistaken for aluminum cans.

Aluminum Cans – Aluminum cans or used beverage cans (UBC) are among the most easily recoverable aluminum products. Aluminum cans are very readily reprocessed into new aluminum sheet. Other products containing aluminum, such as cookware, use a different type of aluminum and are not accepted at recycling centers since the different varieties are not readily substitutable. The cost savings from using scrap aluminum rather than virgin inputs has provided for a strong scrap aluminum market.

Plastics – Plastic is a generic term that defines a wide variety of materials that are made up of one or a combination of plastic resins. The two most common, recyclable types of plastic are PET (Polyethylene terephthalate - #1) and HDPE (high density polyethylene - #2). PET (#1) is most commonly used to produce soft drink bottles. HDPE (#2) is most commonly used to produce milk and water containers, colored and opaque detergent bottles, and motor oil containers.

Yard and Leaf Waste – Mandated municipalities are required to separate yard and leaf waste from other municipal waste. Also, since September 26, 1990, PADEP regulations do not allow any waste disposal facility to accept shipments comprised primarily of yard and leaf wastes unless a separate composting facility has been provided. Organic materials can be ground into mulch, or processed to create compost, and has been proven to be beneficial in many municipal,

residential and agricultural applications, while removing a substantial quantity of waste stream material from landfill disposal.

Other Recyclable Materials Not Specifically Addressed by Act 101 – Large appliances or “white goods” can be shredded and the steel separated for recycling. Some scrap dealers in the County accept white goods. In addition, many appliance stores will accept appliance trade-ins when selling a new appliance. There are municipal recycling collection events that include major appliances, computers and electronics, clothing and textiles, books and other items.

Electronic equipment contains metals that, if not properly managed or contained, can become hazardous wastes. The “Covered Device Recycling Act” (House Bill 708), PA Act 108 of 2010, establishes a recycling program for certain covered devices; imposes duties on manufacturers and retailers of certain covered devices; provides for the powers and duties of PADEP including enforcement; establishes the Electronic Materials Recycling Account in the General Fund; and prescribes penalties for noncompliance. Information on the CDRA is presented in Appendix E.

Provided markets can be found, various other types of materials in the municipal waste stream can be recycled. Tires, used motor oil, and automotive batteries are examples of recyclable items that pose disposal problems. Used tires can be retreaded, shredded and processed into crumb rubber for use in rubber plastic products, or they can be used to produce a durable ingredient in the production of asphalt. Alternatively, tires can be shredded and burned as a source of fuel. Garages in the County that sell tires offer to properly dispose of tires for a fee. There is one facility available to County residents that accept tires for disposal; Mahantango Enterprises (tire shredding facility). This facility charges a fee for tire collection, and the resident is responsible for transporting the tires to the facility. The County does not currently offer a countywide tire collection event. However, six municipalities offer some form of tire collection service. The following offer tire collection during their annual “Spring Clean-up”: Oliver Township, Saville Township, Wheatfield Township, and Penn Township (limit of 4). Marysville Borough offers a weekly pick-up service, and Duncannon Borough offers as needed pick-up.

The metal in automotive batteries and the polypropylene plastic case are recyclable. Used motor oil can be refined to produce heating fuel, industrial lubricants and even new motor oil. Used textiles can also be recycled. Textiles can be reused as rags, or reprocessed into filler

products such as insulation or furniture padding. Non-treated wood can be recycled into playground mulch and used as a fuel source.

4.2 Changes in Act 101 and Impact of These Changes on the County

Act 101 (P.L.556), originally enacted on July 28, 1988, was amended via the implementation of Act 140 (House Bill No. 1902, session of 2005, as amended on 9/27/06). This amendment created a series of changes, including extension of the sunset date for the recycling fee to January 1, 2012. (Act 101 was later reauthorized in May of 2010, and the sunset date for the DEP Act 101 landfill-related fees was extended until December 31, 2020.) Notable among the other changes, were specific changes to Section 2, with respect to Section 904 (a) and (b), regarding performance grants for municipal recycling programs. Among other requirements, the amendment expanded the level of documentation required to be included with the applicant's recycling and composting grant request submission, and this affected funding received by municipalities beginning in 2007.

Under Section 2(d)(4) of Act 140, the amendment noted that all mandated municipalities and any non-mandated municipality receiving more than \$10,000 in funding must demonstrate to PADEP's satisfaction that they "...have met the following performance requirements:

- requires, through ordinance, that all residents have waste and recycling service
- has an implemented residential recycling program and facilitates a commercial recycling program or participates in a similar county or multi-municipal program
- has a residential and business recycling education program
- has a program of enforcement that periodically monitors participation, receives complaints and issues warnings for required participants and provides fines, penalties, or both, in its recycling ordinance
- has provisions, participates in a county or multi-municipal program or facilitates a private sector program for the recycling of special materials
- sponsors a program, facilitates a program or supports an organization to address illegal dumping and/or littering problems
- has a person or entity designated as recycling coordinator who is responsible for recycling data collection and reporting recycling program performance in the municipality or municipalities."

Section 2(d)(5) goes on to say that “If the requirements of paragraph (4) are not satisfied by the municipality, then the grant funds awarded under this section shall be expended by the municipality only to satisfy the requirements of paragraph (4).” Section 2(e) of Act 140 states that “The Department may require budget documents or other expenditure records and may deny funding through this section if an applicant cannot demonstrate that funds have been expended on eligible activities.”

There has been a notable decrease in the amount of recycling performance grant funding awarded through Section 904 to municipalities throughout the Commonwealth in the last several years. Reductions in recent PADEP grant funding awards may also be due, in part, to the lack of municipal personnel to provide the services and prepare the documentation necessary to support the grant application requirements of Act 101 and Act 140. Specifically, it may be difficult for municipalities to comply with Act 140 requirements due to the lack of commercial recycling programs; a lack of commercial recycling ordinances; a lack of an enforcement program, and; lacking periodic public education on recycling programs at a municipal level. With that in mind, Perry County, in coordination with the Perry County Conservation District is encouraged to use staff to work with municipalities in the County to apply, on a County-wide basis, for Performance Grant funding to maximize the grant potential.

4.3 Amount of Materials Recycled

Current recycling activities within Perry County have a significant impact on the amount of solid waste being disposed of by the County. A total of approximately 1,500 tons of Perry County recyclable material was reportedly diverted from the waste stream and recycled in 2012. As discussed in Section 3.5 of Chapter 3, the County’s recycling rate is projected to be 11% diversion of municipal waste tonnage in 2015. This diversion rate is projected to remain steady if new recycling initiatives are not adopted. The Perry County Solid Waste Advisory Committee (SWAC) expressed a goal to increase recycling over the ten (10) year planning period. This Plan Update recommends implementation of new recycling initiatives over the ten (10) year planning period that will slowly ramp up the recycling rate to 18% by 2025. The recycling rate is projected to grow to 25% by 2030.

The County had to reduce the funding for many of its recycling programs recently. Many of these programs remained, but were funded and managed by the private sector or

municipalities. Perry County had success with the municipal sponsorship of drop-off sites to serve areas of the County. It is expected that if Perry County is able to facilitate the growth of existing recycling programs (like the establishment of new drop-off sites), and can help implement other recycling initiatives (such as optional curbside recycling collections in non-mandated municipalities, and the addition of new materials to existing and new drop-off programs), Perry County's recycling rate may indeed increase over the ten (10) year planning period from the current estimated 11% rate.

Act 101 requires each municipality to submit to the county in which it is located a report "...describing the weight or volume of materials that were recycled by that municipal recycling program in the preceding calendar year." The data for those reports generally comes from three sources:

- Residential Curbside Programs - from reports submitted to the municipality by the private sector hauling firms with whom the municipality or individual residents had contracted for recycling services.
- Residential Drop-Off Programs – from reports submitted to the municipality or county by the recycling facility that receives and processes the material.
- Commercial/Institutional programs - from each individual establishment which had initiated a recycling program or from the private sector firm providing the recycling service.

An examination of data from a recent R.W. Beck (described in detail below) statewide waste composition study conducted in Pennsylvania, suggests that of the remaining municipal waste currently being disposed of in Pennsylvania, there is additional discarded waste that can potentially be recycled. However, there are many factors that determine which materials are actually removed from the waste stream. These factors include, but are not limited to:

- availability of markets for the materials;
- economics of a recovery system;
- competing options;
- the percentage of people that participate in recycling;
- how easily the materials can be segregated for recovery;
- and how efficiently people are in diverting the materials for recycling.

The table labeled Waste Composition Estimate located in Appendix G, presents an estimate of the current composition of the discarded municipal waste stream (after source separation) by material (from best available data), as well as an estimate of the potential remaining tons of recyclables that may still be available for recovery in the discarded waste stream.

According to the Municipal Solid Waste Characterization Study conducted for PADEP, there were over 2 million tons of recyclable materials landfilled statewide in 2001. This material included paper, plastic, glass, metal, organics, and inorganics. Copies of the complete study can be obtained from the DEP web site at the following website location:

http://www.dep.state.pa.us/dep/deputate/airwaste/wm/RECYCLE/Waste_Comp/Study.html

This information shows that there is still considerable room for improvement in recycling. For counties and municipalities to increase their recycling, they first need to establish a sustainable funding source to support recycling programs. If Perry County, in coordination with the Perry County Conservation District, can establish non-County funding sources to stabilize and expand recycling programs, they may want to investigate expanding the types of materials collected curbside or through drop-offs, expand the number of sites and the hours of operation of drop-off programs, improve the education of residents, and focus on expanding recycling in commercial, institutional, and multi-family facilities. They should also consider increasing the number of special collections for HHW and electronics materials throughout the County.

Lastly, it is believed a large amount of recyclable material diverted from the waste stream in Perry County is not being reported to the County for inclusion in their annual reports. Establishing a method to more accurately obtain recycling tonnages from municipally sponsored drop-offs, privately managed drop-offs, commercial industries and local collection events will increase the recycling tonnages reported to Perry County annually. This will result in a more accurate understanding of the recycling efforts currently in place in Perry County.

Although all of these ideas may not work in each municipality, there needs to be a greater emphasis on cooperation, with an analysis of what can realistically be achieved. Recycling programs in Perry County, not currently funded by the County, have demonstrated some initial buy-in by municipalities that may result in expanded recycling opportunities and success in the

County. With decreased grant money to spend on programs, Perry County, in conjunction with local municipal representatives should decide what its targeted recycling programs are, and take incremental steps toward realizing the desired end result.

In the future, an expansion of current educational mediums (e.g. social media, mailers, newspaper inserts, and radio spots) can be used to promote recycling, and school curriculums can be developed and used by teachers in Perry County school districts to educate students about the importance of proper waste management practices. The most cost-effective use of Perry County resources should be evaluated in determining which programs to develop.

Additionally, it is recommended that Perry County establishes outreach efforts at events held throughout the County during the year such as the Snake Hunt in Landisburg in June/July, the Perry County Fair in Newport in August, the Community Carnivals held all over the County in the Summer, the Perry County Arts Festival in Little Buffalo State Park in September, the Marysville Flea Market in Marysville in September, the Blain Heritage Days in Blain in October, as well as others as they are scheduled. Efforts should also be made to establish recycling programs at commercial establishments, through the Perry County Chamber of Commerce.

A list of waste and recycling initiatives, as well as education initiatives were sent to the members of the Perry County SWAC in 2014. The SWAC members ranked the initiatives from 1 to 5, 1 being most critical and 5 being least critical. These initiatives were evaluated based on their ranking and the most critical initiatives to be addressed by Perry County over the ten (10) year planning period were developed. These initiatives are discussed in more detail in Chapter 5. Additionally, a copy of the initiatives is located in Appendix H.

4.4 Existing Material Recovery Operations

In the past two decades, communities and businesses in Perry County have made notable strides in reducing the amount of municipal waste requiring disposal. Two (2) of the 30 municipalities have implemented a curbside recyclables collection program and ten (10) have initiated recyclables drop-off programs for the benefit of their residents and businesses. The municipalities with a curbside recycling collection program, Duncannon Borough and Marysville Borough, have instituted a voluntary curbside collection program even though their populations are below 5,000 and thus they are not required to do so by the Act. Duncannon

Borough's curbside pick-up is the second Saturday of each month from 8 a.m. to 11:00 a.m. Collection is provided by the local Boy Scout Troop. Materials collected include: aluminum, plastic, glass, tin cans, cardboard, and newspaper. Marysville Borough has weekly curbside recyclables collection collecting the same material as Duncannon Borough. Eighteen (18) municipalities have no municipally managed recycling program. The Bureau of Forestry has initiated two (2) drop-off programs in Toboyne Township, which may be utilized by residents of Toboyne Township, as well as visitors to the State Parks. Businesses and institutions have also developed programs to divert materials from the waste stream. The total amount of recyclables reportedly recovered in 2012 was 1,461 tons (net of C&D recycling), 2013 totals were not available at the time of this chapter narrative development.

There are additional collection facilities throughout Perry County and the surrounding Counties that take hard-to-recycle items. A list of these facilities and the materials accepted can be found on the Perry County Conservation District website at <http://perrycd.org/Pages/Recycling.aspx>.

TABLE 4-1 – MATERIALS ACCEPTED BY DROP-OFF FACILITIES IN THE AREA (as of 2014)

| FACILITY | LOCATION | MATERIALS ACCEPTED |
|---|--|--|
| Carroll Township | 50 Rambo Hill Road, Shermansdale | Aluminum foil, food and beverage containers; glass food and beverage containers in clear, brown and green; natural and pigmented plastic narrow-neck containers with symbols 1,2, milk bottles, water bottles, detergent bottles, shampoo bottles, bleach bottles, etc.; ferrous (iron, steel and tin) cans; newsprint; construction paper, craft paper, cereal boxes, shoe boxes, or similar items; printer, computer and copy paper; junk mail, magazines, catalogs and phone books; corrugated cardboard; various metal household items |
| Millerstown Borough/ Greenwood Township | Millerstown Community Park East Juniata Parkway, Millerstown | MUST PURCHASE COCOLAMUS CREEK DISPOSAL RECYCLING BAGS |
| Oliver Township | 615 South Third Street, Newport | |
| Centre Township | 2971 Cold Storage Road, New Bloomfield | |
| Tyrone Township (3 rd Saturday of the Month 8AM-Noon) | Loysville Community Center | Scrap metal, Aluminum cans and foil; bi-metal tin cans; office grade paper; magazines, newspapers, and all types of books; cardboard, including cereal and shipping boxes; plastic containers and bottles #1 through #7, all colors of glass containers. Fee of \$3.00 per vehicle |

TABLE 4-1 – MATERIALS ACCEPTED BY DROP-OFF FACILITIES IN THE AREA (as of 2014) CONT.

| FACILITY | LOCATION | MATERIALS ACCEPTED |
|---|--|--|
| Duncannon Borough/Penn Township (2 nd Saturday of the Month, 8AM-11AM) | End of Watershed Drive | Sorted Materials: Aluminum soda cans; newspapers and corrugated cardboard Same Bag Material: Aluminum cat food cans, foil and pie/baking pans; clear, green and brown glass bottles; plastics #1 through #7; ferrous (iron, steel and tin) cans; construction paper, craft paper, cereal boxes, shoe boxes, or similar material; printer paper, computer paper, and copy paper; junk mail, magazines, catalogs, ad papers and phone books |
| Rye Township | 1775 New Valley Road Marysville | Aluminum cans and foil; bi-metal cans; office grade paper; magazines; all types of books; all #1 PETE plastic containers and bottles; #2 through #7 HDPE plastic containers and bottles; cardboard, including cereal and shipping boxes; newspapers |
| Wheatfield Township (1 st Saturday of the Month, 8AM to Noon) | 1280 Bloomfield Road (Route 274) New Bloomfield | Aluminum cans; bi-metal cans; office grade paper; magazines; all types of books; all #1 PETE plastic containers and bottles; #2 through #7 HDPE plastic containers and bottles; cardboard, including cereal and shipping boxes; newspapers; all colors of glass containers |
| Toboyne Township (Bureau of Forestry) | 4455 Big Spring Road Blain, PA | Paperboard, office paper and junk mail, newspaper, phonebooks, magazines and catalogs, milk and juice cartons, cardboard pizza boxes and paper bags, #1 and #2 plastic jugs and bottles, #3 - #7 |
| Toboyne Township (Fowler's Hollow State Park) | 5700 Fowler Hollow Road Blain, PA | household plastic, rigid plastic, kitchen cookware and bi-metal cans, all colors of glass food and beverage containers, OCC, aluminum cans and other aluminum products |

4.5 Summary of Municipal Recycling Programs

The 2010 U. S. Census figures indicate that there are no municipalities within the County with 5,000 or more persons or with a population density greater than 300, thus no municipality in Perry County is currently mandated to implement a recycling program. No municipalities are expected to trigger the population thresholds during this planning horizon. Of the non-mandated communities, five (5) municipalities responded to the Perry County survey that they are interested in adopting an ordinance that provides voluntary curbside recycling; that is, private waste haulers are required to provide, if requested by the homeowner, curbside recycling services (these services can be provided at an additional cost to the homeowner). In addition, eight (8) municipalities collect leaf and yard waste via municipally operated drop-off centers or curbside collection. Two (2) municipalities, Duncannon Borough and Millerstown Borough, compost this material on municipal property. The six (6) other municipalities landfill or haul their leaf and yard waste for composting elsewhere. These municipalities are Liverpool Borough, Bloomfield Borough, Oliver Township, Newport Borough, Penn Township and Marysville Borough. None of these municipalities are mandated by Act 101.

Although there are no mandated communities in Perry County, commercial, institutional and retail establishments located in the County, as well as community events in the municipalities, are encouraged to voluntarily participate in the Act 101 recycling program. This can include the recycling of glass bottles and jars, aluminum cans, aerosol and steel cans, plastic containers and bottles, corrugated cardboard, newspapers, magazines & catalogs and high grade office and copy paper, plus leaf waste. Recyclables shall be collected from these establishments at least once every two weeks, and more often if needed. Recyclables must be separated from trash, including placement of receptacles in public areas. Commercial and retail establishments are encouraged to contact their municipal officials or the Perry County Conservation District, or to visit the Perry County website, to obtain information regarding haulers, recycling containers, labels and posters, and municipal ordinances and guidelines.

To date, twenty-four (24) municipalities in Perry County rely on private subscription for waste collection from residences and/or buy-a-bag programs. One (1) municipality, Duncannon Borough, utilizes municipal collection with municipally operated collection trucks. Five (5) municipalities utilize contracted collection with a single private hauler. Thus, the majority of curbside recycling is/will be performed by one or more private haulers in 80% of the

municipalities in Perry County. Each hauler is then responsible to deliver recyclables to a processing site of their choosing. Subscription collection programs are often, by their very nature, inefficient due to multiple collection trucks (different hauling companies) going up and down the same streets. Because not all customers use the same hauler, the resulting inefficiency can also cost more than a system where one hauler collects from all customers on one street, neighborhood, or municipality.

A recently completed study by Penn State Altoona Geography professor Dr. Tim Dolney confirms the high cost of these private subscription collection systems. Recommendations in this plan encourage a move toward more efficient collection practices. Appendix I contains sample bid documents that a municipality can use if it chooses to bid for waste, recycling, or combined (bundled) collection services.

Table 4-4, located at the end of this chapter, lists each of the County's municipalities, the type of waste collection and residential recycling program used in each municipality in 2014, based on municipal surveys, and the materials collected by the program. The municipal survey responses are located in Appendix C.

Table 4-1 and 4-2 present information on the materials accepted at the private collection sites and drop-off centers, and/ or the location of these facilities.

The future recycling program will include drop-off facilities. The number of drop-off facilities that will be added to the current drop-off system is not determined at this time, but the goal of the Plan Update is to continue to increase the number of drop-off facilities over the ten (10) year planning period, by continuing conversations with local municipalities, private haulers and disposal facilities.

Perry County residents may take hard-to-recycle items to the Bureau of Forestry's drop-off facilities, to one of the public collection sites listed in Table 4-1, or to one of the private businesses in the County that take hard-to-recycle items, as listed in Table 4-2.

As discussed in Section 1.6, Perry County, offered an annual HHW/tire collection event to County residents in 2014. The event is sponsored by the Perry County Conservation District,

Keep Perry County Beautiful, the collection site municipality, and the PA Department of Environmental Protection.

The following is a list of the sizes of tires collected along with the fee in 2014:

- Car/truck size \$1 each
- Tractor trailer size \$5 each
- Large tractor tires \$10 each

Tires with rims are accepted, but tires from any commercial operation are not accepted.

Recycling materials collected by the various private waste haulers are delivered to the processing facility of their choice. There are currently no processing facilities in Perry County, operated by the County. There are a few private recycling processing facilities that accept the majority of Perry County recyclables. Table 4-3 lists the name, address, and telephone number for each of the large private recyclers that accept recyclable materials for processing, marketing and shipping.

A list of the recyclable materials accepted and collected by Cocolamus Creek Disposal, Sylvester's, and Advanced Disposal is located in Appendix D.

TABLE 4-2 – LOCAL PRIVATE LARGE RECYCLERS

| FACILITY | LOCATION | PHONE NUMBER | HOURS OF OPERATION | ITEMS ACCEPTED |
|------------------------------------|--|-------------------------|---|--|
| Cogle's Recycling | 1000 South 4 th Street Hamburg, PA 19526 | 610-562-8336 | 8:00 AM – 4:30 PM M-Th; 8:00 AM – 4:00 PM F; 8:00 AM – 11:30 AM Sat | Plastic, glass |
| Gordon Waste Company, Inc | Front and Bridge Streets Columbia, PA 17512 | 717-684-2201 | | Office Paper |
| Weiner Iron & Metal Corporation | Route 61 Pottsville PA 17901 | 570-622-6543 | 8:00 AM – 4:30 PM M-F; 8:00 AM – 12:00 Noon Sat. | Cardboard |
| Spectrum Recyclers | 205 Industrial Road Highspire, PA 17034 | 717-939-6476 | | Newspaper, magazines, cardboard, and office paper |

Residents of Liverpool Borough, Duncannon Borough, Bloomfield Borough, Newport Borough, Marysville Borough, Millerstown Borough, Penn Township, and Oliver Township have the opportunity to collect and recycle yard waste materials such as leaves, grass clippings, and brush. Penn and Rye Townships have a chipper available to residents. Yard waste is collected curbside in Bloomfield Borough, Newport Borough, and Millerstown Borough year round. Leaves are collected during the fall in Marysville Borough, Liverpool Borough, and Duncannon Borough. Penn Township residents may take their leaf and yard waste to the Duncannon Borough recycling center and Oliver Township residents may take their leaf and yard waste to the Oliver Township recycling center. The sites processed over 300 tons of brush, grass clippings, and leaves in the year 2013.

TABLE 4-3 – LOCAL COMPOST FACILITIES

| FACILITY |
|---|
| Duncannon Borough Compost Facility |
| Millerstown Borough Compost Facility |

4.6 Environmental Benefits of Recycling

The benefits of recycling stem from four sources: the value of the recyclable material in its reuse; the reduction in the waste requiring collection, transportation, processing, and disposal; the reduction in raw materials required to manufacture new products; and the energy saved in processing the raw materials to the point of manufacturing use. The reuse value of the material is reflected in its market price, although, with an average recyclables, net market value (after transportation and processing) is often close to zero; the chief financial benefit of recycling for consumers is usually the avoided cost of disposal.

B&L performed an EPA WARM model computer evaluation, which estimates the impacts and benefits of recycling activities on our environment based on Perry County's 2012 Recycling Report Summary. The WARM model calculates various savings based on the tonnages of materials recycled. Appendix G contains the result tables of the EPA WARM model evaluation. The County's 2012 total recycling efforts provided environmental benefits that were the equivalent of the following estimated resources consumption savings and pollution reductions:

- A net reduction in greenhouse gas emissions by 4,671 metric tons of carbon dioxide equivalent or MTCO₂E;
- A reduction in the net energy consumption by 24,892 million BTUs (British Thermal Units);
- A reduction in oil consumption by 4,284 barrels of oil;
- A reduction in gas consumption of 525,617 gallons;
- A reduction of 983 average passenger cars on the road per year (based on the equivalent amount of energy and fuel used by a passenger car each year and the average CO₂ emissions released by a passenger car per year);
- Conserving 25 railway cars of coal

4.7 Perry County Recycling in Relation to PA Recycling Goals

Upon reaching the 25 percent recycling goal specified in Act 101 in 1997, the Governor's Office established a new goal of 35 percent recycling to be achieved by 2003. As indicated in Table 3-4, the recycling rate in Perry County has averaged approximately 7% over the last five years. The Waste Composition Table, located in Appendix G, looks more closely at the materials diverted and attempts to determine how much of the material estimated to be generated is actually being "captured" in the County's recycling efforts. As illustrated in this table, the County was only capturing a very small percentage of potentially recyclable materials based on recycling data from 2012. It is believed that there is actually more recycling than is indicated in this table, but the County has not had a full-time dedicated recycling coordinator for some time, and recycling education and data collection have not been given the attention required to boost the County's recycling rate.

A trend in packaging is occurring, away from heavier glass and metal containers to lighter, thinner-walled plastics and aluminum. This is a positive trend in source (tonnage) reduction, but also results in a lighter tonnage (and therefore, lower weight-based "percent recycled" tonnage) being recycled. Thus, the actual "percent recycled" rate (i.e. 25%) is becoming of less importance than just taking steps to optimize recycling, where practical. Even maintaining a 25% recycling rate over time may require increased recycling of lighter materials.

In an effort to increase recycling, Perry County may want to focus on strategies designed to expand or supplement existing recycling programs and to improve current data collection efforts. Perry County should support, promote and conduct recycling programs such as the

HHW collection program, whenever feasible. Furthermore, Perry County may want to provide advice to municipalities developing or expanding programs such as the establishment of yard waste collection (woody materials), curbside recycling collection, or establishing a recyclables drop-off facility.

Currently, three (3) of the County's 30 municipalities do not have access to a recycling program, privately or publicly operated. Another strategy to further boost diversion is to encourage municipalities without recycling services to implement drop-off or curbside recycling programs. Perry County will provide technical assistance to help these municipalities if they choose to initiate drop-off programs or, if there is sufficient interest, curbside collection programs.

Previous estimates from the County show that most of the Act 101 materials are collected, even if in modest amounts, at the eleven (11) privately and publicly operated drop-off facilities. Newspapers, magazines and catalogs, mixed paper, cardboard, glass bottles and jars, plastic bottles, and aluminum and steel cans are collected in most of the curbside and drop-off programs.

Regarding reporting of recycling tonnages, some of the residential recycling programs are directly controlled by municipal governments, thus assuring that the amount reported is fairly representative of the amount of material actually recycled. Other municipalities have relied primarily on private sector drop-off locations or curbside collection, with accurate report confirmation by the County or municipality. Lastly, the majority of the municipalities with drop-off programs have their container serviced by the private sector, thus relying on the private sector for tonnage information. Information regarding the amount of material actually being recycled in commercial, industrial, institutional and apartment complex programs may be inaccurately reported, since a comprehensive record of recycling from those sectors requires that each individual establishment or the collector provide complete, accurate information. This is a problem that needs to be addressed by the municipalities, and is a requirement that is difficult to enforce. With municipal staff shortages it is difficult to "chase" recycling data.

Businesses and institutions can be encouraged to reassess their efforts and expand recycling programs where it is economically feasible. Such entities that are located in municipalities that

are not mandated can still be encouraged to implement programs where it makes economic business sense. Perry County staff and/or municipal staff currently obtain recycling tonnage totals from four of the major grocery store/convenience store chains. Perry County staff and/or municipal staff may want to consider contacting additional major retailers directly that manage their own recyclables and expand upon their current participating tonnage reporters. Going to the source ensures that data is gathered for all locations in the County, including data from generators in municipalities where recycling is not mandated that may not be reporting recycling data to the County. However, it is unlikely that Perry County will have the resources to increase staff at any time in the near future; therefore developing a better and more efficient way of communicating with local businesses is the best option.

The Pennsylvania Department of Environmental Protection (PADEP) has generated Forms (Form 11, Form 12 and Form 13) to be used by commercial, municipal, institutional, waste and/or recycling haulers, document destruction companies, and other companies transporting recyclables. Copies of the Forms are included in Appendix I. Form FM-11 is used by commercial, municipal or institutional establishments that recycle. The form is to be completed annually and submitted to the municipality by February 1st of each year. If a municipality or Perry County wants to collect recyclables tonnages more frequently than on an annual basis, this form shall be revised to include these submission deadlines. If a local business is a retail establishment with multiple store locations that coordinates recycling collection and markets materials through corporate headquarters, the business shall complete Form FM-13 and submit this form to Perry County.

Form FM-12 is used by waste and/or recycling haulers, a document destruction company, a retail establishment with multiple store locations, a broker, a processor, or other company transporting recyclables generated in Perry County.

TABLE 4-4 – MUNICIPAL RECYCLING PROGRAMS

| MUNICIPALITY | POPULATION | MANDATED | PROGRAM | CARDBOARD | OFFICE PAPER | MIXED PAPER | BROWN GLASS | CLEAR GLASS | GREEN GLASS | ALUM CANS | METAL CANS | NEWS PAPER | #1 PETE | #2, #7 HDPE |
|------------------------------------|------------|----------|----------|-----------|--------------|-------------|-------------|-------------|-------------|-----------|------------|------------|---------|-------------|
| Carroll Township | 5,269 | No | Drop-off | x | x | x | x | x | x | x | x | x | x | x |
| Centre Township | 2,491 | No | Drop-off | x | x | x | x | x | x | x | x | x | x | x |
| Duncannon Borough | 1,522 | No | Curbside | x | x | x | x | x | x | x | x | x | x | x |
| Greenwood Township/ Millerstown | 998/673 | No | Drop-off | x | x | x | x | x | x | x | x | x | x | x |
| Liverpool Borough | 955 | No | Drop-off | x | x | x | x | x | x | x | x | x | x | x |
| Marysville Borough | 2,534 | No | Curbside | x | x | x | x | x | x | x | x | x | x | x |
| Oliver Township | 1,931 | No | Drop-off | x | x | x | x | x | x | x | x | x | x | x |
| Rye Township | 3,225 | No | Drop-off | x | x | x | x | x | x | x | x | x | x | x |
| Tyrone Township | 2,124 | No | Drop-off | x | x | | x | x | x | x | x | x | x | x |
| Wheatfield Township | 3,334 | No | Drop-off | x | x | | x | x | x | x | x | x | x | x |

Source: Population estimates from Tri-County Regional Planning Commission; 2015 Perry County Comprehensive Plan

This form shall be completed annually and submitted to the municipality where the recyclables are collected no later than February 1st of each year. If a municipality or Perry County wants to collect recyclables tonnages more frequently than on an annual basis, this form shall be revised to include these submission deadlines.

Form FM-13 shall be completed by a waste and/or recycling haulers, a document destruction company, a retail establishment with multiple store locations, a broker, a processor, or other company transporting recyclables generated in Perry County, only if Perry County has agreed to collect the recycling data at the County level.

Additionally, sample letters are included in Appendix I that may be sent to businesses and haulers in Perry County with the appropriate forms attached. These letters provide contact information for the businesses and haulers and a brief overview of why these forms are important at the municipal and county level.

An additional resource for businesses in Perry County to use to gauge their recycling programs is the ReDi Index. The ReDi Index was developed by Al Matyasovsky, Lloyd Rhoades, and Brendan Bagley at Penn State University. The ReDi Index allows businesses to enter details of their waste stream's commodities and the type, location, and size of their facility. The ReDi Index then calculates the business' effectiveness and compares their program with other programs by type and locale. The ReDi Index can be found at the following location: <https://redi.opp.psu.edu/about>. This information may be used by businesses to promote their recycling efforts to their consumers.

The types and amounts of materials recycled by both the residential and commercial sector during the past four years (2009-2012, 2013 data not available at time of narrative development) are presented in Table 4-5 below, with special reference to those recycled materials that have been targeted by the PADEP in Act 101, including: #1 - #5 plastics, yard and leaf waste, aluminum and bi-metal cans, glass (brown, green and clear), mixed grades of paper, office paper, OCC and chipboard, and newsprint. Other recyclable materials are summarized below in the "non-Act 101 materials" category.

TABLE 4-5 – PERRY COUNTY MATERIALS RECYCLED (TONS)

| Type | 2009 | 2010 | 2011 | 2012* |
|----------------------------------|-------------|-------------|-------------|--------------|
| Act 101 Materials | 718 | 1045 | 1254 | 1422 |
| Non-Act 101 Materials | 23 | 31 | 47 | 39 |
| Recycling Totals | 741 | 1076 | 1301 | 1461 |

**2013 data not available*

The table shows a fairly steady rate of recycling generation between 2010 and 2012. 2009 had the lowest recycling generation rate over the past four years. The table also shows that while Perry County has consistently recycled materials beyond those listed in Act 101, this may be an area for increased recycling in the County.

As discussed in Chapter 3, Section 3.5, it is anticipated that Perry County's recycling rate will increase from an assumed 11% in 2014 to 18% by 2025. Table 3-4 reflects these growing recycling tonnage projections.

4.8 Compliance

Currently, there are no compliance enforcement options in place in Perry County. Compliance efforts are supported through education and outreach.

CHAPTER 5 - SELECTION AND JUSTIFICATION

The purpose of this chapter is to describe the process used to select and recommend components to the overall waste management system for Perry County, and to provide justification for the selections and recommendations. The County must ensure that the recommended system(s) provides the required capacity needed to properly process/ dispose of all municipal waste generated within their boundaries over the next ten (10) years. This chapter examines available and realistic processing and disposal alternatives for municipal waste; determines the compatibility of these alternatives with the existing waste and recycling systems in the County; and makes recommendations for future adjustments to those systems.

Like many counties in Pennsylvania, Perry experiences considerable improper disposal, including:

- A failure to recycle materials that are easily recovered (and frequently required to be recycled) in our region
- Littering along roadways and streets, pedestrian arteries and waterways, significant number of households that do not have regular waste or recycling service because they do not make payment for waste collection or choose to improperly dispose of waste
- Illegal dumping in urban and rural areas, as well as in business waste containers. Waste accumulation on private property that is a significant component of a serious blight issue in the County
- Open burning of waste and recyclables of all kinds

If a Zero Waste goal is on the distant horizon and a 25% recycling and composting diversion is a mid-range goal, a County-wide commitment to recycling and waste reduction is necessary and needs to be discussed in the County plan.

5.1 BACKGROUND

In 2012, it is estimated that Perry County disposed of a total of approximately 19,000 tons of MSW (all categories), plus approximately 1,500 tons of materials that were recycled or otherwise diverted from disposal. In 2012, approximately 98% of the landfilled total was disposed of at the Harrisburg Waste to Energy Facility (WTE), Cumberland County Landfill, and the Mountain View Reclamation Landfill (see Table 3-1).

Currently, waste haulers that operate within the County can dispose of the waste they collect at a landfill or transfer station of their choice, as long as the ultimate waste disposal site is designated in the County's solid waste management plan (2005). Disposal sites that accepted at least 1,000 tons of Perry County MSW in multiple years between 2009 and 2013 include: Cumberland County Landfill, Harrisburg WTE, Pine Grove Landfill, and Mountain View Reclamation. Based on this information, it was determined that Perry County will contract with the Clinton County Landfill, Cumberland County Landfill, Susquehanna Resource Management Complex (SRMC; formerly Harrisburg WTE), Lancaster County WTE, Laurel Highlands Landfill, and Mountain View Reclamation Landfill to assure sufficient disposal capacity over the ten (10) year planning period, while haulers will be able to take MSW to any permitted disposal facility of their choosing. Table 3-1 lists the landfills which accepted waste from the County in 2009-2013, as well as the tonnage of waste each landfill accepted in 2009-2013.

As shown in Table 3-4, the Plan Update predicts that normal municipal waste generation (from residential, commercial, and institutional sources) will remain relatively level (due to a stable population) at approximately 32,000 tons per year (TPY) over the next ten (10) years, or approximately 123 tons per day, 5-day basis, or TPD5). Recycling efforts (not including C&D recycling) are predicted to slowly grow over time, from approximately 1,800 TPY (7 TPD5) in 2014 to approximately 4,400 TPY (17 TPD) by 2025. It is estimated there will be an increase in the amount of waste disposed in the landfill resulting from an effort to decrease illegal dumping and open burning in Perry County over the ten (10) year planning period.

Generation of Special Handling Waste fraction of MSW, including dewatered sewage sludge, asbestos, infectious/chemotherapeutic waste, and ash, are expected to remain fairly constant at approximately 600 tons annually (approximately 2 TPD5).

C&D waste generation, which is not included in the above totals, is expected to remain constant at around 3,200 tons annually, but C&D recycling is expected to grow slightly (by an incremental 200 tons more in C&D recycling each year), thereby reducing the net quantity of C&D waste requiring disposal from 3,200 TPY (12 TPD5) in 2015, to approximately 1,200 TPY (5 TPD5) by 2025. This reduction is *not* demonstrated in the projections due to the fact that the increased recycling of C&D material annually will require program implementation at the County level.

In total, the tons of conventional MSW, Special Handling waste, and C&D waste requiring disposal (i.e. after recycling) from Perry County is expected to drop from a combined 33,400 TPY (129 TPD5) in 2015 to 31,400 TPY (121 TPD5) by 2025. The Interest Letter for disposal capacity assurance accommodates all of these waste disposal needs, over the next ten (10) years, as further described in this Plan Update.

Residual wastes generated in Perry County, not technically a part of this Plan Update, add an average of an additional 600 TPY (approximately 2 TPD5) of waste to the area's landfills.

5.1.1 Securing Waste Disposal Capacity for Perry County

As part of the Municipal Waste planning process, each county in Pennsylvania needs to secure ten (10) years of disposal capacity for municipal waste generated from within its borders. Historically, Perry County's Municipal Waste Management Plan has provided that municipal waste from the County will be delivered to disposal sites based on:

- 1) Their listing as designated sites in the County municipal waste plan, secured through contracts with the County, and
- 2) Prevailing market conditions. Haulers have been free to take municipal waste from a given county to any disposal site of their choosing, as long as the site is designated in the County's plan.

Currently, under this modified "free market" waste system in place in the region, nearly 98% of municipal waste generated in Perry County is disposed of at three privately owned and operated facilities, the Lancaster County Solid Waste Management Authority's (LCSWMA) Susquehanna Resource Management Complex (SRMC) formerly the Harrisburg WTE, the Cumberland County Landfill and the Mountain View Reclamation Landfill.

This contracting structure is being modified slightly in the new Plan Update, further opening up the options for municipal waste to be hauled to duly permitted disposal sites of the haulers' choosing. This is further discussed in this chapter.

5.2 OVERVIEW OF CURRENT MUNICIPAL WASTE MANAGEMENT SYSTEM

Up to this point, the current municipal waste system involved residents individually subscribing with waste haulers for waste (and in some cases recyclables) collection, except in six (6) municipalities where the municipality collects or contracts with one hauler for curbside waste and recyclables collection. Processing and disposal of MSW is handled by private waste haulers. The private sector handles the consolidation and shipping of mixed recyclables at their Transfer Stations, as well as managing the processing and marketing of recyclables handled through their facilities. Processing and recycling/disposal of C&D waste is generally handled by the private sector. Biosolids (sewage sludge) and septage are mainly managed by a combination of wastewater treatment plants that accept sludge and private landfills, and infectious and chemotherapeutic waste is managed privately through contracted collection.

Eight (8) municipalities in Perry County manage and process yard waste from residences and businesses.

There are eight (8) municipally operated and three (3) privately operated recyclables drop-off locations in Perry County. Unfortunately, due to financial factors, Perry County does not have the financial strength to establish and operate additional drop-off locations to service residents of Perry County. The establishment of new recyclables drop-off locations through support from the private sector, as well as the establishment of drop-off locations through municipal support and operation is a recommendation and goal of the Perry County 2015 Plan Update for the ten (10) year planning period.

The Perry County SWAC has expressed a desire to expand the current recyclables collection program, to ensure that the maximum number of residents in the County is being offered recycling options through a combination of drop-off and curbside recycling programs. It is a strong desire of this Plan Update to satisfy the needs of the County's residents and businesses through the growth of these recycling opportunities in the County, although this must be done with limited, to no County sponsorship or financial support, initially.

5.3 WASTE AND RECYCLABLES MANAGEMENT - ALTERNATIVES

The following section briefly highlights waste collection, transfer, processing and disposal system alternatives that currently are available to Perry County. This section focuses on alternatives that have specific compatibility or that show particular promise within Perry

County's waste management system that was described earlier in this chapter. Waste management alternatives that are not realistic or feasible in Perry County have not been included in this analysis.

5.3.1 Waste and Recyclables Collection

5.3.1.1 MSW Collection

There are four (4) basic methods for the collection of MSW (residential/commercial/institutional refuse) that are practical in this region.

Municipal Collection - Municipalities can provide refuse collection services to their residents using municipal employees and equipment.

Contracted Collection - Municipalities can contract via a public bidding procedure with a private waste hauler to provide refuse collection services to their residents (and institutions and small businesses, typically).

Subscription Collection - Individual households and businesses can each contract directly with a private waste hauler for refuse collection services, with limited or no municipal involvement.

Self-Haul - Residents and businesses can self-haul wastes to a transfer station or disposal site.

Subscription collection is the most widely used method within Perry County, currently used in all but five (5) municipalities in the County. Although the current system appears to provide adequate services to its customers, efficiency is lower and costs are typically higher. The municipalities may want to consider municipal bidding for contracted collection of residential/institutional/small commercial customer refuse. In many situations, refuse collection fees decrease when local governments contract for refuse collection services (contracted collection) on behalf of their residents, compared to when residents directly contract for refuse collection through subscription collection. Millerstown Borough currently uses contracted collection, which appears to reduce the costs for its residents, slightly,

through competitive bidding for collection and disposal services. The Millerstown single-collector contract calls for a \$57.00 per household quarterly charge. The same collector charges approximately \$60.00 per household in private subscription communities (using the pay-per-bag system). Other municipalities in Perry County that have contracted collection have rates as low as \$33.00 per household per quarter. Frequently, individual subscriptions do not include bulky wastes, HHW, e-waste, and other special wastes pickups; extra charges will be levied for these “value-added” services.

In addition to the potential financial benefits of contracted collection, there are additional advantages as well. Contracted collection with private haulers allows local governments to indicate the types of collection services to be provided under contract (unlimited collection, pickup with can limits, or straight pay-as-you-throw; bundled curbside recycling services with the waste collection; bulky item pickup allowances; HHW and/or e-waste collection; may include direct customer billing; may or may not include disposal costs, at the municipality’s option; may include reporting requirements for wastes and recyclables collected; etc.). A municipal waste disposal contract can also (but does not have to) designate the disposal site or sites where the municipality wishes the contracted hauler to dispose of the municipality’s waste, and can also designate a site where the recyclables are to be taken (if part of the contract). Sometimes, haulers are hesitant to support contracted collection programs because they may be perceived as favoring larger haulers that have greater fleet and staff capabilities, or because the contract may contain contract requirements (insurances, guarantees, etc.) with which small haulers cannot easily comply. It is optional to contract for waste and recyclables separately, if preserving smaller haulers is important in a municipality. Additionally, it is optional to contract with multiple haulers to service municipalities that are more sparsely populated, in order to preserve smaller haulers in a municipality and make collection more economical for residents. Contracted collection can reduce the number of waste vehicles within a municipality as compared to subscription collection, which results in more efficient collection with less truck traffic, road wear, air pollution and noise. Contracted collection may also help limit the occurrence of illegal dumping, as residents with this form of collection are provided with consistent and reliable refuse collection services and, therefore, are less likely to illegally dispose of waste and/or accumulate waste for long periods of time.

In some very rural areas, whether served under contract or by subscription, haulers may not want to provide service to an area due to the long distances between customers, poor roads, mountainous conditions, or distances between the area and their operation yard and a landfill. In these areas, partnering with neighboring municipalities to contract a larger residential base may be the only practical solution. In Perry County, municipalities with sparse population may want to consider joining and contracting specific route collections within the County that are broader than just one municipality, to one or to multiple haulers. Where subscription service to a rural area may be uneconomical, a defined route with customers may make the economics work for some haulers. For example, within a county, five different private haulers may service their municipalities. This scenario may provide waste collection service for residents who were not previously obtaining it due to their location within the county.

If municipalities decide that contracted collection through a municipal contract is worth pursuing, the municipalities may be able to coordinate collection with private haulers in multiple municipalities, thus potentially further decreasing the cost of refuse collection for residents, and increasing the efficiency and safety of collection for the waste haulers. Self-haul of waste is self-explanatory. Residents and businesses can haul waste directly to transfer stations and disposal sites, as long as self-haul customers are allowed to access the sites.

5.3.1.2 Recyclables

The collection methods for recycled materials are similar to the collection methods for residential waste. Recycled materials can be collected curbside through municipal collection, contracted collection, subscription collection, or by self-haul to central locations through drop-off/ transfer collection. The basic details of these collection methods are described above.

Regarding curbside collection of recyclable materials, three methods can be used: source-separated, dual-stream, and single-stream. Source-separated and dual-stream recycling require greater effort by the customer and hauler, but the recycling facility's processing effort is decreased. Single-stream recycling involves much less effort by the customer and hauler,

and often allows a larger group of material types to be recycled, but requires a more complex processing system and greater effort at the recycling facility to process the mixed recyclables.

Source-separated recycling requires residents to separate their recyclables into separate containers at the curb. This method makes processing much simpler and inexpensive, and tends to result in a cleaner recyclable material collected (which improves market value).

Dual-stream recycling is similar to source-separated recycling, with the recyclables commonly separated into two categories: bottles/ cans and paper fiber. Dual-stream recycling typically has the same benefits as source-separated recycling, but the collection method is slightly different. For example, cans, glass and plastics may go in one container while paper fiber (cardboard, newspaper, etc.) go in another. Both source-separated and dual-stream recycling operations require the hauler to either place recyclables from the curb into different containers in the recycling truck, or to make multiple collections, for transportation and delivery of the material to the recycling center. A variation of source-separated recycling is “curb-sort” services, where recyclables are placed at the curb commingled, and are then sorted into different collection truck compartments by the collection crew.

Single-stream recycling collects all of the recyclable materials in a single container at the curb. Some of the benefits of single-stream collection are ease of separating in the home, higher residential participation rates, higher quantities recycled, increased collection efficiency and the ease in which a municipality can incorporate small businesses and multi-family units into the program. Some of the disadvantages of single-stream recycling include lower recyclable material quality and market revenues, higher capital processing costs, decreased quality control at the curb, increased product contamination, and the potential to have to dispose of more material due to the contamination factor. Both dual-stream and single-stream collections require access to materials processing facilities in the region that can receive and further process the collected mixed recyclables.

There are many factors to consider when selecting a recycling program, such as what types and size of containers to give residents, what materials to collect, what type of truck will best suit the collection program, what types of recyclables processing infrastructure is available in the area, how the recycling program will be funded (i.e. include in a subscription cost, pay

through local taxes, fund through a pay-as-you-throw program, etc.) These considerations may be dependent on the type of waste collection program used.

Perry County haulers currently utilize single stream or source separated collection or source separated collection through drop-off locations.

In many areas of the County, the only recyclables collection service that is offered is through the recyclables drop-off site option. The current municipally operated recyclables program has a total of eight (8) recyclables drop-off sites scattered throughout Perry County. There are three (3) additional drop-offs managed by the private sector. Additionally, there is a local private hauler who offers collection routes throughout Perry County for residents to drop a recycling bag, filled with commingled recyclables (bought at local businesses).

Only two (2) municipalities in Perry County currently offer some form of curbside recyclables collection program. Duncannon Borough offers curbside recyclables collection on the second Saturday of each month from 8AM to 11AM. Collection is provided by the local Boy Scout Troop. Materials collected include: aluminum, plastic, glass, tin cans, cardboard, and newspaper. Marysville Borough has weekly curbside recyclables collection collecting the same material as Duncannon Borough. Both municipalities offer curbside recycling to all residents, either through hauler contracting or through verbal agreements. In all of these municipalities, recyclables collection is provided by private waste haulers, and the cost for the program is included in the resident's subscription cost with the haulers.

5.3.1.3 Hauler Licensing or Oversight

In June 2002, Pennsylvania approved amendments to the existing solid waste management statutes (adopted as PA Act 90) that, among other provisions, established a statewide waste transportation safety program, including a licensing program for all waste haulers doing business in Pennsylvania. Any waste hauler with a GVW (gross vehicle weight) of over 17,000 pounds and trailers with a registered gross vehicle weight greater than 10,000 pounds, that transports municipal or residual waste to a waste processing or disposal facility in Pennsylvania, must have a valid Waste Transporter Authorization issued by the Department of Environmental Protection. This program is administered by the State and prohibits

counties or municipalities from implementing any new municipal waste or residual waste transportation authorizations or licensing programs. (Note – since the Act 90 program relates to licensing of larger waste vehicles, it leaves open the possibility of establishing a separate local licensing program for waste vehicles with less than a 17,000 pound GVW). Based on this legislation, all larger haulers doing business within Perry County need to meet the requirements of the State program, and hauler data collected from the State program is available on the Pennsylvania Department of Environmental Protection (PADEP) website at:

<http://www.portal.state.pa.us/portal/server.pt?open=514&objID=589642&mode=2>

It is up to individual counties to monitor waste hauling and disposal activities. The law prohibits processing and disposal facilities from accepting waste from regulated waste transportation vehicles that do not have a valid authorization.

Some counties in the Commonwealth continue to register (alternative to licensing) haulers, usually with a minimal (or no) fee, to help ensure that basic information on the haulers, the municipalities served and the materials collected, is reported to the county or municipality regularly. Perry County currently does not have a hauler registration/licensing program.

5.3.2 Waste Transportation and Disposal

5.3.2.1 Transportation of MSW to Disposal Sites

Under Act 101, it is the responsibility of each municipality to provide for the proper collection and transportation of municipal waste generated from within their municipal borders to disposal facilities. A “disposal” facility in this context can be a regional transfer station, a landfill, or another type of permitted processing, drop-off or disposal facility. All municipal waste generated within Perry County must be transported to a duly permitted processing/ disposal facility, with larger haulers duly licensed by the State as required by Act 90.

Currently, all municipalities within Perry County rely on either direct hauling by the generator, by private subscription services, by municipal collection services, or through a

municipally-contracted private collection/hauling service for transportation of MSW from the curbside to a disposal facility.

Within the geographic boundaries of Perry County, there are no permitted waste transfer stations, landfills or resource recovery facilities. MSW from residents within the County can be transported to any of the disposal facilities in the surrounding area, as long as the site accepts self-hauled waste.

5.3.2.2 Transportation of Recyclables to Collection/ Processing Site

As with MSW, recyclables can be transported in three (3) ways to a collection/ processing facility or intermediate market: directly by residents and businesses, by waste haulers, or by municipalities. A “collection/processing” facility in this context includes a drop-off site, a transfer station, a materials recovery facility (MRF), or other suitable facility. Ultimately, the goal is for all segregated recyclables to be shipped to markets for reuse, or reused locally (such as inert materials for use as pipe bedding or aggregate).

Drop-off recycling sites can supplement curbside collection, and in areas where no curbside collection exists, provide the only opportunity for recycling. Drop-off recycling sites can enable a municipality to expand their current recycling program by enabling them to accept a broader range of materials from their residents than a hauler may collect. Typically, rural municipalities are not mandated to recycle under Act 101, and thus haulers may not offer curbside recyclables collection. Drop-off locations can provide residents the opportunity to recycle when their hauler does not offer it. There are no municipalities which are mandated to recycle within Perry County.

Drop-off locations can be permanent sites or mobile sites. Permanent drop-off sites are sites which contain recyclable drop-off containers at the same location year-round. Each drop-off site operates with specific hours and days of operation; this information is often available by calling the local municipality. It is a recommendation of this Plan Update that information on municipal recycling opportunities is expanded to be included on social media sites, i.e. Facebook, Twitter, etc., municipal calendars, County calendars, and the Perry County website. A permanent drop-off site may be located at a municipal building, a local park, a

local business parking lot or similar locations within the municipality. Mobile drop-off sites are typically moved from one location to another location, to offer recyclables collection to the maximum number of residents and geographic areas. Mobile sites may be beneficial in rural areas where a permanent site is not feasible, but where the residential desire to recycle more material is high.

Segregated recyclable materials, such as those collected at the municipally operated drop-off locations throughout Perry County, can be hauled directly to intermediate brokers or processors/ markets. Quantity, cleanliness and purity of the material, lack of contamination, and length of contract and contract terms are often factors that affect the prices paid (or owed) for recyclable materials delivery.

5.3.2.3 Waste Disposal Capacity Assurance in Perry County

Under Act 101, each County in Pennsylvania must secure municipal waste (MSW) disposal capacity to meet its needs for the next ten (10) years. There are a number of ways in which this requirement can be met. In Perry County, the County Commissioners have elected for this Plan Update to secure at least the minimum disposal capacity requirement at three disposal facilities that have historically taken over 98% of the County's waste and to allow municipal wastes to be disposed at any duly state-permitted processing/ disposal facility from Pennsylvania or from the state where it is located. This process to secure MSW disposal capacity was conducted in the winter of 2014/2015 using a Disposal Capacity Assurance Interest Letter and subsequent Submittal Forms. Disposal capacity and ceiling tipping fees were solicited for conventional MSW (from residential, commercial, and institutional sources), as well as for sewage sludge (in dewatered cake form), asbestos, incinerator ash, Infectious/ Chemotherapeutic waste (ICW), and Construction & Demolition Waste (C&D) disposal.

The Interest Letter also asked for Respondents to indicate 1) their willingness to further discuss, apart from disposal capacity assurance, ways in which the facility could potentially support the sustainability of recycling and integrated waste management in Perry County, and 2) their willingness to offer free disposal capacity at their sites on an annual basis to help

with open/ illegal dump cleanups in Perry County. These two items were optional, not mandatory, Disposal Capacity Assurance Interest Letter requests of Respondents.

The Disposal Capacity Assurance Interest Letter also requested waste transfer stations handling municipal wastes from Perry County to respond to the Interest Letter and agree to 1) manifest all municipal waste handled by original county of waste origin, and to 2) deliver any Perry County municipal waste only to processing/ disposal facilities approved in the Plan Update.

Submission packages were received by Barton & Loguidice, D.P.C. (B&L) in January 2015, and were reviewed in accordance with evaluation criteria outlined in the Interest Letter. A total of four (4) landfills, two (2) waste-to-energy facilities, and three (3) waste transfer stations responded to the Interest Letter.

All disposal Respondents agreed to accept waste at their facilities for both the five (5) year initial and subsequent five (5) year renewal period, for a total of ten (10) years. Clinton County Landfill agreed to donate 50 tons per year (TPY) of landfill capacity for non-profit and public cleanup events. Cumberland County Landfill and WM's Laurel Highlands Landfill agreed to donate 100 TPY of landfill capacity for non-profit and public cleanup events, while WM's Mountain View Reclamation Landfill agreed to donate 0.05% of the annual waste received from Perry County for non-profit and public cleanup events. The Lancaster County WTE and the SRMC did not agree to donate any tonnage toward non-profit and public cleanup events. All disposal submittals included a backup facility as required in the Interest Letter, in the event the primary contracted facility cannot continue to service the needs of Perry County as proposed. Not all facilities agreed to accept all fractions of MSW, including special handling wastes; however, among multiple facilities, the needs of Perry County were met. Additionally, all Respondents to the Interest Letter were asked to confirm that they are properly permitted to accept municipal waste and all did so.

All of the transfer station Respondents agreed to all terms of the Interest Letter, and returned a signed draft transfer station agreement to document their acceptance.

Appendix A contains Table 1 and Table 2, which outline the Interest Letter responses from the waste disposal facilities, and Table 3, which lists the proposed backup disposal facility for each Submittal.

All Respondents' submission packages were reviewed and considered complete by B&L, the SWAC and the Perry County Commissioners, upon further consideration/ clarification of the submissions and Interest Letter requirements. A review memorandum contained in Appendix A documents a summary of all submittals and the facilities that were recommended for inclusion in the Plan Update, based on review, discussion, and recommendation by the SWAC. The selected facilities are listed in Chapter 6 of the Plan Update.

The SWAC has chosen to recommend to the County Commissioners contracting with six (6) disposal sites, along with three (3) transfer stations and to allow municipal wastes to be disposed at any duly state-permitted processing/ disposal facility from Pennsylvania or from the state where it is located. Factors considered included proximity to Perry County, use of the primary existing facilities currently used by the private sector haulers, and the need to contract with multiple sites in order to provide for acceptance of all categories of municipal wastes. The details related to those selections are presented in Chapter 6 and in Appendix A. The six contracted disposal sites will provide more than the required minimum municipal waste disposal capacity assurance by Perry County for the next ten (10) years.

Since this Plan Update allows municipal waste to be taken to any duly-permitted disposal site in-state or out-of-state, it does not need to provide a process to add disposal facilities to the plan during the next ten (10) years. However, the County Commissioners reserve the right to consider submissions from, and to include, additional facilities in the Plan Update within the next ten (10) years if circumstances, in the opinion of the County and in the best interest of the County, require it. Any disposal facilities added to the Plan Update after the 2015 Plan Update finalization must pay any and all costs to revise the Plan and its documents as needed to include the respective facility, unless other arrangement are made with the County.

The facilities selected through the Interest Letter process will enter into a waste disposal capacity agreement fully aware of the amount of waste they have to accept and the ramifications this will have on the life of their facilities and their permit status. Disposal facilities are also aware that they may receive limited amounts of waste or no waste at all from Perry County sources as explicitly stated in the agreement.

It is the intent of the County to enter all new waste transfer and waste disposal agreements with selected facilities by the time this Draft Plan Update is adopted by the County. At that time, copies of the executed transfer and disposal contracts will be placed in Appendix L of this Plan Update.

5.3.2.4 Hauling Cost Considerations of Contracted Waste Transfer and Disposal Sites

The cost of waste services is a function of three factors: collection cost, hauling cost, and disposal tip fee. Typically, more distant sites, or sites that take longer to travel to, result in a higher hauling component of waste management costs. Also, hauling to nearby transfer stations can often lessen the hauling cost of the curbside waste collector, reduce wear and tear on his vehicles, and get a collection crew back on its routes to collect waste, while allowing for a more economical haul by large transfer trailers (bigger payload) to distant disposal sites.

5.3.3 Yard Waste and Food Waste/ Organics Composting

Currently, there are no County operated yard waste composting facilities in Perry County. There are a few municipalities in Perry County that collect leaf and yard waste from their residents and either compost this material at a municipal location, or transport this material to a private sector composting facility.

5.3.4 Special and Non-curbside Materials Recycling

There are a number of materials that are recyclable but which are not generated on a daily or weekly basis and which are not regularly collected at the curbside or in the workplace. Perry County has a number of private sector recyclers that will accept these items at their facilities. Chapter 4 provides information on the larger private recyclers in Perry County. Additionally,

residents are encouraged to visit the Perry County website to determine outlets available within their region for specific recyclable material. A recommendation of this Plan Update is for Perry County to continue to maintain information regarding private recyclers and hard-to-recycle materials on their website.

It shall be noted that Keep Perry County Beautiful participated in the Ninth Annual Tire War in late 2014 and won. The organization collected 1,613 tires from residents of Perry County. It is recommended that Perry County continue to advertise this event and encourage residents to participate by properly recycling their used/unwanted tires. It is recommended that information for this event be located on the Perry County website and sent to residents of Perry County through social media, newspapers, local news stations, etc.

5.3.5 Appliance Recycling

Currently, Burn's Appliances accept appliances with Freon for a fee from residents of Perry County. Residents of Perry County may also take advantage of special collection events held by municipalities throughout the year, which often accept appliances, free of Freon. Additionally, many of the large hardware stores will remove old appliances when they deliver a new appliance. This may come with a fee or may be free with delivery. PPL also has a take back program that residents of Perry County may take advantage of. Residents are encouraged to contact local hardware stores to ask about their recycling options for appliances. Specific provisions for proper recovery of Chlorofluorocarbon refrigerants (Freon) will be required of whatever entity handles these materials, so as to comply with Section 608 of the US Clean Air Act.

At this time, it was determined that appliance recycling is not a critical item, as identified by the members of the SWAC, over the ten (10) year planning period. It is a recommendation of this Plan Update to include information on Perry County's website regarding appliance recycling availability through local hardware stores and special collection events. It is also a recommendation for Perry County to work with disposal facilities to offer special collection events, throughout the County, annually. It is recommended that appliances be accepted at these collection events.

Unfortunately, with the requirements for Freon removal, accepting appliances at existing drop-off centers can be difficult. Two initial concerns with accepting appliances at drop-off centers are the size of the material and Freon. Many drop-off centers in Perry County are currently managed at the municipal level and are not operated 24/7 with an attendant. There is not enough room or oversight at these facilities, currently, to effectively accept appliances. It is a recommendation of this Plan Update to continue to work with the private sector and local municipalities to expand their current drop-off centers. If current drop-off centers are expanded to include attendants or other forms of monitoring and if they have the available space, appliances may be added to the materials accepted at these facilities. Prior to acceptance of appliances, the facility will need to determine an outlet for the appliances and understand any requirements from the outlet for the appliances to determine if collection is possible. It is recommended that Perry County continue to provide guidance to municipalities interested in expanding their drop-off centers for the acceptance of appliances. It is also recommended that Perry County work with municipalities, if they develop appliance recycling at their drop-off centers, to provide education to residents.

5.4 NEW PROGRAM RECYCLING GOALS AND OPPORTUNITIES

It is always a challenge to increase recycling, especially in areas of low population density. In an effort to provide residential and commercial recycling opportunities in rural areas of Perry County and increase the amount of material recycled, B&L, in coordination with the Conservation District, developed a large number of initiatives and programs that can potentially enhance recycling in Perry County over the ten (10) year planning period. This list was shared with the members of the SWAC and the members of the SWAC were asked to rank these initiatives by order of importance for implementation over the ten (10) year planning period. The following initiatives were ranked “most critical” by members of the SWAC.

Municipal Recycling Recommendations:

- Develop new permanent recyclables drop-off facilities with convenience in mind
- Encourage contracted residential curbside recyclables collection through draft contracts supplied to municipalities
- Develop a method for more comprehensive reporting of recyclables collection to the County

Special Recyclables Recommendations:

- Develop semi-annual County-wide HHW collection events
- Develop semi-annual County-wide e-waste collection events
- Develop a year-round permanent e-waste collection facility
- Contract with waste haulers for curbside HHW and/or electronics collection

Educational Priorities:

- Encourage the development of municipal newsletters that include waste and recycling information
- Develop education for residents on the negative side effects of burning waste and recyclables
- Develop a plan to target each sector present in the County (i.e. colleges, elementary schools, etc.) to encourage/support recycling and discuss waste collection/reduction methods
- Update Perry County website to be more user friendly and contain information about waste and recycling
- Develop a County newsletter that includes waste and recycling information
- Encourage schools to develop recycling programs
- Educate members of the County staff, County Commissioners, etc. so that all “core” local members understand the County’s waste and recycling initiatives, goals, options, etc.
- Develop a community calendar that includes waste and recycling information
- Require and/or encourage haulers to provide education and/or helpful hints to residents and the County semi-annually, informing them on how to and what to recycle and how to dispose this material
- Encourage big event activities to recycle by recognizing how much of the event waste goes into the trash
- Develop newspaper advertisements to educate residents
- Develop a method to reach out to the commercial businesses in the County to discuss recycling, obtain recycling tonnages, etc.
- Encourage the development of school competitions to get the community involved in recycling, or the participation in other state and national recycling/waste collection competitions

Other General Recycling and Waste Goals:

- Purchase surveillance cameras that move around to different drop-off sites
- Develop a hotline for illegal dumping and open burning reporting
- Encourage contracted residential curbside waste collection through draft contracts supplied to the municipalities
- Encourage semi-annual (at minimum) spring cleanup collection events (sponsored by the municipalities/private sector)
- Encourage Pay-As-You-Throw waste disposal systems with local haulers

5.5 Waste and Recycling System Recommendations

The overarching goal of the 2015 Perry County Municipal Waste Plan Update is to offer an integrated program of waste management and recycling programs to the residents and businesses of Perry County that

- Is efficient
- Is affordable
- Protects the environment
- Maximizes the availability of practical recycling and waste reduction opportunities
- Is sustainable in the long term.

A long term, distant, goal of approaching zero waste will be built on a foundation of significant increased waste diversion during the term of this waste plan. In order to achieve a zero waste goal in the distant future, there are a number of significant factors that will require consideration by the County, such as securing financial funding for increased recycling programs and education, hiring and/or maintaining a full time recycling coordinator, promoting source reduction from commercial and industrial businesses, and significantly increasing their public outreach to local industries, commercial businesses and residents. Additionally, the County may not be able to solely rely on private industry for recyclables collection in order to meet a zero waste goal and may need to consider municipal and/or County funded recyclables collection and processing. Although there are many factors to consider when developing a municipal and/or County ran recyclables program, a few considerations shall include locating markets for recyclable material and recognizing the potential need to store material prior to shipping to the markets, which may require a facility.

Based on these reasons, a zero waste goal is considered a very distant goal for Perry County at this time.

The following measures are components of the recommended integrated waste and recyclables management program for Perry County in order to reach 25% recycling by 2030.

5.5.1 Waste and Recyclables Collection Recommendations

5.5.1.1 Recommendation C1 Mandatory Waste Service – The Plan Update recommends that all residents and businesses in the County have access to, and utilize, proper municipal waste collection and disposal services. Everyone makes waste, even if only a small amount and everyone should have service to properly dispose of or recycle that waste. The single biggest factor increasing improper disposal practices is a lack of convenient, affordable and required waste/recycling services. A significant number of municipalities do not oversee or facilitate waste or recycling services at all, and very few require that all residents and businesses have regular service. The Plan Update recognizes the subscription and contract bidding services that currently serve the County, as well as the purchased per-bag system serviced by Cocolamus Creek Disposal and Sylvester's, and acknowledges that municipal or contracted collection may be another feasible option for consideration in the future. A requirement to have service does not mean that curbside collection service will necessarily be required in the most isolated parts of the County; it simply means that some sort of service be made available to everyone and that they are required to utilize some type of service.

5.5.1.2 Recommendation C2 Contracted Waste/Recycling Collection – The availability of cost-effective waste and recyclables collection services is recommended. Most areas of the County currently have subscription service only. Municipal bid collection services have been shown in this County and in other areas of Pennsylvania to be cost-effective and to provide an opportunity to include recycling, bulky waste pickup, and other services to be bundled with waste collection services in the bid package. Bidding often results in competitive pricing. While this is a local municipal decision, this Plan Update recommends that municipalities consider bidding for contract services as a means to expand services, provide services to all residents, and ensure competition for cost-effective services. It is recommended that municipalities with contracted collection and those interested in

contracted collection include in their request for bids, options that require haulers to provide pricing for services such as curbside recyclables collection, curbside HHW collection, curbside e-waste collection, pay-as-you-throw options, etc. It is also recommended as part of this Plan Update that all contracts for waste and/or recycling include a mandatory requirement for haulers to provide education to residents, quarterly, through flyers, that describes recycling opportunities, materials accepted, waste minimization techniques, grasscycling, backyard composting, etc. This material shall be required to be approved by Perry County prior to distribution. Particularly in the more suburban parts of the County, the Plan recommends that municipalities consider bidding for curbside recycling as part of a bundled service, or as a separate bid for recyclables collection only. A template bid document for a municipal bidding of services is provided in Appendix I.

5.5.1.3 Recommendation C3 Voluntary Residential Curbside Recycling Collection–

Mandatory curbside recycling for all suburban communities is ideal. Where a municipality does not require curbside recycling, this Plan Update recommends that “optional curbside recycling” be required via municipal adoption of an ordinance that requires any subscription hauler operating within the municipality to provide curbside recycling services to a customer that requests it. (This can be at additional cost to the customer or the municipality can require that fully integrated service be the standard service.) This should not be a financial hardship on waste haulers since they are often providing that service in adjacent municipalities already. A template ordinance to implement this is recommendation in Appendix I.

5.5.1.4 Recommendation C4 Establishment of Convenient Pay-Per-Bag Supplies –

It is recognized that many municipalities in Perry County currently utilize a pay-per-bag system offered by CCD and Sylvester’s. It is assumed that this system will be in place throughout the ten (10) year planning period in, at least a portion, of the municipalities in Perry County. Therefore, it is a recommendation of this Plan that Perry County coordinates with CCD and Sylvester’s to offer their bags for waste and recyclables collection in more locations throughout the County, for the convenience of residents. It is recommended that this roll-out of bags offered at various establishments is conducted over the ten (10) year planning period. Some recommended locations for the bags are municipal buildings, grocery stores, drug stores, and hardware stores. It is also a recommendation of this Plan that Perry

County coordinates with CCD and Sylvester's to provide education to residents on their pay-per-bag system, i.e. how much bags cost, routes they may be dropped on, what can be recycled, etc.

5.5.1.5 Recommendation C5 Establishment of Pay-Per-Bag System Electronically –

Currently, residents of Perry County are required to purchase bags, for CCD or Sylvester's pay-per-bag system, at a designated location. It is a recommendation of this Plan that Perry County work with CCD and Sylvester's to recommend that the haulers offer residents the ability to purchase waste and recycling bags online and have them delivered to their home. The option to purchase bags online and have them delivered to the resident's home will make access to this program easier for residents of Perry County.

5.5.1.6 Recommendation C6 Standardization of Recyclable Materials – It is a recommendation of this Plan Update that Perry County encourages municipalities to consider the standardization of recyclable materials collected curbside through contracted collection, as compared to other contracted curbside recyclables collections throughout the County in years five (5) through ten (10) of the ten (10) year planning period. It is recommended that municipalities work with other municipalities to determine the types of recyclable materials collected by local waste haulers from their residents in order to require collection of the same recyclables materials curbside, as part of their contracts.

5.5.2 Waste and Recyclables Transportation

5.5.2.1 Recommendation T1 Transfer of Waste – The Plan Update supports the continued reliance on the private sector for waste hauling services, including the option of waste transfer to take the County's municipal waste to out-of-County disposal sites. The Plan Update recommends the County enter into contracts with two (2) private transfer stations and one (1) public transfer station that responded to the Interest Letter, to provide waste transfer services and recordkeeping in accordance with the Plan Update.

5.5.2.2 Recommendation T2 Transfer of Recyclables – The private sector provides recyclables transfer services for materials that it either collects or that are dropped off to its system. Some municipalities also collect recyclables through drop-offs. The Plan Update recognizes the variety of public and private sector means used to collect and transport

recyclables to processors, and to intermediate and end-markets. As the term of this Plan Update is ten years, Perry County recognizes that the recycling infrastructure within the County can change significantly by the end of that term. Perry County, therefore, reserves the option to explore and implement a greater role in the recycling system if the circumstances make such a change to be in the best interests of their recycling program.

5.5.2.3 Recommendation T3 Registration for Waste/Recycling Haulers – As of the 2005 Plan Update, it is no longer legal to license haulers at the County or municipal level, instead PADEP has created a statewide licensing program for waste haulers. This licensing program is applicable to waste vehicles over 17,000 pounds GVW. It is legal to establish a registration program at the County or municipal level for these vehicles. It is a long term recommendation of this Plan Update to establish a registration program for waste vehicles over 17,000 pounds GVW at the County level in years five (5) through ten (10) of the ten (10) year planning period. It is recommended that this registration program includes specific requirements of the hauler. A short term goal of the Plan Update is to work with local haulers to retrieve accurate tonnages of both waste and recyclables collected within Perry County's borders. The retrieval of tonnages may be worked into a preliminary registration program in the first five (5) years of the planning process.

The long term registration program shall require waste haulers, operating in Perry County, to:

- Continue to report recyclables collection tonnages monthly to the County,
- Continue to report waste collection tonnages annually to the County,
- Provide direct education to residents quarterly on waste and recycling (Perry County shall be responsible for providing the hauler information for each quarterly education brochure),
- Participate in the production and distribution of an annual county calendar and/or quarterly newsletter that includes waste and recycling information, in coordination with Perry County Conservation District and/or the Perry County Planning Department
- And provide Perry County an annual list of recyclable material collected (if material collected changes, Perry County and County residents must be notified prior to the first collection, in writing).

Additionally, the PADEP waste vehicle licensing program does not include waste vehicles under 17,000 pounds GVW. It is a recommendation of this Plan Update that Perry County considers licensing waste vehicles operating in Perry County under 17,000 pounds GVW. Licensing of vehicles less than 17,000 pounds GVW may include the payment of a small fee to operate within Perry County, as well as include the same registration requirements for waste vehicles over 17,000 pounds GVW. This may be advantageous if there are a large number of self-haul or small scale waste haulers operating in Perry County, where the material arriving at the disposal facilities violates other requirements and recommendations of this Plan Update.

5.5.3 Waste Disposal

5.5.3.1 Recommendation D1 Waste Disposal Capacity – The Plan Update calls for all municipal waste generated in the County, including Special Handling Waste, to be disposed at duly-permitted disposal sites for these wastes by the state in which they are located. To meet the minimum requirements of municipal waste capacity assurance, and for related reasons explained in Chapters 5 and 6, this Plan Update recommends the County enter contracts with six (6) selected disposal sites to assure disposal capacity over the ten (10) year planning period.

5.5.4 Management and Sustainability of Programs

5.5.4.1 Recommendation MS1 Full Time or Part Time Recycling Coordinator for Perry County – There is an overwhelming need for the expansion of recycling in Perry County, as a result of the SWAC meeting discussions. In order to implement many of the recommendations listed in this Chapter, it may be necessary to have a staff person available on a full time or part time basis. It is a recommendation of this Plan Update that Perry County considers hiring a full time or part time Recycling Coordinator to implement and maintain the programs currently in place and to implement the recommendations in this Chapter. The PADEP awards Section 903 grant funds to eligible counties in Pennsylvania for 50 percent reimbursement of the approved cost of their county recycling coordinator's salary and expenses. Applications are submitted annually by April 30th for the previous calendar year.

The role of the Recycling Coordinator shall include continuing to manage and coordinate the County's recycling programs where affordable and feasible, to look for ways to expand feasible programs in the future, and to secure new funding sources and sponsorships to support current and expanded programs.

At the time of Plan Development, Perry County was actively seeking a Part Time Recycling Coordinator.

5.5.4.2 Recommendation MS3 Program Support and Funding Options – All of the Interest Letter Respondents indicated a willingness to further discuss ways to support the sustainability of the County's integrated waste and recycling programs in the future. This Plan Update recommends Perry County initiate further discussions with disposal sites to determine if new means of program support and sustainability can be developed. It is also recommended that Perry County continue to work with municipalities, haulers and other stakeholders to help facilitate new sponsorships of current or new recycling and waste diversion programs and educational efforts. A list of the services initially offered by the disposal facilities, as part of the Interest Letter response, is included in Appendix A.

5.5.5 Recyclables Drop-offs

5.5.5.1 Recommendation D01 Drop-off Recycling – This Plan Update recommends that Perry County continues to work with the private and public sector to maintain the current recyclables drop-offs in the County. Additionally, it is recommended that Perry County work with local private recyclers, haulers, municipalities, and waste disposal facilities to establish two (2) additional permanent drop-off facilities for recyclables collection within the first five (5) years of the ten (10) year planning period. This may be accomplished by converting a temporary drop-off to a permanent drop-off, establishing a key card program at an existing temporary drop-off or at a new drop-off facility, and/or encouraging municipal partnerships to establish or expand recyclables drop-off facilities that are open to residents of multiple municipalities.

As part of the SWAC meetings, it was concluded that residents in Perry County want more access to permanent drop-off recycling locations to supplement the lack of curbside

recyclables collection currently available to County residents. One alternative to “free” drop-off recycling locations, which still incur a cost to maintain and service (typically paid for by the municipality and/or County), is to establish a key-card accessed drop-off location. Residents, in a key-card access area, pay for a card to be able to access the recyclables drop-off facility 24 hours a day, 7 days a week. The convenience of dropping off recyclables in coordination with a resident’s own schedule is an attractive advantage of a key card program. The annual fee associated with the key card helps pay for the maintenance of the location, service of the bins, and maintenance of the electronic key card program. Although there are some up front capital costs involved with establishing a key card program, such as site access, electricity, fencing, etc., these capital costs can be paid back in as little as one (1) year with 50% or more participation by the residents. Based on the current access to recyclables collection, the SWAC recommended key card drop-off locations in the following municipalities as a pilot program, prior to expansion; Oliver Township and Newport Borough. The reason these locations were selected are their current programs were abandoned during the plan development process and there is currently a drop-off location available, which already has fencing, which may easily be converted to a key card location. The key card program, including financial cost estimates for the establishment of the key card locations, is described in more detail in Appendix H. It is a recommendation of this Plan Update to consider the establishment of a key card accessed drop-off location in the first five (5) years of the planning period. At the time of plan narrative development, Sally Tengeres of the Perry County Conservation District was working with representatives from both Oliver and Tyrone Township to coordinate the development of the key card program.

Local groups and organizations may also offer support through volunteering at the key-card drop-off locations, helping with waste sorts, spreading education to residents and businesses regarding recycling, etc. Some of these groups and organizations for out-reach include, but are not limited to, the Boy Scouts, the Girl Scouts, the Future Farmers of American (FFA) and the FFA Alumni. Support from municipalities is crucial to the financial sustainability of these special wastes, recycling and composting efforts, as many of these programs may be implemented and managed at the municipal level.

5.5.6 Open Burning

5.5.6.1 Recommendation OB1 Anti-burn Ordinance for Recyclables – Open burning of municipal wastes, including recyclables, is a waste of resources, creates air pollution, and can

be an unsafe and risky practice, especially during times of high fire hazard risk. In order to qualify for some Act 101 grants, PADEP requires that areas served by the grant must prohibit the burning of recyclables. This Plan Update therefore recommends that all municipalities in the County adopt an anti-burning ordinance for recyclables. For purposes of this provision, this should include a ban on the burning of traditional residential and commercial curbside recyclable materials.

At the time of Plan Update preparation, the traditional residential and commercial curbside recyclables included:

- All colors of glass bottles and jars
- Aluminum and steel cans
- Plastic bottles and jugs
- Mixed printed paper (including office paper and paper envelopes, newspaper, magazines and catalogs)
- Cardboard (including both paperboard and corrugated cardboard)

Appendix I contains an example ordinance template for municipal use in creating this anti-burn ordinance.

5.5.6.2 Recommendation OB2 Anti-burn Ordinance for Waste – Since so many different kinds of paper, cardboard and yard waste are now recyclable or compostable on a widespread basis, and since food and beverage containers (glass, metals and plastics) are easily recycled, there is very little left in the waste stream to legally or safely burn. For all of the reasons stated in OB1 and here, the Plan Update recommends that municipalities in the County consider adopting a burn ban on all municipal wastes within their borders.

Appendix I contains sample burn ordinances for use in pursuing this recommendation.

5.5.7 Illegal Dumping

5.5.7.1 Recommendation ID1 Illegal Dumping – The Plan Update supports the elimination of illegal dumping in the County. It is especially important that municipalities understand that comprehensive, convenient and affordable waste and recycling services are the primary contributor to the reduction of improper disposal practices, and municipalities should, therefore, facilitate their implementation. Further, the Plan Update supports cleanup

and educational efforts to help remove materials from existing illegal dumps and to educate residents and businesses on the reasons not to illegally dispose of municipal wastes and recyclables. To offer community service support, four (4) of the six (6) disposal capacity assurance contractors under this Plan Update include an allowance for public and non-profit groups to dispose of limited quantities of dump cleanup materials at the disposal sites for free; the contracted disposal sites offering free disposal of dump cleanup waste over the next ten (10) years include Clinton County Landfill, Cumberland County Landfill, Laurel Highlands Landfill, and Mountain View Reclamation Landfill.

It is also a recommendation of this Plan Update that Perry County contact Keep Pennsylvania Beautiful to apply for their Illegal Dump Surveillance Support Pilot Program Grant. This grant was established to provide organizations with three high quality surveillance cameras and provide training and technical assistance to help capture evidence at active, illegal dumpsites. It is a recommendation of this Plan Update that Perry County considers purchasing additional surveillance cameras through County funding and/or donations to place at active illegal dumpsites, based on the success of the Keep Pennsylvania Beautiful surveillance cameras. It is recommended that the surveillance cameras, both from the pilot program and potential County-owned cameras be placed at illegal dumpsites during year five (5) through ten (10) of the ten (10) year planning period.

5.5.8 Yard and Food Waste/ Organics Composting

5.5.8.1 Recommendation OC1 Curbside Organics Collection – It is recommended that the two (2) municipalities currently offering residents curbside organics collection maintain these programs. It is also a recommendation of this Plan Update that municipalities that develop an RFP for waste and recyclables collection during the ten (10) year planning period, or whose existing contract expires during the ten (10) year planning period, consider including an option in the RFP for curbside organics collection to determine the estimated cost to residents for this service. If the cost to residents is reasonable, a municipality may consider including this option in their final contract for waste and recyclables collection.

At this time, it was determined that expansion of curbside organics collection is not a critical item, as identified by the members of the SWAC, over the ten (10) year planning period. Curbside organics collection may be revisited during the ten (10) year planning period, by

municipalities that contract for waste collection, as part of their bidding options, if funding for curbside organics collection becomes available and the interest in the community to participate in curbside organics collection makes the economics justifiable.

5.5.8.2 Recommendation OC2 Operation of Compost Facilities – It is recommended that the two (2) municipalities currently operating a municipal compost facility maintain these facilities. It is recommended that Perry County offer support for these facilities, when available. At this time, it was determined that development of County operated compost facilities are not a critical item, as identified by the members of the SWAC, over the ten (10) year planning period. Development of compost facilities may be revisited during the ten (10) year planning period, if funding for composting becomes available and the interest in the community to participate in composting makes the economics justifiable.

5.5.8.3 Recommendation OC3 Food Waste Composting – At this time, it was determined that food waste recovery and subsequent composting is not a critical item, as identified by the members of the SWAC, over the ten (10) year planning period. Food waste recovery may be revisited during the ten (10) year planning period, if funding for food waste recovery becomes available and the interest in the community to participate in food waste recovery makes the economics justifiable.

5.5.9 Increasing Recycling

5.5.9.1 Recommendation R1 Forms 11, 12 and 13 Reporting of Recycling - It is a recommendation of this Plan Update that Perry County continue to strive to collect all available data on recycling diversion of Perry County recyclables. Forms FM-11, FM-12 and FM-13 were created by PADEP to report recyclables tonnages diverted from the waste stream from drop-offs, collection events, businesses, and haulers. This form may be revised to pertain to the specific sector's recycling practices. It is recommended that Perry County distribute this form to local businesses, municipalities, local private recyclers and haulers. It is recommended that Perry County requests monthly reports of recycling collection from these sectors, submitted on the reporting form. Additionally, it is a recommendation of this Plan Update that Perry County develop a method to track recyclables tonnages monthly at the County level, based on data received on the recycling tonnage report form. This may be in the form of an excel spreadsheet. It is recommended that the recycling report be

distributed to major recyclers in the first five (5) years of the ten (10) year planning period. It is also recommended that Perry County continue to roll-out the recycling tonnage report to additional recyclers over the ten (10) year planning period.

5.5.9.2 Recommendation R2 Corrugated Cardboard Recycling – With an aspiration to work towards the Pennsylvania state recycling goal of 35% recycling diversion in the coming decade (20% or more within the next ten (10) years, as projected in Table 3-4 in Chapter 3), it is recommended that corrugated cardboard recycling be maximized, and that all reasonable efforts be employed to avoid the disposal of this valuable resource. Corrugated cardboard is a readily available recyclable material both residential curbside and commercially in the County and throughout much of Pennsylvania, therefore it is recommended that municipalities consider placing a ban on disposing of this material with their waste, at least in the more suburban and urban areas.

5.5.9.3 Recommendation R3 Electronics Recycling – In order to address the recovery of electronics that are now required to be recycled under the Covered Device Recycling Act (Act 108 of 2010), the SWAC determined electronics recycling is a critical issue in Perry County. Further information on the CDRA Act and electronics recycling is included in Appendix E. Based on this determination, this Plan Update will focus on making recommendations for electronics recycling over the ten (10) year planning period.

There are several private industries, in and around Perry County, that accept electronics for recycling, such as Goodwill Keystone Area, Best Buy, RadioShack, OfficeMax, Lowe's, Target, Staples, and Home Depot, to name a few. Residents are encouraged to contact these facilities to determine what materials they accept.

The Goodwill Keystone Area – Dell Reconnect location, located at 19 N. 2nd Street in Newport, will accept any brand of computer equipment in any condition from consumers and they will recycle it for free. They also accept just about anything that can be attached to a computer. A list of the items they accept is included in Appendix D. Residents are required to back up data and wipe the hard drive before dropping their items off at the facility.

It is a recommendation of this Plan Update that Perry County continue to work with local municipalities to offer guidance and support, when available, for safe electronics handling and recycling. It is recommended that Perry County focus on educating residents on the CDRA Act and how this Act impacts residents and their electronic waste.

Although Act 155 of 1994, The Household Hazardous Waste Funding Act, does not reimburse for the collection and transportation of items listed under the CDRA, it will reimburse up to 50 percent of the developmental and operational costs associated with collecting and transporting electronic items that are **NOT** covered under the CDRA. The event/program must be registered and approved using the current HHW registration form through PADEP. Reimbursable costs include:

- Costs associated with advertising and public education (expenses only)
- Costs associated with the collection of electronic devices that are **not** covered under the CDRA. If the program collects covered devices along with other types of electronics, the sponsor of the program will need to pro-rate the costs based upon the amount of each type of material collected. Costs associated with the collection, transportation and recycling of covered devices is **not** eligible for reimbursement.

It is a recommendation of this Plan Update that Perry County investigate funding opportunities to establish and maintain a semi-annual electronics collection program (which may be held in conjunction with a HHW collection event) that is open to all residents of the County. It is also recommended that Perry County registers and receives approval of an e-waste/HHW program, prior to final development, to allow Perry County to apply for grant reimbursement. It is recommended that a County-wide electronics collection event be established during the first five (5) years of the ten (10) year planning period.

It is recommended that Perry County consider other funding and/or sponsorships for an electronics collection event. It is recommended that Perry County reach out to local private industry to solicit sponsorships for an electronics collection event, which may offset the costs for the County. Sponsors may include manufacturers of electronics, local interest groups, e-waste recyclers, etc. It is recommended that Perry County determine if private industries, who currently accept electronics for recycling, are interested in recycling e-waste material

that is collected during an e-waste collection event. A public/private partnership may be developed for collection and transportation/recycling of e-waste material.

Additionally, partnering with an established electronics recycler, such as Covanta (with an e-waste collection facility in Philadelphia), Reverse Logistics, or All Green Electronics, may benefit the County by establishing a contracted rate for an electronics collection event, which the County may pass on to residents who utilize the event. As part of the Plan Update, phone calls were made to large recyclers who advertise electronics collection events in and around Perry County. A company called All Green Electronics, based in California, with a warehouse in Virginia, was willing to collect electronic material after an electronics collection event in Perry County. This company stated that they required the County (i.e. staff, volunteers, etc.) to collect the electronic material, place the material in cardboard boxes on pallets and shrink wrap the material. The County was required to schedule the pick-up of the pallets (Monday through Friday) with All Green Electronics.

During the phone call with All Green Electronics, the company stated that they are looking to expand in the near future on the East Coast, which may allow them to host e-waste collection events in Perry County. It is recommended, that if Perry County goes with a private recycler, such as All Green Electronics, the event is held on a weekday. This will minimize the amount of time electronics are sitting at the collection site. It is recommended that Perry County continue to investigate available e-waste recyclers in and around Perry County and, once selected, it is recommended that the County choose a collection site that is easily accessible for residents and appropriate for the e-waste recycler chosen. Security of these sites shall be considered as well.

It is a recommendation of this Plan Update to consider incorporating e-waste collection into the larger community events that take place in Perry County, annually. Offering residents of Perry County an e-waste collection event, during a high traffic event will increase the amount of e-waste collected and potentially decrease the amount of e-waste disposed illegally.

It is a recommendation of this Plan to investigate curbside electronics collection options for residents of Perry County. For the municipalities in Perry County that currently contract for municipal waste collection and for those municipalities that consider this option in the

future, it is recommended to include an option in the bid document, when requesting bids for a new contract/term, for curbside collection of electronics. This will require the waste hauler to bid on this portion of the waste collection contract. Depending on the cost to residents for this service, a municipality may decide whether or not to include this option in their waste collection contract. A recent example of including curbside collection of electronics in a waste collection bid is Millcreek Township in Erie County. Millcreek Township received bids from waste haulers for curbside electronics collection and determined that the cost to residents, for this added service, was appropriate and cost effective. Residents in this Township are offered year round collection of electronics curbside through the contracted waste hauler. Residents are required to call an 800 number set up by the waste hauler to schedule a pick-up. The waste hauler sends a household hazardous waste (HHW) kit (used for both HHW and electronics collection) to a resident's home, which the resident is required to use for their electronics items. The waste hauler will give residents a collection day during the initial call. Residents are expected to leave their HHW kit outside of their door on the collection day given.

Additionally, it is recommended that municipalities with contracted service include an option in their bid documents that allows for residents to drop-off electronic material to a designated location (i.e. municipal building, drop-off center, etc.) as part of their waste collection contract. This will allow residents from apartment, condo, and townhome complexes, as well as residents from mobile home parks (if not included in the service route) to recycle electronic material. It is recommended that these residents also be required to call a designated number and schedule a collection through a partnership with the hauler and municipality.

Lastly, it is a recommendation of this Plan Update that Perry County consider the development of a year round permanent e-waste collection facility. Funding for this facility may come from fundraising, local businesses, local private sector waste and recycling industries, PADEP grants, municipal contributions from recycling performance grants, private industry, etc. It is recommended that development of the e-waste collection facility is investigated in year five (5) through ten (10) of the ten (10) year planning period. At this time, funding for a permanent e-waste collection facility is not available at the County level. In addition to funding, factors such as location and surveillance will need to be considered. Developing a permanent e-waste collection facility may require a feasibility study, a source

of revenue, a fatal flaw analysis, permitting, legal aid, public access evaluation, and other factors. It is recommended to enlist the aid of professional services prior to developing a permanent e-waste collection facility.

5.5.9.4 Recommendation R4 Household Hazardous Waste Collections – This Plan Update recommends that Perry County continue to support municipally sponsored household hazardous waste (HHW) collection program events, with available resources. The scope and frequency of such collections shall be dependent upon the resources and support available to the municipalities and Perry County. Additionally, it is a recommendation of this Plan to work toward conducting at least semi-annual HHW collection events at the County level, as funding becomes available.

Act 155 of 1994, The Household Hazardous Waste Funding Act, will reimburse 50 percent of the developmental and operational costs for the collection and transportation of household hazardous waste items. The event/program must be registered and approved using the current HHW registration form through PADEP. Reimbursable costs include costs associated with advertising and public education (expenses only).

It is a recommendation of this Plan Update that Perry County investigate funding opportunities to establish and maintain a HHW collection program (which may be held in conjunction with an electronics collection event). It is also recommended that Perry County registers and receives approval of an HHW/e-waste program, prior to final development, to allow Perry County to apply for grant reimbursement. It is recommended that a County-wide HHW collection event be established during the first five (5) years of the ten (10) year planning period, be held semi-annually, and be open to all residents of Perry County.

Perry County will also continue to work with municipalities and private industry to add HHW collection at drop-off sites and/or events, where feasible. There are elements to be considered when adding HHW collection to a municipal drop-off center. Due to the nature of the material, it is recommended that HHW only be accepted at a monitored drop-off center, by an attendant to ensure non-compatible materials are stored appropriately. Additionally, it is recommended that HHW collection occur at a drop-off center within a building or, at minimum, under roof cover. Again, due to the nature of this material,

stormwater shall not come in contact with HHW material. It is a recommendation of this Plan Update that Perry County provides guidance to municipalities and the private sector on HHW collection at drop-off centers, if these entities are interested in adding this material.

Additionally, Perry County will continue and broaden their education for residents on available outlets for HHW items through their website, flyers, public announcements, etc., as funding for education is available. It is a recommendation of this Plan Update for Perry County to work with the private sector, both haulers and disposal facilities to provide such education for residents of Perry County.

It is also a recommendation of this Plan Update to investigate curbside HHW collection options for residents of Perry County. For the municipalities in Perry County that currently contract for municipal waste collection and for those municipalities that consider this option in the future, it is recommended to include an option in the bid document, when requesting bids for a new contract/term, for curbside collection of HHW. This will require the waste hauler to bid on this portion of the waste collection contract. Depending on the cost to residents for this service, a municipality may decide whether or not to include this option in their waste collection contract. A recent example of including curbside collection of HHW in a waste collection bid is Millcreek Township in Erie County. Millcreek Township received bids from waste haulers for curbside HHW collection and determined that the cost to residents, for this added service, was appropriate and cost effective. Residents in this Township are offered year round collection of HHW curbside through the contracted waste hauler. Residents are required to call an 800 number set up by the waste hauler to schedule a pick-up. The waste hauler sends a HHW kit to a resident's home, which the resident is required to use for their HHW items. The waste hauler will give residents a collection day during the initial call. Residents are expected to leave their HHW kit outside of their door on the collection day given.

Lastly, it is recommended that municipalities with contracted service include an option in their bid documents that allows for residents to drop-off HHW material to a designated location (i.e. municipal building, drop-off center, etc.) as part of their waste collection contract. This will allow residents from apartment, condo, and townhome complexes, as well as residents from mobile home parks (if not included in the service route) to recycle

HHW material. It is recommended that these residents also be required to call a designated number and schedule a collection through a partnership with the hauler and municipality.

5.5.9.5 Recommendation R5 C&D Waste and Recycling – Perry County currently relies on existing infrastructure for managing C&D waste that involves a combination of recycling and disposal. Several private sector entities accept materials that can be recycled including drywall, concrete/masonry, and clean wood waste. The remainder is landfilled or used as clean fill by both private and public sector operators. The current system may be adequate to manage the processing of C&D waste generated in the County, but the implementation of widespread recycling is currently in the very early stages. Additional recycling of C&D wastes in the future is feasible and recommended in this Plan Update.

It is also a recommendation of this Plan Update that Perry County reaches out to private C&D recycling companies in the surrounding area to gauge interest in establishing a satellite site in Perry County, work with Perry County to hold C&D collection events, and/or establish/service a permanent C&D recyclables collection location at one of the municipal drop-off locations. C.D.R., Inc. is a trash transfer station located in Southampton, PA. It accepts debris from commercial haulers and residents with any size load. Their staff separates material that can be recycled, such as cardboard, clean fill, clean wood, and yard waste. Additionally, Shermans Valley Recycling, located in Loysville, PA, specializes in recycling of PVC fencing and vinyl siding. It is recommended that Perry County investigate markets for various C&D material generated in the County and reach out to these industries to develop partnerships for recycling C&D material generated by residents and businesses of Perry County.

5.5.9.6 Recommendation R6 Education – This Plan Update recognizes that education of the public on proper waste management and recycling is crucial to the success of a growing, sustainable integrated waste and recycling program in Perry County. The continuation and expansion of such educational efforts by the public and private sectors are recommended in this Plan Update. Support from both municipal and private sector partners is crucial for a sustainable educational effort.

It is a recommendation of this Plan Update that the Perry County website be updated in the first five (5) years of the ten (10) year planning period to include information for residents on recycling outlets, links to websites that provide additional recycling information, information about waste minimization, information for commercial and retail establishments on recycling opportunities, etc. A good example of a user friendly website that contains recycling information for both residents and businesses is Berks County Solid Waste Authority's website. Upcoming recycling events are clearly scrolled in the center of the homepage for resident's easy access. Contact information is displayed prominently at the bottom of the homepage, while special materials recycling information is dedicated on the right hand side of the page, providing links and information to topics such as e-waste, HHW, paper shredding, pharmaceutical collection, and other special wastes. This website recognizes efforts of the community by highlighting illegal dump cleanup programs and providing a link to the year-end report.

Additionally, a link to recycling drop-off locations, which includes locations, acceptable materials, unacceptable materials, and available times is prominently noted in the top right of the homepage. There are additional links on the left hand side of this website that include information such as nearby landfills and transfer stations, composting sites, hauling companies, municipal recycling programs, listings of PA brokers, processors, MRFs and end users for recyclable materials, local recycling centers, the solid waste management plan, tips for residents on green living, green purchasing, green cleaning and being energy efficient, tips for businesses on how to go green, and links to the recycling reporting forms. This information may be used by local municipalities, businesses and residents.

Perry County currently has a majority of this information on the Perry County Conservation District website, under the Recycling Department. It is recommended that Perry County add to their current website to include similar information on recyclable materials and initiatives discussed in this Plan Update. As recycling programs are initiated in the County, the website may be updated accordingly. It is recommended that Perry County work with municipal officials to periodically evaluate municipal recycling websites and informational pages to make sure the information for their municipality is correct and up-to-date on the County website, such as recyclables drop-off locations and contact information, as well as link municipal websites to the Perry County Conservation District website.

It is also a recommendation of this Plan Update that Perry County expand their social media presence in the first five (5) years of the ten (10) year planning period in order to reach a younger demographic. This recommendation shall include the establishment of a Twitter account and a Facebook account. These social media outlets shall be used to spread information on recycling and waste minimization, proper disposal techniques, the negative side effects of open burning, e-waste, HHW, and pharmaceutical collection events, National Holidays such as Earth Day and America Recycles Day, links to articles on waste and recycling activities, recognition for municipalities and businesses in Perry County that establish/enhance their waste minimization and recycling efforts, etc.

It is a recommendation of this Plan Update that Perry County work with local municipal representatives to establish a municipal newsletter and/or calendar, where budgets allow, that provides residents with information regarding waste and recycling initiatives, opportunities and requirements. Additionally, these newsletters and/or calendars may be used to highlight initiatives enacted by the local municipalities and local events. It is also recommended that Perry County work with local municipalities to notify residents of waste and recycling programs available to them. It is believed that residents will reach out to their municipal representatives to obtain information on recycling outlets, waste disposal information, etc. It is important to educate the municipal representatives on the County programs available to residents.

It is a recommendation of this Plan Update that Perry County work on creating a Community newsletter and/or calendar that contains events in the County, recycling outlet information, highlights waste and recycling efforts in the County, highlights different aspects of the waste and recycling goals of the Plan Update, etc. This is recommended in the first five (5) years of the ten (10) year planning period. As funding may not be available at the County level, it is recommended that the County seek sponsors for this newsletter and/or calendar from local businesses, organizations, and/or waste industries. Sponsorship may also be required as part of the waste hauler registration program, discussed in Section 5.5.2.3 of this Chapter.

It is a recommendation of this Plan Update that Perry County develop newspaper advertisements to promote recycling, remind residents not to burn recyclables or illegally dispose of waste as part of a “Green” Perry County initiative. It is recommended that Perry County work with the local newspaper (The Perry County Times, The Duncannon Record and the News Sun) to request free or donated space for these newspaper advertisements quarterly. It is recommended that Perry County work with local schools to involve students in the newspaper advertisements and potentially develop an annual school competition related to a waste and recycling advertisement that will be used as one of the quarterly ads.

5.5.9.7 Recommendation R7 School Recycling Programs – It is a recommendation of this Plan Update to enhance and/or develop school recycling programs. It is recommended that Perry County reach out to school administrators from each school in Perry County to determine what they currently do in regards to waste minimization and recycling. It is recommended that Perry County work with the school administrators to develop a recycling program, in coordination with the municipality that increases the school’s recycling participation/program and encourages waste minimization.

It is a recommendation of this Plan Update that Perry County develop a generic school assembly program that addresses waste minimization and recycling. It is recommended that the assembly have the ability to be tailored slightly to address the recycling program in place at each school.

It is a recommendation of this Plan Update that Perry County develop County-wide school competitions that encourage recycling and educate students on the three r’s, reduce, reuse, recycle. At the time of Plan narrative development, Perry County was working on a Recycled Art Challenge for local school programs.

It is a recommendation of this Plan Update that Perry County encourage school administrators and teachers to visit websites, such as PADEP, Carton Council (www.cartonopportunities.org) and Perry County’s website, for information on school recycling programs and activities. Carton recycling is not currently available in Perry County, but the Carton Council website does have information on mail-in programs and

school programs for carton recycling, as well as information for communities and facilities that are interested in starting a carton recycling program.

It is recommended that Perry County implement the school recycling programs in year five (5) through ten (10) of the ten (10) year planning period.

5.5.9.8 Recommendation R8 Municipal and Governmental Building Recycling – It is a recommendation of this Plan Update that Perry County encourage all governmental buildings and municipal buildings in Perry County to establish a standard that involves waste minimization and recycling. It is recommended that all municipal and governmental buildings recycle at minimum the Act 101 materials, minus the organics (yard and food waste). Additional materials, beyond Act 101, may be considered based on each buildings recyclables generation. It is recommended that governmental buildings develop a plan for recyclables collection in the five (5) to ten (10) year portion of the ten (10) year planning period. Recyclables collection at all governmental buildings may be included in a Request for Proposals (RFP) from waste/recycling haulers to service these facilities.

An optional recommendation of this Plan Update is for Perry County to develop an RFP for recyclables drop-offs at each municipal building throughout Perry County for use by residents. It shall be determined if municipalities with permanent drop-offs want to participate in this RFP. The RFP may specify weekly service of the drop-offs, with an option to negotiate the collection frequency at Perry County's or the Hauler's request, if it is determined that bi-weekly or monthly service may be more efficient. The RFP shall require the minimum recyclables materials to be collected at the drop-offs. The RFP shall require 24/7 access to the drop-off for residents and may specify security measures that must be installed prior to collection. A fee may be collected by the awarded entity for use of the drop-off. This fee may be charged to all residents of the municipality, directly by the entity or it may be charged to the municipality and the municipality may bill all residents of the municipality. It is recommended that the RFP include a requirement for reporting of recyclables tonnages to the municipalities and County on a monthly basis. It is recommended the contract term be 3-5 years with optional renewals, to allow for evaluation of the program.

A hypothetical situation was evaluated for eight (8) municipalities in Perry County, to estimate the cost to residents for this recycling recommendation. Based on an estimated pull cost of \$240 per pull (estimate provided in 2014 by a local hauler) and eight (8) municipal drop-offs with an estimated 5,222 households, the annual cost for weekly pulls is approximately \$100,000. The cost to residents in these municipalities is approximately \$20 annually. As stated above, this cost may be billed by the hauler directly to residents or by the municipalities to the residents, with a quarterly, semi-annual or annual option. Municipalities may partner to place a drop-off in a neutral location if this is more advantageous for their residents, which may reduce the number of drop-offs and subsequently reduce the total cost of the program.

It is also recommended that Perry County use local government, municipal and public buildings as a way to educate residents on the importance of recycling, what to recycle and upcoming events. For example, flyers may be posted in the local post offices, libraries and government buildings that include information on upcoming collection events, or materials that may be recycled. This is a low cost option for Perry County to educate residents.

5.5.9.9 Recommendation R9 Commercial Business Recycling – It is a recommendation of this Plan Update that Perry County target each sector of waste generators located in the County. This includes commercial businesses. It is recommended that Perry County work with the commercial business to determine what recyclable material is generated at the facilities. It is recommended that Perry County suggest to commercial businesses that they set up a “green committee” that will initiate recycling efforts, work on waste minimization efforts, and be the point of contact for the County. The County shall work with the “green committee” on reporting recyclables monthly on the provided recycling reporting form.

5.5.9.10 Recommendation R10 Big Event Recycling – It is a recommendation of this Plan Update for Perry County to develop a list of all major events, such as festivals and fairs, which take place throughout Perry County annually. It is recommended that Perry County staff meet with the event coordinators and municipal representatives, well in advance of the events date to discuss their current waste and recycling management system for the event. It is recommended that the County discuss ideas with the organizers on how to increase or establish recycling diversion at their event and ways to reduce waste generation at these

events. It may be valuable to evaluate where waste and recyclable receptacles are located during the event to ensure they are convenient for event attendees. It is recommended that Perry County staff discuss with the event organizers that they shall require their waste and recycling hauler to report waste and recycling tonnages to the organizers at the completion of the event. Organizers shall provide this information to the local municipal official and the County. It may also be advantageous for Perry County to be a presence at these fairs and festivals with a booth or table that contains helpful information on recycling in Perry County, waste disposal in Perry County, upcoming events, proposed initiatives, etc. It is recommended that Perry County contact big event organizers in years five (5) through ten (10) of the ten (10) year planning period.

5.5.9.11 Recommendation R11 Funding – The County Solid Waste Advisory Committee (SWAC) has identified a large number of recycling and waste reduction goals and initiatives, as presented in this Chapter. The Plan Update recommends that the County, its municipalities, its waste haulers, and its businesses and residents work together to pursue the further development of these goals and initiatives over the ten (10) year planning period, as a means to increase recycling, reduce waste disposal, and be good stewards of and protect the environment. It is also recommended that Perry County pursue Sections 901 and 902 funding to help plan and develop such programs, as appropriate.

One option available to municipalities and private businesses to fund the collection, processing, and communication projects that are intended to increase recycling access and rates is the Closed Loop Fund. The Closed Loop Fund is made up of Consumer Goods Companies and Retailers who are creating economic value by increasing recycling rates. The Closed Loop Fund provides 0% interest loans to municipalities and below market interest loans to private companies to develop local and recycling infrastructure. Their goal is to invest \$100 million over the next five (5) years. The current companies and retailers participating in this program are Walmart, Coca-Cola, PepsiCo, Johnson and Johnson, Procter and Gamble, Unilever, Keurig, and Goldman Sachs. More information on this program can be found on their website at: <http://www.closedloopfund.com/page/about>

Another option for funding of recycling programs and other related programs in Perry County, that is *not* a recommendation of this Plan Update, but should be discussed is

developing a tax on all households in Perry County to support a “green” or “environmental” fund. It is understood that taxes are avoided, as much as possible in Perry County. It is worth noting that a tax of \$20 a year on all households in Perry County will produce over \$350,000 a year in funding, which can be used to support many of the programs recommended in this Plan Update, as well as other green initiative programs and environmental stewardship programs. It shall be noted that Townships are permitted to charge a recycling tax to residents to support recycling programs.

An additional option for funding recycling programs in Perry County is to include a recycling fee in contracts used by Townships to solicit waste and/or recycling collection. If a hauler is unable to provide curbside recycling to residents of the Township, a Township may require, as part of the contract, that a hauler provide a fee (to be determined by the Township) that may be used to provide recycling programs to the residents of that Township, i.e. drop-offs.

5.5.10 Biosolids and Septage

5.5.10.1 Recommendation B&S1 Biosolids – The County should continue to rely on the current system for managing biosolids, which involves processing of wastewater at publicly-operated facilities and the handling of WWTP biosolids (i.e. sewage sludge) through land application, landfilling, composting, or through otherwise recycling the materials back into a productive use. The current system is sufficient to manage the biosolids generated from County sources over the next ten (10) years. As part of this strategy, aggressive pre-treatment programs must continue throughout all county WWTPs to assure that the land-applied biosolids remain safe and protect the agricultural land and water resources in the county.

5.5.10.2 Recommendation B&S2 Septage – The County should continue to rely on private haulers for the collection of septic tank pumpings (i.e. septage), for eventual disposal as treated biosolids as noted in Recommendation B&S1. As indicated with biosolids, the current system is adequate to handle the septage processing needs of the County over the next ten (10) years.

5.5.11 Special Waste

5.5.11.1 Recommendation P1 Pharmaceutical Collection – It is a recommendation of this Plan Update that Perry County pursues the development of a year round pharmaceutical collection program with local private industries. In years past, the U.S. Department of Justice (DOJ), in coordination with the Drug Enforcement Administration (DEA), conducted a National Prescription Drug Take-Back Day. This program typically took place in September of each year. Currently, the DOJ and the DEA are not initiating the pharmaceutical collections, but they are encouraging DEA registrants to apply to become a year round collector of pharmaceutical waste. Current regulations authorize certain DEA registrants (manufacturers, distributors, reverse distributors, narcotic treatment programs, retail pharmacies, and hospitals/clinics with an on-site pharmacy) to modify their registration with the DEA to become authorized collectors. All authorized collectors may operate a collection receptacle at their registered location, and collectors with an on-site means of destruction may operate a mail-back program. It is a recommendation of this Plan Update that Perry County coordinate with local law enforcement agencies and DEA registrants to establish year round collection locations throughout Perry County for residents to dispose of unused, unwanted or expired medication.

5.5.11.2 Recommendation SC1 Spring Cleanup Collection – It is a recommendation of this Plan Update that Perry County promotes a semi-annual, County-wide spring cleanup collection events. These may be sponsored/partially-funded by the local waste haulers, waste disposal facilities, municipalities, etc. and assistance may come from the County. If a municipality currently has a spring cleanup “day”, it is recommended that Perry County encourage these municipalities to hold their events on the same day, so as to advertise the events County-wide on TV, in newspapers, on social media, etc.

5.5.12 Recommendation Responsibilities of Perry County

5.5.12.1 Recommendation RR1 Responsibilities of Perry County – In order to implement the recommendations in this Chapter, it is important to have the staff available to achieve both the goals of the Plan Update and the leg work required to obtain the necessary information from those parties operating in Perry County. In order to do this, Perry County is actively seeking a part time Recycling Coordinator. The Recycling Coordinator will be responsible for the following duties over the ten (10) year planning period:

- Communications with local haulers regarding their pay-per-bag system and its convenience for residents
- Communications with local haulers regarding their pay-per-bag system and suggesting an online purchasing option
- Encouraging municipalities to contract for waste and recyclables collection and encouraging municipalities to standardize the recyclable material collected curbside with other surrounding municipalities as much as possible
- Developing a registration program to, at a minimum, require haulers operating in Perry County to report waste and recyclables tonnages collected to the County Conservation District/Recycling Coordinator
- Investigate the benefits of a licensing program for smaller waste haulers to ensure compliance with the Plan Update and disposal laws and regulations
- Meeting with County staff and officials and municipal staff and officials to discuss the recycling program
- Distribute forms to local businesses and waste haulers to obtain recycling tonnages
- Record recycling tonnages as they are obtained from commercial businesses, haulers, municipalities, and collection events
- Establish a key card drop-off location in the County (pilot program), this program may be ran by the local municipality
- Educate municipalities on the benefit of anti-burn ordinances and the variations in anti-burn ordinances, in order to apply for Act 101 grant money
- Coordinate illegal dump cleanups with KPB
- Apply for the illegal dump surveillance support pilot program through KPB
- Apply for grant funding, whenever possible, to support recycling activities and programs in the County
- Reach out to local businesses, waste haulers and disposal facilities to obtain support for recycling programs
- Set-up e-waste collection events
- Set-up HHW collection events
- Reach out to local C&D recyclers to determine what material they take and educate residents and businesses on these outlets
- Update Perry County website with up-to-date waste and recycling information
- Expand Perry County's presence on social media

- Create a County newsletter and/or calendar – funded through the registration program or through donated sponsorships
- Create newspaper advertisements on local waste and recycling events
- Reach out to school administrators on their recycling programs, talk to students, and develop school competitions
- Develop a RFP for recycling drop-offs at municipal buildings for residents of that municipality – RFP development may be paid for by County and/or participating municipalities
- Reach out to commercial businesses to educate about recycling and to continue to receive recycling tonnage numbers for annual reporting
- Meet with Big Event coordinators to discuss how/if they recycle material and make recommendations on how to recycle at these events
- Promote semi-annual, County-wide, spring cleanup collection events in various municipalities (both established programs and new programs)
- Provide sample ordinances to municipalities for waste and recycling collection
- Provide sample contracts to municipalities for waste and recycling collection
- Provide sample anti-burn ordinances to municipalities
- Encourage a ban on the disposal of corrugated cardboard in more populated areas of Perry County
- Encourage the addition of curbside e-waste and/or HHW collection to waste collection contracts
- Encourage the development of a municipal newsletter that provides waste and recycling information to residents
- Encourage the development of a recycling program in all municipal buildings
- Contact volunteer organizations to assist with collection events and drop-off locations
- Reach out to local waste haulers and disposal facilities in the Plan to take advantage of their established waste and recycling programs
- Work with local waste haulers to maintain current drop-offs and potentially add drop-offs where municipalities are able to financially support them
- Reach out to private industries to sponsor e-waste collection events in the County
- Reach out to local pharmacies to encourage registration with DEA to become a permanent pharmaceuticals take-back location for residents of Perry County

These responsibilities will help Perry County achieve a projected 25% recycling goal in 2030 and hopefully continue to allow them to work toward the 35% state recycling goal, thereafter.

FIGURE 5-1 EXISTING RECYCLING INFRASTRUCTURE IN PERRY COUNTY

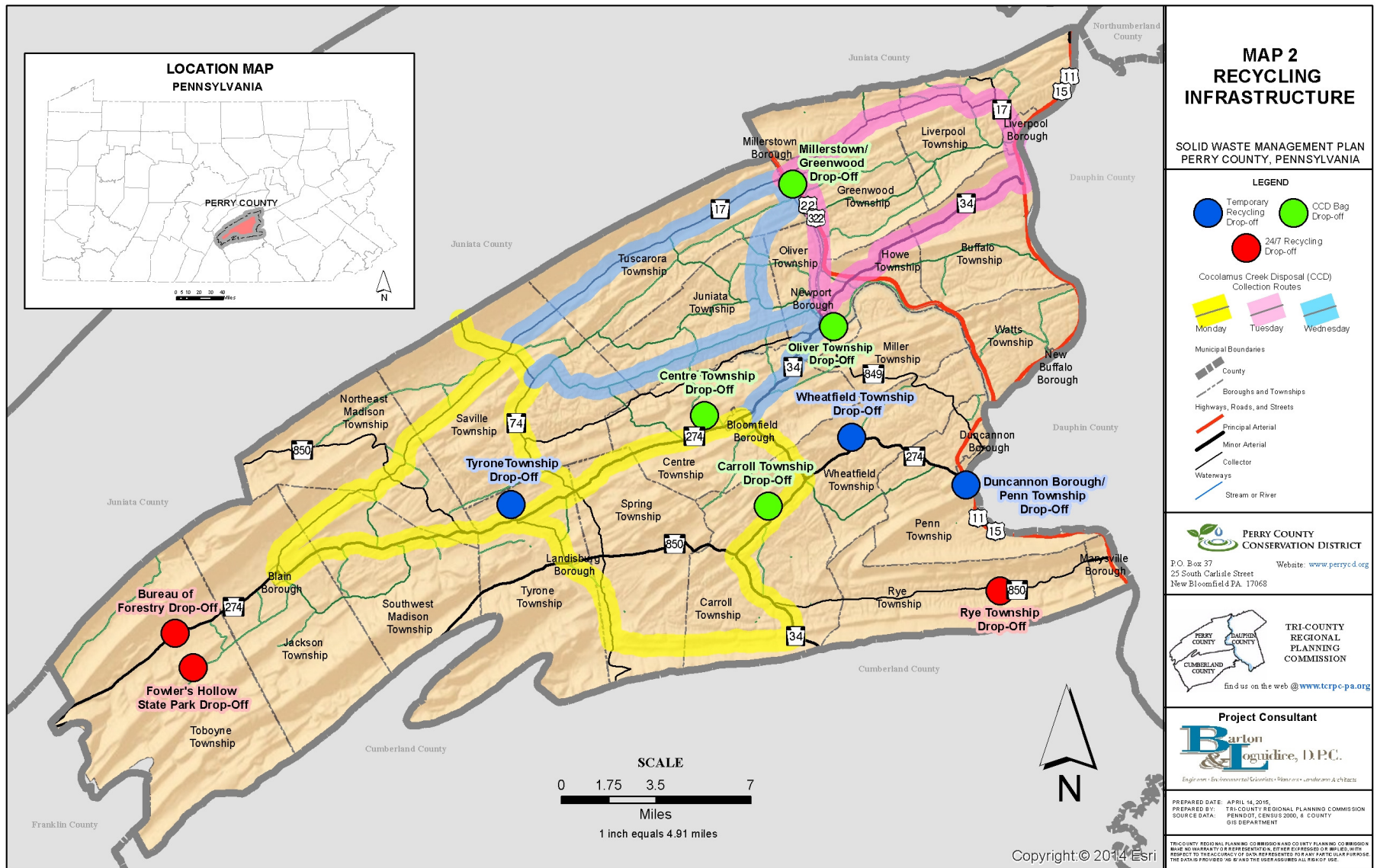
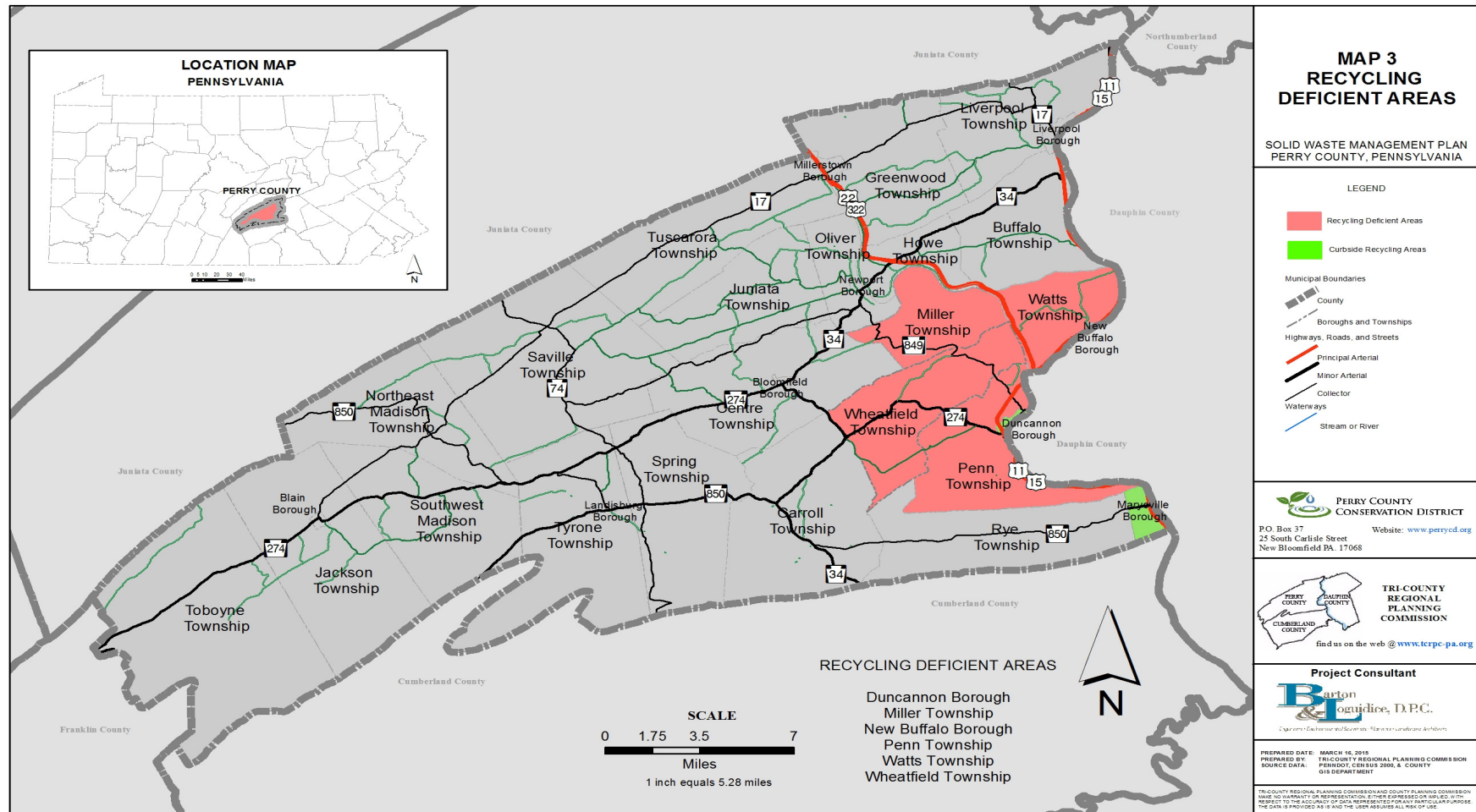


FIGURE 5-2 DEFICIENT RECYCLING AREAS IN PERRY COUNTY



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CHAPTER 6 - LOCATION OF FACILITIES AND PROGRAMS

This Chapter identifies the location within and outside the County of each municipal waste processing, disposal and recycling facility, which accepts municipal waste for recycling, processing or disposal.

6.1 Location of Disposal/Processing Facilities

No municipal waste disposal facilities presently exist in Perry County. The County has decided for this Plan Update, it will allow municipal waste generated in Perry County to be taken, at the generator's or hauler's option (as appropriate), to any duly licensed/permitted waste processing or disposal facility in the Commonwealth of Pennsylvania, or to any duly licensed/permitted processing or disposal facility in another state.

With this approach, Act 101 still requires that the County must contract with at least one (1) processing/ disposal site to secure the minimum municipal waste disposal capacity needs of the County for the next ten (10) years. To meet this minimum contracting obligation under Act 101, the County sent a Waste Capacity Assurance Interest Letter to three (3) waste disposal facilities that have historically accepted over 95% of Perry County resident's waste. The Interest Letter also solicited municipal waste transfer stations that handle Perry County's municipal waste to agree to minimum procedures to comply with the Plan Update, including proper reporting, waste manifesting, and delivery of Perry County's municipal waste to processing/ disposal facilities approved in the Plan Update.

A summary of the Submittals received in response to the Interest Letter, and the results of the Submittal reviews by the County Solid Waste Advisory Committee, including the selection of multiple sites for waste transfer and contractual waste disposal capacity assurance, were documented in a memorandum in Appendix A.

The following municipal waste transfer and disposal sites were tentatively selected for inclusion in this Plan Update, subject to successful execution of transfer or disposal capacity contracts (as appropriate) with the County. These facilities were chosen so that all the perceived needs of the County will be addressed over the ten (10) year period. The transfer station facilities were

included so as to facilitate the most cost-effective consolidation and transportation of solid waste. The six (6) disposal facilities were chosen so that these needs would be met:

- The most geographically convenient
- The facilities most-utilized at the time the Plan Update was drafted
- The multiple facilities that were required to assure the disposal capacity for all types of “special handling” municipal wastes generated in the County (such as asbestos and infectious and chemotherapeutic waste)

It is noted that four (4) of the six (6) disposal capacity assurance contractors chosen under this Plan Update included an allowance for public and non-profit groups to dispose of limited quantities of dump cleanup materials at the disposal sites for free; the contracted disposal sites that offered free disposal of dump cleanup waste over the next ten (10) years included Clinton County Landfill, Cumberland County Landfill, WM’s Laurel Highlands Landfill and WM’s Mountain View Reclamation Landfill.

The disposal facilities listed below entered, or are expected to enter, into contract agreements with Perry County to accept waste from Perry County for a period of five (5) years. Perry County retains the authority to extend these contracts for an additional five (5) years, for a total of ten (10) years. Appendix A contains a copy of the draft transfer agreement and the draft disposal agreement from the Interest Letter. Fully executed agreements are located in Appendix L. If a facility identified below did not finalize and execute a contract with the County, they will be removed from this list of contracted facilities.

Transfer Station Facilities

Mifflin County SWA Transfer Station

P.O. Box 390

87 Landfill Road

Lewistown, PA 17044

Waste Management

Camp Hill Transfer Station

4300 Industrial Park Road

Camp Hill, PA 17011

Advanced Disposal Diller Transfer Station

6820 Wertzville Road

Enola, PA 17025

Disposal Facilities

Wayne Township (Clinton County) Landfill

15 Landfill Lane

McElhattan, PA 17748

WM – Laurel Highlands Landfill

260 Laurel Ridge Road

Johnstown, PA 15909

Cumberland County Landfill

620 Newville Road

Newburg, PA 17240

Lancaster County WTE

1911 River Road

Bainbridge, PA 17502

WM – Mountain View Reclamation Landfill

9446 Letzburg Road

Greencastle, PA 17225

Susquehanna Resource

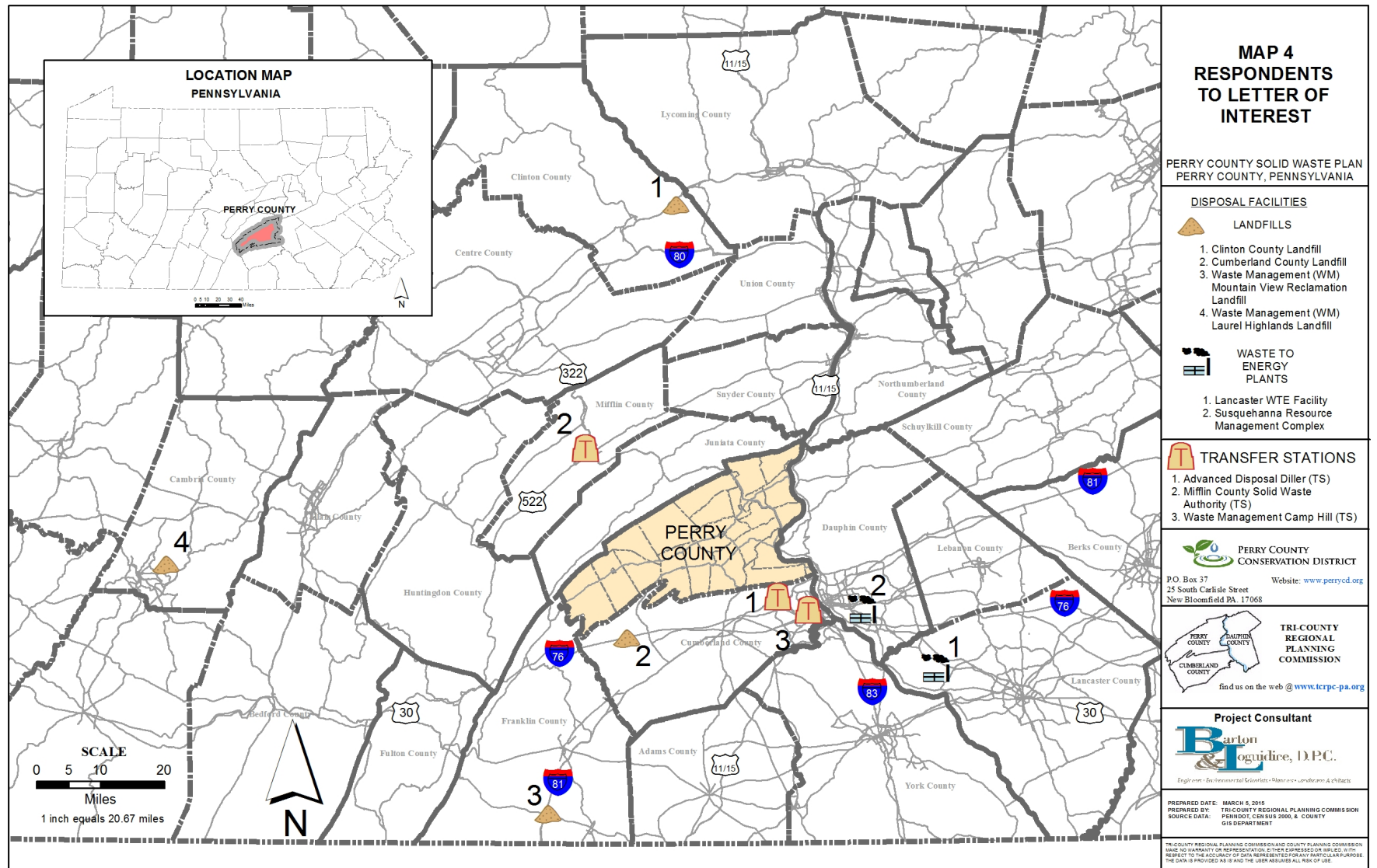
Management Complex (SRMC)

1670 South 19th Street

Harrisburg, PA 17104

The location of these designated transfer and disposal facilities is presented in Figure 6-1, Contracted Regional Landfill & Transfer Station Locations.

FIGURE 6-1 RESPONDENTS TO WASTE DISPOSAL CAPACITY INTEREST LETTER



6.2 Location of Drop-Off Recycling Centers

There are ten (10) public and private drop-off recycling centers in Perry County located in the following municipalities:

Table 6-1
Location of Drop-off Recycling Centers

| <i>Municipality</i> | <i>Permanent/Temporary</i> |
|---|----------------------------|
| Carroll Township | Permanent |
| Centre Township | Permanent |
| Duncannon Borough/Penn Township | Temporary |
| Greenwood/Millerstown Township | Permanent |
| Oliver Township | Permanent |
| Rye Township | Permanent |
| Toboyne Township (Bureau of Forestry) | Permanent |
| Toboyne Township (Fowler's Hollow State Park) | Permanent |
| Tyrone Township | Temporary |
| Wheatfield Township | Temporary |

6.3 Yard Waste/Composting Program Locations

Currently, eight (8) municipalities in the County offer leaf and/or yard waste collection. They are:

Table 6-2
Location of Yard Waste/Composting Programs

| Municipality |
|---------------------|
| Liverpool Borough |
| Duncannon Borough |
| Oliver Township |
| Penn Township |
| Bloomfield Borough |
| Newport Borough |
| Millerstown Borough |
| Marysville Borough |

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CHAPTER 7 - IMPLEMENTING ENTITY IDENTIFICATION

The Perry County Board of Commissioners are responsible, effective August 7, 2006, for implementing parts of the Plan and Plan Update that involve the processing and disposal of municipal waste and recyclables through Municipal Waste Management Ordinance No. 2006-1, as amended in 2015 as part of the Plan Update. More specifically, Perry County oversees agreements executed (or to be executed) by the County to secure adequate disposal capacity for municipal wastes that will be generated within Perry County over the next ten (10) years. The Perry County Conservation District, in coordination with the Commissioners, will also be responsible for exploring and implementing additional recycling programs and facilities as deemed necessary or as cost-effective and affordable opportunities arise in the future, through a Delegation Agreement that is currently being developed. The finalized Delegation Agreement will be included as part of the implementation documents, during the implementation period. The Perry County Commissioners have the full legal authority to implement the Plan Update. The County's recycling program is administered by a part-time Recycling/Solid Waste Coordinator, who is a member of the Perry County Conservation District staff.

The Perry County Conservation District and Perry County will continue to offer assistance to the existing and proposed municipal recycling programs. Likewise, the Perry County Conservation District and Perry County will continue to offer technical assistance to the non-mandated Perry County municipalities that currently recycle on a voluntary basis or to those that may choose to establish a voluntary or mandatory recycling program in the future.

The County is authorized under Act 101 to take any and all actions and to exercise all such powers as are necessary to design, develop, finance, construct, own, operate and manage a County-wide, assured long-term integrated Municipal Solid Waste Management System that is environmentally safe, economical and uses proven technology. Such powers and actions include but are not limited to the power to promulgate rules, regulations, fees and penalties applicable to the collection, storage, transportation, processing, recycling and disposal of Municipal Waste generated, collected, stored, transported, recycled, processed or disposed within the County.

These specifically include the power to:

- a. Develop, adopt, revise and implement a municipal waste management plan for the County
- b. To develop and implement an integrated Municipal Waste Management system for the County to insure the proper collection, transportation, processing and disposal of all municipal waste generated within the County.
- c. Adopt ordinances, resolutions, regulations and standards for the processing and disposal of MSW as long as it is not less stringent or in violation or inconsistent with Act 97 or Act 101.
- d. Require that all MSW generated within its boundaries shall be properly collected so as to insure it is processed and disposed at designated facilities contained in the County Plan.
- e. To administer and enforce a registration program for haulers and vehicles transporting waste collected within the County.
- f. To promulgate rules, regulations, fees and penalties applicable to the collection, storage, transportation, processing, recycling and disposal of municipal waste generated, collected, stored, transported, recycled, processed or disposed within the County.
- g. To apply for and receive grants under Chapter 9 of Act 101 to develop and implement the Plan.

The following time schedule is presented for the planning and implementation of the component parts of this Plan.

| | |
|--------------------|--|
| Spring/Summer 2015 | Disposal agreements are executed with waste transfer and disposal facilities |
| April 16, 2015 | Draft Substantial Plan Update is released, 90-day public comment period begins |

| | |
|------------------------|---|
| June 17, 2015 | Municipal Waste Management Plan Update public meeting |
| July 9, 2015 | Municipal Waste Management Plan Update public comment period ends |
| May 31, 2015 | Former Disposal Capacity Assurance Contracts with Perry County expire |
| July 1, 2015 | New Disposal Capacity Assurance Contracts with Perry County commence |
| July 2015 | Comment/ Response document prepared, final plan modifications are made based on public input. |
| July 2015 | Final Plan Update adoption by Perry County Commissioners |
| August 2015 | Municipalities receive plan, 90-day Municipal Waste Management Plan Update formal plan ratification period begins |
| November 2015 | Plan Update 90-day municipal ratification period ends |
| November/December 2015 | Ratified plan is submitted to the PA Department of Environmental Protection for final approval |
| December 2015 | Anticipated PADEP Plan Approval date |
| Early 2016 | Plan recommendations are formally conveyed to municipalities |
| Dec. 2015- Dec. 2016 | One-Year Plan Update implementation period from PADEP approval date |

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CHAPTER 8 - PUBLIC FUNCTION

8.1 Public Function

Perry County is the contractual signatory to the waste transfer station agreement and waste disposal capacity assurance agreements with other entities that were solicited under this Plan Update. The County Commissioners will retain responsibility for implementation of disposal-related elements of the plan, including, but not necessarily limited to, execution and oversight of disposal capacity agreements. The County may also apply for grant funding to help finance future planning and implementation efforts to promote and implement elements of this Plan Update. The implementation of Plan Elements may also be satisfied by the Perry County Conservation District, who employs a staff member who oversees recycling coordinator duties and responsibilities. Therefore, the County Commissioners and the Conservation District will maintain roles in the public function of this Plan Update.

It is the position of the Perry County Board of Commissioners that the most suitable and cost-effective method of disposal of the municipal waste generated throughout Perry County is at multiple out-of-County disposal facilities. Also, it is the County's position, at this time, that the out-of-County waste transfer facilities serving Perry County meet the current waste transfer needs of the County. The majority of the waste transfer facilities and the waste disposal facilities identified for contracts with the County in this Plan Update are currently owned and operated by the private sector. The County and its municipalities reserve the right to consider a public option for waste processing, transfer and/or disposal in the future should the needs of the residents and the position of Perry County change.

The Perry County Conservation District, Perry County, and other municipalities within the County, reserve the option to own or operate recyclables processing facilities, recyclables drop-off facilities, materials transfer facilities, and/or composting facilities in the future if it becomes in the best interest of the residents of Perry County, the Conservation District, or the individual municipalities to do so.

8.2 County Ownership

Pursuant to Act 101, the public interest requires that waste collection, transport, storage, processing, disposal and recycling be a public function. Public function does not require

County ownership or operation of equipment or facilities. Perry County does not currently own or operate any existing solid waste processing or disposal facilities within or outside of Perry County. The County has determined as part of this Plan Update that its obligation to provide for the processing and disposal of all municipal waste generated within the County continues to be best served by reliance on long-term Disposal Contracts with privately or publicly owned processing and disposal facilities. This approach meets the goals of the County in that it is:

- County-wide
- Long-term
- Assured
- Integrated
- Protective of public health and safety
- Environmentally safe
- Cost-effective

Through the planning process, the County has met its obligation to provide for long-term assured disposal capacity through a Waste Disposal Capacity Assurance Interest Letter and subsequent Waste Disposal Agreements.

By contracting with six (6) disposal facilities and allowing waste generated in Perry County to be disposed of at any duly licensed waste processing or disposal facility in the Commonwealth of Pennsylvania or in another state, the County has assured and confirmed sufficient disposal capacity and fixed maximum cost that is committed to the County through executed Disposal Agreements for a ten (10) year period until 2025.

8.3 Revenues and Expenses

The development and implementation of the County Municipal Solid Waste Management Plan as required by Act 101 is a complex and time consuming task that requires professional expertise in waste management, engineering, administration, law and finance. To fulfill its duties under Act 101, the County elected to engage the professional services of consultants, engineers and solicitors to advise the County with respect to Act 101 and prepare the Plan Update.

While these activities are eligible for partial funding reimbursement from DEP under Act 101 grants, a portion of the cost of Plan development and a substantial portion of the cost of implementing the Plan must be borne by the County.

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CHAPTER 9 -COPIES OF ORDINANCES, RESOLUTIONS, AND IMPLEMENTING DOCUMENTS

A Waste Disposal Capacity Assurance Interest Letter for municipal waste transfer and processing/ disposal services was prepared and distributed to three waste disposal facilities and one transfer station that have historically taken over 95% of Perry County's waste. Six (6) disposal facilities and three (3) transfer station facilities responded to the Interest Letter. A sample copy of the Interest Letter and supporting submittal forms is provided in Appendix A. The responses of the Interest Letter are presented in Chapter 6.

Legal instruments for the control of Perry County's municipal waste stream are a requirement of Act 101 of 1988 which makes the County responsible for the proper disposal of the municipal wastes generated within its boundaries. The Plan Update incorporates multiple implementation documents that are required to implement the Plan Update. It also offers many forms of template documents that can be used by municipalities to implement plan recommendations.

Incorporated within this Plan Update are the following implementation documents:

- Sample Municipal Waste Disposal Capacity Agreement (Appendix A)
- Sample Municipal Waste Transfer Station Agreement (Appendix A)
- Municipal Waste Management Ordinance (Appendix J)
- Samples of Various Types of Waste and Recycling Ordinances (Appendix I)
- Samples of Various Types of Anti-Burn Ordinances (Appendix I)
- Samples of Various Forms of Municipal Bid Documents for Waste and Recyclables Collection and Disposal Contracting (Appendix I)
- Plan Finalization, Ratification and Approval Documents and Resolutions (Appendix L)
- Delegation Agreement between Perry County and the Perry County Conservation District (Appendix L) – To be added during the implementation period

In this Plan Update, municipal waste collectors who operate within Perry County are allowed to deliver municipal waste collected within Perry County to any duly licensed/permitted facility for acceptance of such waste, whether in-state or out-of-state. Chapter 6 contains a list of transfer and disposal facilities that have contracted with, or intend to contract with, Perry County for the transfer or disposal of Perry County's municipal wastes. These contracts provide certain assurances to Perry County and contain ceiling tipping fee pricing for various types of wastes

throughout the ten (10) year planning period. Appendix A contains the ceiling pricing structures of the contracted disposal facilities (Table 2 - Detailed Summary of Responses).

The County of Perry Municipal Waste Management Ordinance (“Ordinance”) approves the County’s 2015 Municipal Solid Waste Management Plan (“2015 Plan”), a substantial revision to the County Municipal Solid Waste Management Plan (“Original Plan” and together with the 2015 Plan, the “County Municipal Solid Waste Plan”), all in accordance with the provisions of the Municipality Waste Planning, Recycling and Waste Reduction Act of 1988, Act 101 (Act 101) and, as applicable, the Solid Waste Management Act of July 7, 1980 (Act 97). All capitalized terms not herein defined shall have the same meaning as defined in the Plan and in the Definitions Section of the Ordinance.

The substantive provisions of the Ordinance are summarized in the following paragraphs.

Section 2 of the Ordinance requires all Regulated Waste to be disposed at Designated Facilities in accordance with the most recent Municipal Waste Management Plan. The term of the Disposal Agreements runs through June 1, 2025, a term of ten years required by Act 101.

Section 3 of the Ordinance requires all persons who, inter alia, collect Municipal Waste from within the County and transport it to a Designated Facility to obtain a Waste Transporter Authorization from PADEP in accordance with the Waste Transportation Safety Act (Act 90). All County persons are prohibited from contracting for the collection and transportation of Municipal Waste with any person that has not obtained a PADEP authorization.

Section 5 of the Ordinance authorizes the County, in concert with other County officials as may be directed by the Commissioners to promulgate Rules and Regulations applicable to the lawful implementation and operation of the County Municipal Solid Waste Plan.

CHAPTER 10 - ORDERLY EXTENSION

10.1 Discussion

In the preparation of this Plan Update, demographic information prepared by the Perry County Planning Commission (PCPC) was utilized for an orderly extension of data in such a manner as to be consistent with the needs of the area. This plan has also taken into consideration applicable planning, zoning, population estimates, engineering and economics. The requirements of Act 101 and Chapter 272 of the Pennsylvania Department of Environmental Protection (PADEP) Regulations have been followed in this Plan Update process, including the requirements for a Substantial Plan Revision, which PADEP has determined applies to this Plan Update.

There is no existing in-County disposal facility. Therefore, an orderly extension of in-County disposal facilities is not of concern. Existing out-of-County waste transfer stations are utilized and made part of this Plan Update. The contractual arrangements resulting from the Waste Disposal Capacity Assurance Interest Letter for transfer and disposal services include facilities that currently handle the vast majority of municipal wastes generated by Perry County, and the Plan Update encourages extension and development of drop-off recycling facilities by both public and private sponsors. The County will continue to offer technical support to municipalities with composting sites in the County, as well as drop-off sites that accept a wide variety of conventional and hard-to-recycle materials in the County.

Continued use of existing processors by the commercial, institutional, and industrial sectors is also encouraged. Over the years, these sectors have been the main source of materials for the processors.

As this Plan is implemented, continued effort will be focused in providing for orderly extension of the system including management of Construction and Demolition Waste, Residual Waste, sludge, septage, Infectious and Chemotherapeutic Wastes. To that end, every ten (10) years, the County will perform a comprehensive review of its Plan and an analysis and description of the waste being generated in the County to ensure that the System is performing as planned and waste is being recycled and disposed consistent with the Plan and Act 101.

The County shall prepare and file revisions to this Plan as deemed necessary by the County and in the manner provided for by Section 501(c) of Act 101. The County shall continue to

implement the County Municipal Solid Waste Management System for the remaining years following adoption of this Plan. The County will monitor its capacity assurance if necessary and as required under Act 101. The County's implementing documents, including its Ordinances are distinct from the Plan and will remain in effect beyond any ten (10) year planning horizon.

CHAPTER 11 -METHODS OF DISPOSAL OTHER THAN BY CONTRACT

There are four options for the management of municipal waste throughout Perry County. They include the following:

- Reduction
- Recycling
- Processing
- Disposal

To effectively manage municipal waste, these four options are combined to form an integrated system of reduction, recycling, processing and disposal.

In the preparation of this Plan, for the reduction of municipal waste, it has been assumed that product designers and manufacturers and the purchasers of those products will work towards decreasing the amount of municipal waste created. Though local efforts are crucial, these broader packaging and manufacturing changes are also key changes in making significant movement toward a Zero Waste goal in the distant future. There are also opportunities for homeowners to reduce the amount of municipal waste through the use of backyard composting of leaf and yard wastes; the use of mulching mowers; and the utilization of multi-use items, such as cloth grocery bags, in place of disposables.

The recommendations for recycling, processing and disposal of municipal waste in Perry County are discussed in detail in Chapter 5.

Under Section 303 of Act 101, each county in the Commonwealth of Pennsylvania is required to insure the availability of adequate permitted processing and disposal capacity for Municipal Waste generated within its boundaries for a minimum of a ten-year period. In order to insure capacity, the County can reserve capacity in, or own a disposal Facility. The County chose to reserve capacity via disposal agreements with multiple disposal facilities, and does not intend to direct waste by means other than by contract.

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CHAPTER 12 - COUNTY OWNERSHIP

Perry County does not own disposal facilities (landfills) or processing facilities (transfer stations) at this time. The County, the Conservation District and/or the County's municipalities reserve the right to own a disposal and/or processing facility in the future if it meets the needs of the Perry County residents. Two municipalities in Perry County own and operate composting facilities, Duncannon Borough and Millerstown Borough, and ten (10) municipalities own and operate permanent or temporary recyclables drop-off sites, and reserve the rights to lease, own and/ or operate additional recycling, processing and/or disposal facilities in the future to meet the needs of Perry County and its residents and businesses as they may arise in the future.

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CHAPTER 13 - OTHER INFORMATION

13.1 Marcellus Shale

A relatively new industry has exploded in the northern tier and western portion of Pennsylvania, which has the potential to move into the southern regions of Pennsylvania and to impact waste disposal capacity in Perry County. The Marcellus Shale is a geologic formation that is a source of natural gas located in deep (1-2 miles deep) shale deposits. It is now being actively developed by scores of gas industries, thanks to recent drilling technology advances that make this gas development process technically feasible. These deep mine drilling operations generate drill cuttings and other residuals that currently require disposal in a proper landfill. The operations also require the handling of millions of gallons of chemically-treated fracturing, or “frac”, water at each drill site. The subsequent handling of drill residuals (and in some cases, wastewater from the operations) is typically classified as residual waste. These wastes may impact the available capacity of municipal waste landfills that service Perry County, should those residual wastes displace landfill capacity that is needed for municipal waste disposal.

The Marcellus Shale drilling industry is expected to grow over the next five to ten years and will be in operation for decades. The potential impact of this industry’s residuals on available municipal waste disposal capacity for Perry County cannot be ignored in this plan. Contracts for long-term disposal capacity of municipal waste generated in Perry County need to confirm that municipal waste disposal capacity is “set aside” for the County’s use, and will not be negatively impacted by Marcellus Shale residuals disposal needs. This fact underscores the need for the County to secure long-term MSW disposal capacity as part of this planning process. MSW disposal capacity assurance contracts will assure adequate capacity to meet Perry County’s needs over the ten (10) year planning period.

The following facilities responded to the Interest Letter solicitation and stated that they either currently accept or are permitted to accept Marcellus shale residuals:

- Laurel Highlands Landfill
- Cumberland County Landfill
- Clinton County Landfill

13.2 Illegal Dumping

13.2.1 Issues and Causes

Like most counties in Pennsylvania, illegal dumping is prevalent in rural areas of Perry County. While most view illegal dumps as eyesores, they also create significant concerns for public health and safety, property values, and the general quality of life. When they are ignored, these sites often become chronic dumping areas and pollute the soil, surface water, and groundwater. Preventing illegal dumping will require stakeholders in the County to address factors that contribute to this problem. Cleaning up existing dumps will require cooperation from residents, businesses, haulers, and disposal facilities in the area.

Pennsylvania, and counties like Perry, may have a more severe problem because of the large number of municipalities that manage residential waste through individual subscription systems. Twenty-five (25) of the thirty (30) municipalities in Perry County are currently served by subscription or buy-a-bag programs. In subscription or buy-a-bag service municipalities, some residents choose to dump their waste illegally rather than pay a hauler for proper collection and disposal. However, there are other factors that contribute to the problem. Some haulers will not service rural or isolated parts of the County, thus forcing residents to self-haul their waste to the nearest landfill or transfer station for proper disposal. Also, some haulers will not collect waste that may be considered construction and demolition waste generated at the residential level, as a result of remodeling and similar activities. These materials include items such as drywall, roofing, shingles, siding, lumber, bricks, and concrete. Other difficult-to-dispose-of items such as tires, auto parts, appliances, and furniture often end up in illegal dumps. Proper disposal of these materials may require that the residents haul them to a disposal facility during operating hours (or rent a roll-off bin from the waste hauler), and pay to dispose of the waste, an inconvenience or expense that some wish to avoid.

Some homeowners in municipalities with individual subscription services may choose not to subscribe to a waste collection service, simply to save money, or to “share” a hauling service with neighbors or relatives at one house (a practice that is not technically allowed by most haulers). When it becomes a burden for homeowners to haul this material to a disposal facility, or when a contractor who has agreed to dispose of the material decides to avoid the cost of disposal, some of this waste may also be dumped illegally.

13.2.2 Statewide Dump Surveys

Keep Pennsylvania Beautiful (KPB) (formerly PA CleanWays) is a non-profit organization that works to eliminate illegal dumping and littering. The organization began surveying illegal dump sites in 2005. KPB's goal was to survey the entire state of Pennsylvania by 2014. Illegal dumpsites pose a direct threat to the health and safety of humans and animals. Illegal dumping attracts disease-spreading rodents and mosquitoes by giving them a place to live and breed. West Nile Virus, carried by mosquitoes, has been a primary concern of environmental officials. Illegal dumps also can be a source of physical injury for humans and animals due to broken glass, rusty metals, and toxic substances. Methamphetamine labs, used to produce the illegal drug "crystal meth," are becoming more common. The materials used to make the illegal drug are tossed along the roadside in illegal dumps, and are extremely toxic.

Illegal dumping pollutes our soil, surface and groundwater supplies, as well as the air we breathe if a site catches on fire. The emissions released by the burning of plastics and household hazardous waste can be extremely toxic. It is also ugly, and ruins the beauty of natural areas, including many public places such as community and state parks, state forests, and game lands.

Economically, illegal dumps are expensive to clean up. The estimated cost to clean up a site can be anywhere from \$600 to over \$1,000 per ton for cleanup and removal. Illegal dumpsites also can impact property values, can be a liability for property owners, and can affect property purchases and transfers. Tourism revenues also can be affected by illegal dumps. Donation of free disposal capacity by area landfills can help offset the cost of disposing of some of these materials.

In KPB/ PA CleanWays surveys, areas that are considered to be an illegal dumpsite are:

- Areas of concentrated trash
- Areas of scattered trash that:
 - Are not considered roadside litter
 - Appear to have new trash thrown on them occasionally (more than twice per year)

- Appear to have new trash thrown on them occasionally, but cleanup maintenance is prevalent to prevent accumulation.
- Areas containing only piles of yard waste (grass, leaves, branches, trees, etc.). These sites can often attract the dumping of other materials and can grow into major dumpsites, and,
- Areas containing isolated or solitary items, such as 1 or 2 appliances or tires that may or may not be dumped on in the future.

Two types of dumpsites that are not evaluated by KPB/ PA CleanWays are farm dumps and private dumps. A majority of today's farmers have inherited farm dumps on their properties, although some farmers continue to practice this illegal method to save money and time. Private dumpsites are those dumps which are put on the property by current or previous owners. These dumpsites can include stockpiles of scrap, yard waste, household trash, and other things found in an illegal dumpsite. A dumpsite is usually determined to be private by its proximity to a residence, or marked private with "no trespassing" signs.

13.2.3 KPB/ PA CleanWays on the Causes

According to KPB/ PA CleanWays, the possible causes of an illegal dumpsite can include the following:

Municipal curbside trash collection is unavailable.

Because it is not mandated by the state, trash collection options are dependent on the city or municipal government. As many rural and small-town municipalities lack funding for mandatory trash collection, it is up to the resident to pay for trash collection. Communities that depend on private subscription for waste collection services have reported greater dumping problems. Inherent inefficiencies and associated higher costs exist in almost all private subscription systems because trucks must travel long distances between customers.

Recycling programs are unavailable or inconvenient.

Act 101 dictates that all communities with populations over 10,000, and densely populated municipalities between 5,000 and 10,000, have recycling programs. Communities that fall outside these parameters must opt for curbside or drop-off recycling programs on their own. Depending on the county, many or all of these communities don't have funding to support a

curbside recycling program. Curbside recycling communities have reported a lower incidence of residential waste dumping.

Disposal of Construction and Demolition debris (C&D).

C&D debris is a serious solid waste management issue because of the amount that is generated each year, along with the lack of convenient and/or affordable disposal options available. C&D debris is often found in illegal dumps and creates a compounded problem because some of the materials may be hazardous, such as wood that has been chemically treated or painted with lead-based paint, insulation containing asbestos, or shingles.

Shortage of enforcement.

Unfortunately, many communities cannot devote people and resources to effectively deal with illegal dumping. As a result, dumpers do not fear prosecution and have no reason to stop their habits.

Education.

Illegal dumping has been a learned habit for many. Prior to anti-dumping laws, it was common practice to use open town dumps, burn or bury trash, or dump in a convenient out-of-the-way area. Today, we know the harmful effects from illegal dumping. Education is fundamental to diminish the habits learned, and to teach the public proper and safe disposal practices.

13.2.4 Dump Survey Study for Perry County

KPB/ PA CleanWays conducted a survey of open dumping practices in Perry County in 2009. In this study, KPB/ PA CleanWays identified 105 dumpsites containing an estimated total of 106.88 tons of trash. The 105 dumpsites were located in twenty-one (21) of the County's thirty (30) municipalities. These dumpsites ranged in size from 0.125 tons to 10 tons of waste. Fifty percent (50%) of the dumpsites were considered to be a continuous problem where dumping occurs routinely. Five (5) of these dump sites had "No Dumping" signs present; however, all of these sites were considered to be active dumpsites at the time of inventory. Ninety-one percent (91%) of the dumpsites were visible or partly visible from the roadway. Thirty-nine percent (39%) of the surveyed dumpsites were in the vicinity of some sort of waterway or body of water. Five (5) of these dumpsites had waste materials directly

in the waterway itself. The materials most commonly found in these illegal dumpsites were tires, household trash, and other bulky waste items. Recyclables were also commonly found while surveying the sites. The following municipalities had illegal dumpsites surveyed by KPB/ PA CleanWays: Buffalo Township, Carroll Township, Centre Township, Greenwood Township, Howe Township, Jackson Township, Juniata Township, Liverpool Township, Miller Township, Northeast Madison Township, Oliver Township, Penn Township, Rye Township, Saville Township, Southwest Madison Township, Spring Township, Toboyne Township, Tuscarora Township, Tyrone Township, Watts Township, and Wheatfield Township.

13.3 Open Burning

Open burning of wastes (like open dumping) is usually prevalent in the more rural parts of counties. There are health and safety impacts of this practice, including air pollution from inefficient combustion, fire risk, the needless burning of recyclables, and smoke and odor nuisance impacts on neighbors. Residents sometimes try to save money by burning their waste instead of paying a commercial hauler to collect and dispose of it. Burn bans are often implemented and most successful in more densely populated boroughs, where neighbors are closer to one another.

The “right” to burn one’s waste in the backyard often becomes a personally charged debate. PADEP does not support the burning of recyclables, and in fact will not pay 902 recycling implementation grants or 904 recycling performance grants to municipalities that do not have an anti-burn ordinance for recyclables in place. To be eligible for 902 implementation grant funding for regional recycling projects, PADEP may require all municipalities served by the project to have in place municipal bans on the burning of recyclables. The prevalence of open burning in the County, its impacts, and its politics, has been raised in discussions at SWAC meetings in Perry County.

13.4 Funding for Perry County Programs

As part of this Plan Update, it is recognized that County support and funding for recycling and waste minimization programs is limited and may be limited over the ten (10) year planning period. As part of this Plan Update, the SWAC discussed other funding opportunities for Perry County to maintain and expand their recyclables collection program and waste minimization programs. Funding for Perry County programs is recommended to come from partnerships

with private industry, waste haulers, waste disposal facilities, municipalities and local businesses. It is a recommendation of this Plan Update to encourage partnerships, wherever possible, for support of the recommended recycling and waste minimization programs in this Plan Update. Funding recommendations are discussed further in Chapter 5.

13.5 Future Challenges of Waste Management in Perry County

Beyond funding concerns, Perry County wants to develop a method that engages all of the municipalities in the County to help them understand and support the goals of the solid waste management plan update. Research by the Professional Recyclers of Pennsylvania (PROP) has confirmed that municipalities and counties that fail to adequately address solid waste management and recycling experience:

- A lack of education and enforcement to convey the importance of proper waste management practices
- Inconvenient, or a complete lack of, access to waste and recycling services
- Higher costs for waste and recycling services

This ultimately results in a significantly greater likelihood of:

- Illegal dumping
- Open burning
- Waste accumulation on private property
- Blighted properties

Specific initiatives of this Plan Update to address better waste management, increased recycling, and ongoing education of residents and businesses are presented in Chapter 5.

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CHAPTER 14 - NON-INTERFERENCE

Act 101 instructs that the County Plan must insure that it will not affect the design, construction, operation, financing or contractual obligations of any municipal waste landfill or resource recovery facility located in the County that meets certain criteria. As indicated in previous chapters, there is no municipal waste processing or disposal facilities currently in operation in Perry County. This Plan will not affect any facility design, construction, operation, financing or any contractual obligations that may exist for any such facility.

This Plan does not substantially impair the use of the remaining permitted capacity, or the capacity that can be made available through reasonable expansion of Existing Facilities. The County will not interfere with, or attempt to interfere with, the efforts of Existing Facilities to find Municipal Waste customers whose Municipal Waste does not comprise part of the Perry County Tonnage.

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CHAPTER 15 - PUBLIC PARTICIPATION

Perry County has utilized a combination of means and methods to provide for public participation both in the preparation of and in the implementation of the 2015 Update to the Perry County Municipal Waste Management Plan. The Board of Commissioners of Perry County reactivated the Perry County Solid Waste Advisory Committee (SWAC) mid-year 2014 at the start of the planning process. This reconstituted committee, representing a wide variety of public, waste and recycling industry, and environmental groups and agencies in the County, first met to discuss the Plan Update on July 14, 2014, and has since met on October 20, 2014 and February 18, 2014 to provide feedback and input of ideas into the planning process. The SWAC has provided review and comment on draft plan materials, summary documents, and draft chapters of the Plan Update as they were completed. Handouts and meeting notes from SWAC meetings are included in Appendix K.

Barton & Loguidice (B&L), the solid waste planning consultant for Perry County, established and has maintained a public information webpage on its corporate website (www.BartonandLoguidice.com) to disseminate information on the project electronically to the SWAC and the public, and to provide information access to those who could not attend the SWAC and other public meetings.

The existing Municipal Solid Waste Management Plan for Perry County, ratified and adopted as of April 2006, and prepared through its own public participation process, was utilized as a basis for this update of the County Plan. Changing conditions and updated information were evaluated and incorporated in the Plan Update.

The 2015 Perry County Municipal Waste Management Plan Update was released for a formal 90-day public comment period on April 16, 2015 and was submitted for review and comment at the same time to the thirty (30) constituent municipalities of Perry County (nine (9) boroughs and twenty-one (21) townships) and PADEP. Additionally, a public hearing was held to review the final draft Plan Update and to accept formal verbal and written comments on the Plan Update on June 17, 2015. Subsequent to this public hearing, and in consideration of comments received, the Perry County Board of Commissioners, following proper public notice, will adopt a final version of the Plan Update. Pursuant to the PADEP Chapter 272 Substantial Plan

Revision Process, the final adopted Plan Update will then be distributed to each of the thirty (30) municipalities in the County for a 90-day municipal ratification process. Upon approval of at least half of the County's municipalities representing at least half of the County population, the adopted and ratified Plan Update will be submitted to PADEP for final approval.

**Interest Letter and Sample
Disposal Agreements**

December 16, 2014

Re: Disposal Capacity Agreement for
Municipal Waste Processing/Disposal Capacity
Perry County, Pennsylvania

Dear Sir or Madam:

On behalf of Perry County, Pennsylvania, Barton & Loguidice, D.P.C. is requesting the completion of the attached submittal forms in order to evaluate your interest in entering a disposal capacity agreement with the County. Transfer stations handling municipal wastes (including conventional municipal, C&D, infectious/ chemotherapeutic, and special handling wastes) that are generated by the County, will also be required to comply with minimum disposal capacity agreement requirements and enter contracts with Perry County. A draft disposal capacity agreement (both for disposal facilities and transfer stations) has been included for your convenience. Please note, the disposal capacity agreements are under legal review and edits may be made prior to final signatures. Upon receiving the proposed submittal forms, and further discussions with the County, a final disposal capacity agreement will be generated and provided to you for your signature. Please provide any comments or language edits in Section 4.e on page A-24 with your submission on January 23, 2015.

In addition to securing disposal capacity, the Commonwealth of Pennsylvania authorizes county waste management plans to include an integrated waste management approach, where waste and recyclables management is handled in a preferred waste management hierarchy, which first practices source reduction, then recycles and composts materials, and then recovers energy through combustion of waste at a waste-to-energy facility and/ or places any remaining waste in a sanitary landfill. Such plans include provisions to address benefits to public health and safety, financial benefits to residents or local government, minimization of liability risk from improper disposal of municipal waste, and strategies to address how the plan will help increase recycling and assist the Commonwealth in achieving its goal of recycling 35% of the municipal solid waste stream.

The Perry County Plan, currently under development, identified the County's desire to implement a sustainable and/or enhanced Integrated Waste and Recyclables Management Program, which will contain specific goals and strategies to improve recycling, expand recycling opportunities in Perry County, educate the public on proper waste management and recycling programs, properly handle/ recycle/ dispose of certain specialty waste items, support the cleanup of illegally disposed waste in the County, and similar measures. The provision of a sustainable and/or enhanced Integrated Waste and Recyclables Management Program strategies in the Perry County Plan may require expansion of waste and recycling services currently offered in Perry County.

PADEP has recently (within the last several years) reduced the amount of grant funding it provides to support recycling programs in Perry County (as it has throughout Pennsylvania). In addition, since about 2005, the courts have determined that county-legislated administrative fees supporting such programs are not specifically authorized under Act 101. Therefore, it is important to identify alternative methods to sustain County integrated waste and recycling services, or to support expansions of integrated waste and recyclables management programs that the new Perry County Plan may recommend.

Therefore, this Disposal Capacity Agreement Interest Letter requires Respondents to consider, explain, and be willing to further discuss, options of how they may help the County provide support for a

The experience to **listen.**
The power to **solve.**





sustainable integrated waste and recyclables management program serving Perry County, at least for the geographical portion of the County for which the Respondent's disposal site also provides disposal services. A respondent's willingness to support the integrated waste and recycling program will not be used as an evaluation criterion when including a respondent in the Solid Waste Management Plan. It is anticipated that Perry County's understanding of any Respondent-proposed steps to support an integrated waste and recycling program will be identified through both the mandatory responses on this topic in the Respondent's Submittal Forms, as well as through possible follow-up discussions that may occur between Perry County and Respondent representatives during the Disposal Capacity Agreement Execution process.

A list of ideas was shared with the members of the Perry County SWAC and the following ideas were considered the most critical. Perry County is interested in further discussing these ideas with Respondents to possibly support a sustainable and/or enhanced Perry County integrated waste and recyclables management program. These include, but are not limited to:

- Develop two (2) new permanent recyclables drop-off facilities in Perry County (location to be determined by Perry County representatives), with potential expansion in the future
- Provide residents with semi-annual County-wide HHW collection events and/or support these events.
- Provide residents with semi-annual County-wide e-waste collection events and/or support these events.
- Provide residents with semi-annual municipal spring cleanup collection events and/or support these events.
- Develop a year round permanent e-waste collection drop-off/facility
- Provide educational material on the negative side effects of backyard burning of waste/recyclables material to supply to residents of Perry County
- Provide educational material specific to sectors (i.e. colleges, elementary schools, businesses, etc.) on increasing recycling and waste reduction
- Support and/or provide a County newsletter that includes waste and recycling information.
- Develop and/or support a community calendar that includes waste and recycling information (i.e. e-waste and HHW collection events, pharmaceutical collection event, etc.)
- Provide educational material/assemblies for local schools to discuss recycling and provide information to them on expanding their own recycling programs.
- Provide semi-annual educational material to residents on the proper way to recycle, how to reduce waste, etc.
- Provide dumpsters for both waste and recyclables at big events throughout Perry County (specific events to be discussed)
- Provide newspaper news releases periodically to educate residents on recycling and waste reduction
- Organize school competitions to get the community involved in recycling and waste reduction

Perry County is encouraging proposals from Respondents who share the philosophy that the preferred waste management hierarchy is to first practice source reduction; then reuse, recycle and organically process/ compost; and then to combust waste for energy recovery or place it in a sanitary landfill.



Facilities who participate in supporting a sustainable County integrated waste and recyclables management program may recognize the following benefits to their operations:

- Increased tonnage at processing/ disposal sites by assuring proper disposal of unrecyclable waste at Designated Facilities instead of being illegally dumped.
- Diversion of banned materials (such as tires, mercury thermometers & thermostats and yard waste) from landfills.
- Reduced delivery of toxic materials to processing/ disposal sites by providing recycling opportunities for electronics, mercury thermostats & thermometers, compact fluorescent bulbs, HHW, and similar types of materials.
- Diversion of organic materials from disposal, through mulching, composting and composting education.
- Possible conservation of landfill capacity through recovery of recyclable commodities.

Submittal forms are due in the offices of Barton & Loguidice, 3901 Hartzdale Drive, Suite 101 Camp Hill, PA 17011 no later than 4:00 p.m. prevailing time on Friday, January 23, 2015. Please contact Ashley Duncan of Barton & Loguidice, Perry County's designated point of contact at 717-737-8326, Ext. 2316, or at her e-mail address, aduncan@bartonandloguidice.com, to ask specific questions regarding the submittal forms and the disposal capacity agreement.

Transfer Stations responding to this Interest Letter are not required to complete and return the submittal form. They are only required to submit a response letter in which they state their compliance with the specific terms of the Disposal Capacity Agreement Contract that relates to municipal waste transfer stations. Alternatively, they can return an executed copy of the Draft Agreement with a cover letter signifying their acceptance of the requirements, and also including any required facility permit information.

Thank you for your interest in supporting and enhancing the waste and recycling initiatives in Perry County. We look forward to receiving your submission.

Sincerely,

BARTON AND LOGUIDICE, D.P.C.

A handwritten signature in blue ink, appearing to read 'Ashley D.', with a long horizontal stroke extending to the right.

Ashley N. Duncan, EIT
Engineer III
Attachments

SUBMITTAL FORM

FOR MUNICIPAL WASTE PROCESSING/DISPOSAL CAPACITY AND INTEGRATED WASTE AND RECYCLABLES MANAGEMENT PROGRAM SUPPORT

PERRY COUNTY, PENNSYLVANIA

Date: _____

To: Barton & Loguidice, D.P.C.
3901 Hartzdale Drive, Suite 101
Camp Hill, PA 17011
ATTN: Ashley N. Duncan, EIT, Engineer III
(on behalf of Perry County)

Respondent: Company Name _____
Address _____

City _____ State _____ Zip _____
Contact _____ Telephone (____) _____

The undersigned has examined the **Municipal Waste Processing/Disposal Capacity and Integrated Waste and Recyclables Management Service Agreement**, and has completed fully this **Submittal Form for Municipal Waste Processing/Disposal Capacity and Integrated Waste and Recyclables Management Program Support** (including the **Disclaimer Statement, Non-Collusion Affidavit** and the **Processing/Disposal Facility Questionnaire**) contained in this Submittal Form dated December 2014.

This Response is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation. Respondent has not directly or indirectly induced or solicited any other Respondent to submit a false submittal. Respondent has not sought by collusion to obtain for itself or to provide to any other Respondent any advantage over any other Respondent or over Perry County.

If selected by Perry County to be listed as a Designated Facility in the Perry County Solid Waste Management Plan (County Plan), the undersigned Respondent agrees to execute and deliver the **Municipal Waste Processing/Disposal Capacity and Integrated Waste and Recyclables Management Service Agreement**, including the required Certificate of Insurance, to Perry County in accordance with all of the terms of this request.

1. TYPES AND ESTIMATED QUANTITIES OF WASTE TO BE ACCEPTED

- a. Does this facility currently accept or intend to accept municipal waste from Perry County sources?

☐ Currently accepts municipal waste from within the boundaries of Perry County

Reported quantity received in 20__ : approximately _____ tons
of municipal waste

☐ Makes commitment to accept Perry County's municipal waste for at least the next five years (i.e. the first term of the service agreement)

☐ Makes commitment to accept Perry County's municipal waste for the second five-year renewal term of the service agreement, if the renewal option is selected by Perry County

- b. Please check type of facility.

☐ Landfill

☐ Resource recovery facility

☐ Municipal waste composting facility

☐ Other (specify) _____

Facility Name _____

Facility Location: _____

County _____

State _____

Does this facility meet all applicable federal, state and local laws, rules, regulations and guidelines, and does Respondent believe this will continue in the future?

☐ Yes

☐ No

If no, explain:

- c. Specify the types and quantities of municipal waste generated in Perry County that will be accepted for processing or disposal during the term of the agreement specified herein.

| Waste Type | Will Accept (Y/N) | Permitted Daily Avg. Tonnage of Facility | Minimum Guaranteed Tonnage Commitment to be Accepted per Operating Day - from Perry County* | Minimum Guaranteed Tonnage Commitment to be Accepted per Operating Week - from Perry County* | Minimum Guaranteed Tonnage Commitment to be Accepted per Operating Year - from Perry County* |
|---|-------------------|--|---|--|--|
| Conventional Municipal Waste | | | | | |
| Construction/Demolition Waste (C&D) | | | | | |
| Municipal Sewage Sludge | | | | | |
| Infectious & Chemotherapeutic Waste (ICW) | | | | | |
| Other (specify) _____ | | | | | |
| Other (specify)** _____ | | | | | |

* Please note "All" if there are no specified maximum limits; commitment here is for County' waste

** Attach additional pages if more types of waste need to be included

d. Minimum sludge characteristics required: % Solids _____
Other requirements?: _____

e. Will bulky wastes be accepted? ☐ Yes ☐ No
If yes, specify tonnage: _____ (tons/day or tons/year)

If yes, list types and other requirements: _____

f. Is Respondent willing to accept Residual Waste at its facility? ☐ Yes ☐ No
If yes, specify tonnage: _____ (tons/day or tons/year)

If yes, list types and other requirements: _____

- g. Please indicate the amount of municipal waste disposal capacity that the Respondent is willing to donate per year to non-profit groups and public agencies including, but not limited to, road adoptions and illegal dump cleanups (a desired minimum of 0.5% of your daily commitment to accept Perry County waste, or a minimum of 100 tons per year, whichever is less, is requested).

Is Respondent willing to donate disposal capacity for community and non-profit cleanup events? ☐ Yes ☐ No

If yes, please specify annual tonnage donation: _____ (tons/year)

2. INTEGRATED WASTE AND RECYCLABLES MANAGEMENT PROGRAM

As noted in the Cover Letter, Respondents are required to at least consider and share ideas with Perry County on the manner in which they may be able to provide support for a sustainable and/or enhanced integrated waste and recyclables management program serving Perry County, at least for the service area for which the Respondent's disposal site is also providing disposal services.

- a. Does Respondent agree to indicate whether, and to include ideas (in the response area of this section of the Submittal Form, found below) how it might support an enhanced and sustainable integrated waste and recyclables management program for Perry County?

☐ Yes

☐ No

- b. Does Respondent affirm its willingness to enter good faith discussions with Perry County to work to identify ways in which Respondent may potentially support an enhanced and sustainable integrated waste and recyclables management program for Perry County?

☐ Yes

☐ No

Perry County is looking to Respondents to help identify ways in which it may support the provision of sustainable and/or expanded programs for integrated waste and recyclables management in Perry County. While provision of these services is an optional component of the Disposal Capacity Agreement, Perry County strongly recommends and requests Respondents' support for provision of these services.

Respondents should describe below, and as needed on additional pages to be attached to this Submittal Form, ideas on how they may be able to support the sustainability and/or enhancement and expansion of a Perry County Integrated Waste and Recyclables Management Program, at least for the service area for which the Respondent's disposal site is also intending to provide disposal services. Use as many pages as necessary to demonstrate the manner of optional support for the sustainability and/or enhancement of these critical and important components of the Perry County Plan.

These optional ideas and concepts provided by Respondents may be further discussed and refined through the followup discussions and clarifications with Perry County.

Response: _____

(attach additional pages as necessary)

3. PROPOSED FEE SCHEDULE FOR WASTE PROCESSING/ DISPOSAL SERVICES

The proposed tipping fee schedule shall include all state and local fees as part of the Respondent's maximum, not to exceed, per ton disposal fee provided in the following section. These fees shall be interpreted to be not-to-exceed tipping fees that the site will offer for processing/ disposal of municipal solid waste, including C&D waste and various "special handling" wastes from Perry County. The Respondent should **not** include any proposed contribution to a proposed integrated waste and recycling sustainability program as part of its maximum tipping fee in this Price Submission.

PROCESSING/ DISPOSAL ONLY

| Contract Year* | Municipal Waste | | Construction/ Demolition Waste (C&D) | | Municipal Sewage Sludge** | | Infectious & Chemotherapeutic Waste (ICW) | |
|----------------|-----------------|--------------------|--------------------------------------|--------------------|---------------------------|--------------------|---|--------------------|
| | Price per Ton | Escalation Rate*** | Price per Ton | Escalation Rate*** | Price/ Ton | Escalation Rate*** | Price/ Ton | Escalation Rate*** |
| 2015 | | | | | | | | |
| 2016 | | | | | | | | |
| 2017 | | | | | | | | |
| 2018 | | | | | | | | |
| 2019 | | | | | | | | |
| 2020 | | | | | | | | |
| 2021 | | | | | | | | |
| 2022 | | | | | | | | |
| 2023 | | | | | | | | |
| 2024 | | | | | | | | |
| 2025 | | | | | | | | |

* Anticipated first year of operation under this contract is 2015.

** Please specify the adjustment in unit cost for variations in sludge characteristics

(if applicable): _____

*** May be left blank if fixed price/ton information is provided for all years.

For disposal of other types of wastes listed in Section 1.c, identify the tipping fee rate structure that would be used (first year cost with escalation rates, or future year fixed costs).

| Waste Type | (list) | | (list) | | (list) | |
|----------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|
| Contract Year* | Price/Ton | Escalation Rate** | Price/Ton | Escalation Rate** | Price/Ton | Escalation Rate** |
| 2015 | | | | | | |
| 2016 | | | | | | |
| 2017 | | | | | | |
| 2018 | | | | | | |
| 2019 | | | | | | |
| 2020 | | | | | | |
| 2021 | | | | | | |
| 2022 | | | | | | |
| 2023 | | | | | | |
| 2024 | | | | | | |
| 2025 | | | | | | |

* Respondent acknowledges that the costs presented above reflect 2015 as the anticipated first year of operation under the contract.

** May be left blank if fixed price/ton information is provided for all years.

Other not-to-exceed proposed rate schedules for materials from Perry County, such as bulky waste fees (list item and provide or attach rate structure):

[illegible]

4. COMPANY EXPERIENCE AND OPERATING HISTORY

- a. A general processing/ disposal facility questionnaire is included at the end of this section. For each Respondent, this questionnaire should be completely filled out and returned as part of the Submittal Package.
- b. **Pending Legal/Regulatory Actions** - Provide information on past or pending lawsuits and regulatory actions against the Respondent which may have a material impact on Respondent's ability to perform under this contract, and list any fines and/or penalties that have been imposed on Respondent by the PADEP, Federal or other State agencies on any solid waste facility that Respondent has had permitted over the past five years (attach separate sheets, if necessary).

- c. **Company Obligations** – List any obligations the Respondent has made which will commit processing and/or disposal capacity at the proposed site to parties other than Perry County. Include host community disposal obligations which may be required under 25 PA Code § 272, or other State and Federal regulations (attach additional sheets, if necessary).

- d. **Strength of Commitments and Contingency Plans** – Provide descriptive information on the following matters (attach separate sheets or include additional documents for response).
- (1) Confirmation of available capacity at a processing/ disposal facility, which currently has and will maintain, through the contract period, proper processing and/or disposal permits.
 - (2) Statement of transfer trailer accessibility to the proposed processing/ disposal facility.
 - (3) Information on financial strength of the Respondent to support the operation of the processing/ disposal facility and back the obligations and commitments to Perry County as specified above.
 - (4) Position of the Respondent regarding specific reservation of air space or capacity at processing/ disposal facility for duration of the contract term.
 - (5) Acceptance of Marcellus Shale drilling residuals and materials, and the potential impact of disposal of these residuals on the processing/ disposal capacity commitments of Respondent to Perry County.
 - (6) Contingency plans for continued processing/ disposal of waste in the event of a reduction in waste processing/ disposal capacity at the proposed disposal facility.
 - (7) Ability and willingness of the Respondent to accept variations in rates of waste delivery from Perry County.

-
-
-
-
-
-

- [illegible]

To: Barton & Loguidice, D.P.C.
3901 Hartzdale Drive, Suite 101
Camp Hill, PA 17011
ATTN: Ashley N. Duncan, EIT, Engineer III
(on behalf of Perry County)

From: _____ (Name of Firm)
 _____ (Mailing Address)

 _____ (Contact Person) _____ (Telephone Number)

- a. The undersigned having carefully read and considered the terms and conditions of the Municipal Waste Processing/ Disposal Capacity and Integrated Waste and Recyclables Management Service Agreement and other documents attached, and being familiar with the local conditions affecting the cost of the work, does hereby propose to furnish all labor, equipment, materials, tools, insurance, permits supervision and all other items necessary to provide municipal waste processing/ disposal services in accordance with the Municipal Waste Processing/ Disposal Capacity and Integrated Waste and Recyclables Management Service Agreement under the conditions and rates hereinafter set forth.
- b. In submitting this response, it is understood that Perry County reserves the right to reject any or all submittals, to waive any informalities in any submittal or the solicitation process, and to negotiate any final contract provisions based on the responses submitted.
- c. In submitting this response, undersigned agrees that no Price Proposal may be withdrawn for a period of twelve (12) months after the date for receipt of responses and that all Price Proposals shall be valid for this entire period, subject to cost adjustment as identified, unless advance written consent for such withdrawal is granted by Perry County.

Date: _____

_____ (Name of Firm)

By: _____

AFFIX CORPORATE SEAL

Title: _____
ATTEST:

**PERRY COUNTY
MUNICIPAL WASTE MANAGEMENT PLAN
PROCESSING/DISPOSAL FACILITY QUESTIONNAIRE**

A. BACKGROUND INFORMATION

1. Date:_____
2. Name of Facility:_____
3. Owner of Facility:_____
4. Type of Facility:
Landfill _____ Resource Recovery (Waste to Energy) _____
MSW Composting _____ C&D Processing _____
Other (describe): _____
5. Address and Phone Number of Owner:_____

6. Address of Facility (if different from above):_____

7. Contact Person:_____ Title:_____
Phone: (____) _____
8. Person Supplying Information:_____ Title:_____
Phone: (____) _____
9. State where Respondent entity is formed: _____
10. Approx. Road Mileage from Facility to 500 W. Main Street, Smethport, Perry
County, PA 16749:

B. PERMIT INFORMATION

Please complete the following for the portion of the site for which an approved PADEP municipal waste disposal permit or permit from state(s) outside of Pennsylvania has been obtained. For facilities other than landfills, describe the current permit conditions. Questions regarding proposed expansions are asked in a separate section of the questionnaire.

1. Permit Number _____
2. Permit Site Acreage _____ acres.
Disposal Area _____ acres.
3. If a Landfill, Permitted Capacity _____ tons/cubic yards _____ years
4. Design Capabilities (if other than a landfill): Design Capacity _____ tons/day
Maximum Continuous Rating (MCR) _____ tons/day
Available Processing Capacity _____ tons/day _____ tons/year
5. Waste Types and Quantities (2014)
Please Identify:
 - a. the maximum and average daily permitted quantities (in tons) of each of the listed types of waste, (if not accepted, please use N/A)
 - b. the expected annual tonnage of each type of waste, and
 - c. current tipping fees charged for waste deliveries (approximate, or give a range)

| Waste Type | Permitted Maximum Daily Tons | Permitted Average Daily Tons | Expected Annual Tons | Current Tipping Fee (specify per ton or cubic yard) |
|---|------------------------------|------------------------------|----------------------|---|
| Municipal Waste (except for types listed below) | | | | |
| Construction/ Demolition Waste (C&D) | | | | |
| Sewage Sludge | | | | |
| Infectious/ Chemotherapeutic Waste (ICW) | | | | |
| Waste Type | Permitted Maximum Daily Tons | Permitted Average Daily Tons | Expected Annual Tons | Current Tipping Fee (specify per ton or cubic yard) |
| Incinerator Ash | | | | |
| Asbestos | | | | |
| Other MSW (please specify) | | | | |
| Other MSW (please specify) | | | | |
| Residual Waste – Marcellus Residuals | | | | |
| Residual Waste - Other | | | | |

Minimum % Solids of Sewage Sludge _____%

6. If a landfill, for the area subject to the permit, what is the estimated total available disposal capacity between July 1, 2015 and final closure (as currently permitted)?

Approximately _____ tons over _____ years, or approx. _____ cubic yards of remaining air space.

C. DESCRIPTION OF FACILITY - LANDFILLS (add additional pages, if needed)

1. Please describe the design of your facility's permitted operations.

a. Primary Liner: (check those that apply)

☐ Synthetic membrane Thickness = _____ mils Material _____

☐ Remolded clay Thickness = _____ inches Permeability _____
_____ cm/sec

☐ Other _____

b. Secondary Liner:

☐ Synthetic membrane Thickness = _____ mils Material _____

☐ Remolded clay Thickness = _____ inches Permeability _____
_____ cm/sec

☐ Other _____

What portions of this system are currently in place? _____

2. Leachate collection and treatment method currently permitted and in operation.

3. Please list any current or expected site access restrictions to transfer trailers or other vehicles (bridges, road limitations, grade, etc.). _____

4. Do you provide any processing or other handling of recyclables at your facility? If yes, please explain. _____

If no, what plans do you have to add recyclables handling and processing at your facility? _____

- 5 Describe your facility's acceptance of Marcellus Shale drilling mud and other residuals and materials. Estimate the tons or quantity of Marcellus residuals accepted, and also as a percentage of total waste input at the facility. Also, describe the expected increase in acceptance of these materials in the future (next 5-10 years), and how you feel this will impact your ability to accept MSW and honor commitments to dispose of MSW and special handling municipal waste at your facility from Perry County.

6. Describe the quantity and types of recovered products (e.g. energy, compost, metals, wood products/ organics) from your facility and associated marketing arrangements or contracts.

D. EXPANSION PLANS

Please summarize your expansion plans in narrative form. Indicate status of design and permit requirements, and expected date of initial operation of expansion (attach response on separate sheet, if necessary).

1. Expected Waste Types

| Expected Waste Types | Estimated Annual Quantity to be Processed or Disposed (specify tons or cubic yards) | Percent of Total Quantity |
|---|---|---------------------------|
| Municipal Waste (except for types listed below) | | |
| Construction/ Demolition Waste | | |
| Sewage Sludge | | |
| Infectious & Chemotherapeutic Waste | | |
| Asbestos | | |
| Incinerator Ash | | |
| Other (please specify) | | |
| Other (please specify) | | |
| Residual Waste | | |

2. Additional Capacity Plans

a. If Landfill:

1. Expected Total Capacity (tons or cubic yards) _____
2. Expected Lifetime (yrs.) _____

b. Expected Start of Expansion Development _____

c. Start of Operations Date _____

NON-COLLUSION AFFIDAVIT

STATE OF _____:

COUNTY OF _____:

I state that I am _____ of _____
(Name of firm) and that I am authorized to make this affidavit on behalf of my firm, and its owners, directors, and officers. I am the person responsible in my firm for providing the pricing information and the reserved tonnages included in this response.

I state that:

1. The price(s) and tonnages contained in this response have been arrived at independently and without consultation, communication or agreement with any other contractor, Respondent or potential Respondent.
2. Neither the price(s) nor the tonnages contained in this response, and neither the approximate price(s) nor approximate tonnages in this response, have been disclosed to any other firm or person who is a Respondent or potential Respondent, and they will not be disclosed before the Submission due date and time, and opening of the Submission by Perry County's Consultant.
3. No attempt has been made or will be made to induce any firm or person to refrain from responding to this Submittal Form, or to submit a response higher than this response, or to submit any intentionally high or noncompetitive response or other form of complementary response.
4. The response of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or other noncompetitive response.
5. _____ (Name of firm), its affiliates, subsidiaries, officers, directors and employees are not currently under investigation by any governmental agency and have not in the last five (5) years been convicted or found liable for any act prohibited by state or federal law in any jurisdiction, involving conspiracy or collusion with respect to proposing on any public contract, except as follows (attach additional pages if necessary):

I state that _____ (Name of firm) understands and acknowledges that the above representations are material and important, and will be relied on by Perry County and its consultants in recommending the award of service

agreements for which this Response is submitted, on behalf of Perry County. I understand and my firm understands that any misstatement in this affidavit is and shall be treated as fraudulent concealment from Perry County of the true facts relating to the submission of Responses for this contract. I understand and my firm understands that any fraudulent concealment will allow Perry County to pursue all applicable remedies at law or equity including, but not limited to, the right to reject this Response.

Sworn to and Subscribed before me

Name

This _____ day of _____, 20__.

Company Position

_____(Notary Public)

My Commission Expires: _____

DISCLAIMER STATEMENT

The Consultant that represents Perry County has prepared the information contained in this Submittal Form from information received by them, and such information is believed to be accurate and reliable. However, by its receipt of this Submittal Form, the party whose name appears below releases and forever discharges the County and all others employed by and/or representing Perry County and associated with this project, from any and all claims which such person(s) has, have or may hereafter have arising out of any information contained in this Submittal Form. Any party who intends to submit a response to this Disposal Capacity Agreement for Municipal Waste Processing/Disposal Capacity Interest Letter is specifically invited to independently verify the accuracy of the information contained herein.

Name of Organization

Name

Title

Date

DRAFT

MUNICIPAL WASTE PROCESSING/ DISPOSAL CAPACITY AGREEMENT

Perry County, Pennsylvania

THIS MUNICIPAL WASTE PROCESSING/ DISPOSAL CAPACITY AGREEMENT
(the “Agreement”) made and entered into this _____ day of _____,
201, by and between the COUNTY OF PERRY (the “County”), a political subdivision of
the Commonwealth of Pennsylvania, and _____(the “Operator”), with
Permit Number _____.

WHEREAS, the Municipal Waste Planning, Recycling and Waste Reduction Act,
Act No. 101 of 1988, as amended (“Act 101”):

1. Requires the County to prepare, submit for approval to the Pennsylvania
Department of Environmental Protection (the “Department”) and then implement a
Municipal Waste Management Plan (the “Plan”), addressing the transportation, storage,
processing, recycling and disposal of municipal waste generated within the County;
2. Requires the County as part of its Plan to provide for assurances of capacity for
the processing and disposal of municipal waste expected to be generated within the
County for a period of at least ten (10) years, and further requires the County to execute
and submit to the Department contracts evidencing the implementation of its approved
Plan and ensuring sufficient available processing or disposal capacity.
3. Authorizes the County as part of its approved Plan to require that all municipal
wastes generated within its boundaries be processed or disposed of at duly licensed
processing and disposal facilities; and

WHEREAS, the Operator owns and operates a municipal waste landfill or other type of processing or disposal facility and desires to have the County designate said processing or disposal facility as a Designated Facility in its approved Plan; and

WHEREAS, the County on behalf of itself, its residents and all municipalities and municipal authorities and all other establishments generating municipal waste located or operating in the County, desires to secure a binding commitment from the Operator reserving capacity for disposal of certain quantities of municipal waste annually at Operator's municipal waste processing or disposal facility under certain terms and conditions.

NOW, THEREFORE, in consideration of the mutual promises and covenants contained herein, and intending to be legally bound, the parties hereto agree as follows:

SECTION 1. DEFINITIONS.

Unless the context clearly indicates otherwise, the following terms used in this Agreement shall have the following meanings:

Bulky Waste (Oversize/Bulky Waste – OBW) – Large Items of municipal waste, including but not limited to: white goods (appliances), furniture, auto parts, pipes, trees, branches or stumps which may require special handling due to their size, shape, or weight.

Bypassed Wastes – Municipal waste (as that term is defined herein) which must be re-routed to a back-up disposal facility due to the inability, for any reason, of the Owner/Operator of the contracted facility to accept municipal wastes for processing or disposal.

Chemotherapeutic Waste – Waste resulting from the production or use of antineoplastic agents used for the purpose of stopping or reversing the growth of malignant cells. Chemotherapeutic waste does not include waste containing antineoplastic agents that are listed as hazardous waste under Chapter 261.a of PA Code Title 25.

Commercial Waste – Solid waste originating from commercial establishments engaged in non-manufacturing or non-processing businesses, including, but not limited to: stores, markets, office buildings, service stations, restaurants, shopping malls, shopping centers and theaters.

Construction/Demolition Waste – Solid waste resulting from the remodeling, construction, or demolition of buildings and structures, including, but not limited to: wood, plaster, metals, asphaltic substances, bricks, block and unsegregated concrete. The term does not include the following if they are separate from other waste and are used as clean fill: (i) uncontaminated soil, rock, stone, gravel, brick and block, concrete and used asphalt; and (ii) waste from land clearing, grubbing and excavation, including trees, brush, stumps, and vegetative materials.

County – The County of Perry or its authorized representatives.

Force Majeure – An act of God, riot, insurrection, war, catastrophe or natural disaster.

Garbage – Putrescible animal or vegetable wastes resulting from the handling, preparation, cooking, serving, or consumption of goods and goods containers.

Gate Rate Fee or Tipping Fee– The applicable rate(s) or fee schedule that is published or is posted at the gate of the processing or disposal facility for acceptance of various types of solid waste delivered to a facility for processing or disposal,.

Hauler or Waste Collector – Any person, firm, partnership, association, or corporation, including any municipality, engaged in the business of collecting and transporting municipal solid waste to processing or disposal facilities.

Hazardous Waste – Waste which, by reason of its quantity, concentration or physical, chemical, or infectious characteristics, may: (1) cause or significantly contribute to an increase in mortality or an increase in morbidity in either an individual or the total population; or (2) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed or otherwise managed, or (3) is otherwise defined as hazardous or toxic by federal, state or local statute or regulation, including the Resource Conservation and Recovery Act of 1976,

Subtitle C, 42 USD 6901 et seq. and regulations issued thereunder; PA Act 97 and regulations issued thereunder: and in the federal Comprehensive Environmental Response, Compensation and Liability Act; or in any analogous federal, state or local law, all the foregoing as now in effect or as may hereafter be amended.

Infectious Waste – Waste which is generated in the diagnosis, treatment, immunization or autopsy of human beings or animals, in research pertaining thereto, in the preparation of human or animal remains for interment or cremation, or in the production or testing of biologicals and which falls under one or more of the categories listed as infectious waste under PA Code Title 25. Chapters 271 – 285.

Institutional Waste – solid waste originating from establishments engaged in service, including, but not limited to public buildings, hospitals, nursing homes, orphanages, schools and universities.

Leaf and Yard Waste – Leaves, garden residues, shrubbery and tree trimmings and similar material, including grass clippings.

Municipal Authority – Any authority created pursuant to the Municipality Authorities Act of 1945, as amended, or similar enabling legislation having as one of its express or implied powers or duties the collection, transportation, storage, processing and/ or disposal of municipal waste generated within the County.

Municipal Waste/ Municipal Solid Waste (MSW)/ Solid Waste – Garbage, refuse, industrial lunchroom or office waste and other material, including solid, liquid, semisolid or contained gaseous material resulting from operation of residential, municipal, commercial or institutional establishments or from community activities; and sludge not meeting the definition of residual or hazardous waste from a municipal, commercial or institutional water supply treatment plant, wastewater treatment plant or air pollution control facility. For the purposes of this Agreement, this term shall include, among other things, residential waste, Commercial Waste, Institutional Waste, Construction/ Demolition Waste, Bulky Waste, Chemotherapeutic Waste, and Infectious Waste, as well as Sewage Sludge, Septage, and other special handling wastes as defined by Pa Code Title 25 Chapter 271.

Municipal Waste Planning, Recycling and Waste Reduction Act – PA Act 101 of July 28, 1988, as amended, and the PADEP regulations promulgated thereunder.

Municipality – Any city, borough, incorporated town, township, home rule municipality, county or any municipal authority created by any of the foregoing.

Operator – The individual, firm, partnership, joint venture, corporation, or association providing municipal solid waste processing or disposal services under contract with the County of Perry.

PADEP or Department – The Pennsylvania Department of Environmental Protection and its authorized representatives.

Permit – A permit issued by the Pennsylvania Department of Environmental Protection (or other applicable state agency) to operate a municipal waste disposal or processing facility. The term includes a permit modification, permit reissuance and permit renewal.

Person – Any individual, partnership, corporation, association, institution, cooperative enterprise, municipality, municipal authority, Federal Government or agency, State institution or agency or any other legal entity whatsoever which is recognized by law as the subject of rights and duties.

Processing or Disposal Facility – The municipal waste landfill or other processing or disposal facility operated by Operator and licensed by the Department (or other applicable state agency) in accordance with Permit No. _____ and pursuant to the Solid Waste Management Act (Act 97) and Act 101 (or other applicable state agency's laws, rules and regulations), located at _____.

Recycling – The collection, separation, recovery and sale or reuse of metals, glass, paper, leaf and yard waste, plastics and other materials which would otherwise be disposed or processed as municipal waste, or the mechanized separation and treatment of

municipal waste (other than through combustion) and creation and recovery of reusable materials other than as a fuel product.

Refuse – Discarded waste materials in a solid or semi-solid state, consisting of garbage, rubbish, or a combination thereof.

Remaining Permitted Capacity – The weight or volume of municipal waste that can be disposed at a permitted municipal waste processing or disposal facility. The term shall only include the weight or volume capacity for which the PADEP (or other applicable state agency) has issued a permit.

Residual Waste – Any garbage, refuse, other discarded material or other waste, including solid, liquid, semi-solid or contained gaseous materials resulting from industrial, mining, and agricultural operations and any sludge from an industrial, mining, or agricultural water supply treatment facility, wastewater treatment facility, or air pollution control facility, provided that it is not hazardous. The term shall not include coal refuse as defined in the act of September 24, 1968 (P.L. 1040, No. 318), known as the Coal Refuse Disposal Control Act. The term shall not include treatment sludges from coal mine drainage treatment plants, disposal of which is being carried on pursuant to and in compliance with a valid permit issued pursuant to the act of June 22, 1973 (P.L. 1987, No. 394), known as the Clean Streams Law.

Resource Recovery Facility – A municipal waste processing facility that provides for the extraction and utilization of materials or energy from municipal waste that is generated off-site, including, but not limited to, a facility that mechanically extracts materials from municipal waste, a combustion facility that converts the organic fraction of municipal waste to usable energy, and any chemical and/or biological process that converts municipal waste into a fuel product. The term also includes any facility for the combustion of municipal waste that is generated off site, whether or not the facility is operated to recover energy. The term does not include;

- A. Any composting facility.
- B. Methane gas extraction from a municipal waste landfill.
- C. Any separation and collection center, drop-off point or collection center for recycling, or any source separation or collection center for composting leaf and yard waste.
- D. Any facility, including all units in the facility, with a total processing capacity of less than 50 tons per day.

Rubbish – Non-putrescible solid wastes except garbage and other decomposable matter. This includes but is not limited to ashes, bedding, crockery and non-recyclable paper, glass and metal products.

Septage – The liquid and/or solid material from municipal, commercial, institutional, residential, and/or any other sewage systems which is collected or pumped from septic or holding tanks or similar sewage treatment systems, including portable toilets.

Sewage Sludge – The coarse screenings, grit and dewatered or air-dried sludges, and other residues from municipal and residential sewage collection and treatment systems.

Solid Waste Management Act – Act 97 of 1980, 35 P.S. Section 6018.101 et seq., and the PADEP regulations promulgated thereunder.

Source-Separated Recyclable Materials – Materials that are separated from municipal waste at the point of origin for the purpose of recycling.

SECTION 2. TERM OF AGREEMENT.

This Agreement shall become effective on July 1, 2015. The term of this Agreement shall be for five (5) years ("Original Term"). The County shall have the option to renew this Agreement for an additional five (5) years, for a total of ten (10) years. The optional term is to be under the same terms and conditions as the Original Term, except as to Gate Rate Fees as indicated hereunder. Unless advised to the contrary by the County in writing not less than sixty (60) days prior to the expiration of the Original Term, it shall be understood that the County is exercising its option to extend the agreement for the succeeding option term and the effect will be to continue the Agreement without interruption. If the County

has exercised its right to the second five year term of the contract, the term of the contract shall end on the tenth anniversary of the contract commencement. The County shall have the sole discretion to exercise its right to renew the contract on the designated anniversary date. This Agreement supercedes any prior agreement.

SECTION 3. DESIGNATION AS DISPOSAL FACILITY

In consideration of Operator's covenants in this Agreement, the County hereby agrees to include Operator's processing and/or disposal facility in its Plan as a Designated Facility (nonexclusive) for municipal waste generated in the County.

SECTION 4. DISPOSAL OF MUNICIPAL WASTE; BACKUP FACILITY; OPERATOR'S RESERVATION OF MINIMUM CAPACITY.

A. The County is desirable of entering an Agreement with an Operator that can provide all of the municipal waste disposal needs of the County over the entire ten-year term of this Agreement (with renewal). Perry County's municipal waste (all types, not including recyclables) disposal needs from mid-2015 through mid-2025 are estimated to total 181,609 tons. Perry County estimates that its municipal waste disposal needs during any given year of this Agreement may be up to 18,056 tons per year, equivalent to approximately 65 tons per day on a five-and-one-half days per week basis. Operator will agree to accept various types of municipal wastes over the term of this Agreement.

B. During the term of this Agreement, the Operator agrees that it will reserve on a daily basis from year to year a **minimum** capacity of 100 tons per day, five-and-one-half days per week, or the equivalent of 28,600 tons annually, for processing/ disposal of

municipal waste delivered to the Operator's facility by haulers or transporters that are licensed by the Commonwealth of Pennsylvania under Act 90 and/ or are registered by the County, municipality/ municipal authority or council of government within the County (if such local registration program is in effect), to collect municipal waste originating from sources located in the County.

C. Operator is required to provide a backup processing or disposal facility that can meet all of the Operator's obligations under this Agreement, in the event that the Operator's facility ceases to be able to provide this service during the term of the Agreement. Operator has designated as its backup facility for this Agreement the_____).

D. The County is not obligated by the terms of this Agreement to guarantee the delivery to the Operator's facility of any minimum quantities of municipal waste.

E. The Operator will be required to accept Perry County municipal waste from waste haulers during business hours generally equivalent to 8:00 a.m. to 4:00 p.m. on Monday through Friday and on Saturdays from 9:00 am. to 12:00 noon, excluding the following holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving and Christmas. The Operator shall have, subject to approval of the County, the right to establish equivalent hours to those stated above; these hours that the Facility is open for receipt of Perry County's waste shall be attached to this Agreement and shall be adhered to during the term of this Agreement.

SECTION 5. KEEPING AND SUBMISSION OF RECORDS.

A. The Operator will be required to install and maintain certified truck scales to weigh all incoming loaded waste hauling vehicles to the disposal or processing facility and to weigh all outgoing empty waste hauling vehicles. All measurements shall be made by weight (tons), not volume (cubic yards). The scales used to weigh municipal waste shall conform to the Weights and Measurement Act of 1965 (73 P.S. Section 1651-1692) and applicable regulations thereunder. The operators of the scales shall be licensed public weighmasters under the Public Weighmasters Act (73 P.S. Sections 1771-1796) and regulations thereunder.

B. The Operator shall make and maintain an operational log for each day that municipal waste from Perry County is received, processed or disposed. At a minimum, the following information shall be recorded in the daily operational log:

- 1) The weight in tons of all municipal waste received and originating from sources located in Perry County. Municipal waste received at the Operator's Facility from a transfer station(s) shall record the original county of origin of the waste delivered, including the recording of "split" loads of waste originating from multiple counties.
- 2) The type or kind (residential, commercial, institutional, C & D, etc.) of all the aforesaid municipal waste received.
- 3) The name and address of the hauler or transporter of the aforesaid municipal waste received.
- 4) The collection location.

These records shall be maintained at the site by the Operator for not less than five (5) years and shall be made available to the Department, the County and the Host Municipality for inspection, upon request.

C. The Operator shall prepare and submit to the County an annual operation report in a format approved by the County for each calendar year. The annual operation report shall be submitted on or before March 31 of each year unless an alternate submission date is approved by the County. At a minimum, the following information shall be included in each annual operational report:

- 1) The type and weight of all municipal waste received during the annual reporting period and which originated from sources in Perry County;
- 2) A summary of the type and total weight of the aforesaid municipal waste;
- 3) The names of the haulers or transporters that delivered the aforesaid municipal waste;
- 4) A summary of the type and total weight of the aforesaid municipal waste received from each hauler or transporter;
- 5) For municipal waste landfills, a description of the capacity or volume used during the past year and the remaining permitted capacity and estimated life of the facility based upon annual topographic survey information, as well as the name and location of the disposal facilities where any bypassed wastes were disposed;
- 6) For resource recovery and other processing facilities, a summary of the average daily and annual throughput tonnage processing rates at the facility, as well as

the name and location of the disposal facilities where any bypassed wastes and waste byproducts, such as incinerator ash and process residues, were ultimately disposed;

7) A current Certificate of Insurance as evidence of continuous insurance coverage for general liability insurance as required under the Agreement; and

8) Copies of all notices of violation, civil penalty assessments and/or administrative orders issued by Federal, State or local regulatory authorities to the owner and/or operator of the facility during the year.

9) The annual operation report shall be signed by the Operator.

10) Additionally, the Operator shall provide to the County all information and data required for submission of reports that are specifically required to be filed by the County or its representatives concerning the Agreement.

D. In the event the Operator's permit is suspended or revoked, Operator shall immediately give written notice of said revocation or suspension to the County.

E. The County and its authorized agent or employee(s) shall upon reasonable notice and during business hours have access to and the right to copy any logs, records, papers, reports and/or other documents pertaining to the quantities and sources of municipal waste originating from sources in Perry County and accepted at the Facility for the purpose of verifying compliance with terms and provisions of this Agreement.

F. The Operator shall provide written notification to the County of any permit modification applications for the following types of permit changes, at the time that the application is first submitted to the Department:

1) Changes in the permitted site volume or capacity;

- 2) Changes in the permitted average daily waste volume or loading rate;
- 3) Changes in the permitted acreage;
- 4) Changes in the name or location of the disposal facilities where bypassed wastes are ultimately disposed; and
- 5) Changes in the ownership.

G. The Operator shall provide copies to the County of all reports, permit amendments, etc. prepared and submitted to the Department at the same time such documents are submitted to the Department.

SECTION 6. DISPOSAL FEES AND OTHER CHARGES.

A. The maximum Gate Rate Fee to be charged to haulers for various types of municipal waste generated in Perry County and disposed of at the Facility shall be set forth on Exhibit "A" attached hereto. The maximum Gate Rate Fees charged shall be no more than the approved rates in Exhibit A that the Operator previously submitted to Perry County for the given calendar year for the type of waste delivered.

B. Also in addition to the Gate Rate Fee shall be any fee including, but not limited to, recycling fee, post closure fee and host municipality benefit fee as provided under Act 101 and any other fee imposed under the said Act or that may be imposed by the state, county, any other municipality and all other governmental authorities. The Operator shall make payment of any fees imposed hereunder as provided under Act 101 or as provided by the county or other municipality imposing the fee.

C. The Operator shall be responsible for the billing and collection of all disposal fees. Under no circumstances shall the County be responsible to pay any disposal fees or administrative surcharges.

SECTION 7. INSURANCE.

A. The Operator shall be required to maintain in full force and effect throughout the term of the agreement, and any renewal or extension thereof, a general liability insurance policy to provide continuous coverage against third party claims for property damage and bodily injury, as specified in this Section. The effective date of the required insurance policy shall be prior to the initiation of any waste disposal services under this Agreement.

B. The insurance policy must comply with the following conditions:

1) The policy must be issued by an insurer having a certificate of authority and a licensed agent authorized to transact the business of insurance in the Commonwealth of Pennsylvania by the Pennsylvania Insurance Department.

2) The policy shall follow the standard commercial or comprehensive general liability policy forms approved by the Pennsylvania Insurance Department, and shall include coverage for property damage and bodily injury to third persons.

3) The policy shall be in one of the following forms:

(a) Per occurrence and aggregate limits apply separately to property damage and bodily injury, or

(b) Per occurrence and aggregate limits apply to property damage and bodily injury combined.

4) The policy shall provide that it may not be cancelled or otherwise terminated by anyone until the County has been given written notice of cancellation by certified mail, return receipt requested. The policy shall further provide that termination will not be effective until at least 30 days after the written notice is received by the County.

5) The amount of coverage provided for property damage and bodily injury may be exclusive or inclusive of legal defense costs.

6) The policy shall provide for full payment of claims up to the full amount of coverage required herein, regardless of the deductible amount. If the policy provides the insurer with a right to reimbursement by the insured for payment of the deductible amount, the policy shall provide that the insurer is liable for payment of the deductible amount. If the policy does not provide the insurer with a right of reimbursement or similar method of recuperation, the insured shall provide additional coverage amounts to meet the requirements herein by purchase of excess coverage for the deductible amount.

7) Operator is an independent contractor and is not to be construed as an "agent of the County". The County is in no way responsible for direction of Operator's business.

8) The County of Perry shall be named as an additional insured party.

C. The limits of insurance under the commercial general liability, which is inclusive of the legal defense costs, are to provide the following minimum limits:

1) Each occurrence limit \$3,000,000 combined single limit.

2) General aggregate limit \$6,000,000.

D. The Operator shall be required to submit to the County proof of insurance coverage before the final Agreement is executed. At a minimum, proof of insurance will consist of a certificate of insurance which:

- 1) States the name of the insurance company, the insured owner, that the County is an additional insured, and lists the Facility covered by the policy.
- 2) Identifies the kinds of coverage provided by the policy and the amounts of coverage, exclusive of legal costs.
- 3) Identifies the beginning and ending dates for the policy.
- 4) Specifies that a minimum 30-day prior written notice shall be given by the insurer to the County and the owner, by certified mail, before any cancellation or other termination of the policy becomes effective.
- 5) States that the insurer is liable for payment on the policy without regard for the bankruptcy or insolvency of the insured.
- 6) Be signed in blue ink by an authorized agent of the insurance company.

A complete copy of the insurance policy or policies listed in the certificate of insurance shall be provided to the County within 30 days of submission of such certificate or in lieu thereof a certificate of insurance setting forth the policy limits, the type of coverage, what it covers, and who it covers.

E. The Operator shall be required to submit to the County a current certificate of insurance as evidence of continuous insurance coverage as part of the annual operation report required under the Agreement. The annual certificate of insurance shall contain the

same information and provisions as specified for the original proof of insurance certificate under the requirements of the preceding paragraph.

SECTION 8. INDEMNIFICATION.

The Operator agrees to indemnify and save harmless the County, its officers, agents, servants, employees, consultants and engineers from and against any and all suits, actions, legal proceedings, claims, demands, damages, costs, expenses and attorney's fees resulting from a willful or negligent act or omission of the Operator, its officers, agents, servants and employees in the performance of this Agreement; provided, however, that the Operator shall not be liable for any suits, actions, legal proceedings, claims, demands, damages, costs, expenses and attorney's fees arising out of the award of this Agreement or the willful or negligent act or omission of the County, its officers, agents, servants, employees, consultants and engineers.

SECTION 9. OPERATOR'S REPRESENTATIONS.

The Operator represents and warrants that it is a duly organized and existing corporation in good standing under the laws of the Commonwealth of Pennsylvania (or in another applicable state in which the Operator's facility is located), that it is authorized to do business in the Commonwealth of Pennsylvania (or in another applicable state in which the Operator's facility is located), that it is in substantial compliance with the provisions of the Solid Waste Management Act (or similar provisions of another applicable state, as appropriate) and all applicable Department and County regulations, that it possesses the full power and authority to execute this Agreement and perform its obligations hereunder,

and that it possesses, has applied for, or intends to apply for all requisite permits, licenses, authorizations and other approvals from the County, the Department and all other governmental authorities necessary for operation of the processing or disposal facility as required by this Agreement. Operator acknowledges that all requisite permits and approvals needed to provide services under this Agreement shall be in full effect by the effective date of this Agreement, and shall remain in effect for the full term of this Agreement.

The Operator also represents and warrants that it has the right and permission to provide the proposed backup processing or disposal facility, to guarantee its ability to meet its obligations under this Agreement in the event that its facility cannot, for whatever reason, continue to be used to provide the required processing or disposal capacity for Perry County municipal waste. These backup facility services, if needed, shall be offered by the Operator at the same ceiling Gate Rate Fee schedule contained in Exhibit A of this Agreement, for all of the types of municipal waste processing or disposal offered by the Operator herein.

SECTION 10. BREACH OF AGREEMENT.

A. If the Operator fails to perform, or to perform in a satisfactory manner, or to perform in accordance with applicable State or Federal regulations, the County shall have the right to demand in writing adequate assurances from the Operator that steps have been or are being taken to rectify the situation. Within ten (10) days of receipt of any such demand, the Operator must submit to the County a written statement that explains the

reasons for the non-performance or delayed, partial, or substandard performance during that period and any continuance thereof. The Operator shall also have the option to present an oral explanation before the County followed by a written summary. Upon receipt of the Operator's statement or the failure of the Operator to submit a statement, the County may, except under the conditions of Force Majeure as defined herein, vote to terminate the agreement.

B. Neither the Operator nor the County shall be liable for the failure to perform their duties and obligations under the Agreement or for any resultant damages, loss, expense, etc., if such failure was the result of an act of God, riot, insurrection, war, catastrophe, natural disaster, or any other cause which was beyond reasonable control of the Operator or the County and which the Operator or County was unable to avoid by exercise of reasonable diligence.

SECTION 11. ASSIGNMENT OF AGREEMENT.

A. No assignment of this Agreement or any right accruing under this Agreement shall be made in whole or in part by the Operator without prior express written approval by the County, which approval shall not be unreasonably withheld. In the event of any delegation of a duty, the delegate shall assume full responsibility and liability for performance of that duty without affecting the Operator's liability.

B. The County of Perry shall have the right to assign the Agreement to a county solid waste authority or other duly established county, municipal, or council of government entity as permitted by Act 101 without penalty or without voiding the Agreement.

SECTION 12. APPLICABLE LAW.

The parties to the Agreement agree that the laws of the Commonwealth of Pennsylvania shall govern the validity, construction, interpretation and effect of this Agreement. The Operator shall conduct the service of municipal waste processing and/ or disposal as provided for by this Agreement in compliance with all applicable Federal, State and local regulations and laws. This Agreement and the work to be performed as described herein is subject to the provisions of all pertinent County ordinances which shall be made part thereof with the same force and effect as if specifically set out herein.

SECTION 13. MODIFICATION OR AMENDMENT.

This Agreement constitutes the entire agreement of the parties on the subject matter hereof and may be changed, modified, discharged or extended only by written amendment duly executed by the parties. The parties agree that no representations or warranties shall be binding upon either party unless expressed in writing herein or in a duly executed amendment hereof.

SECTION 14. NON-WAIVER.

A failure by either party hereto to take any action with respect to any default or violation by the other party of any of the terms, conditions or covenants of this Agreement shall not in any way limit, prejudice, diminish or constitute a waiver of any right to act with

respect to any prior, contemporaneous, or subsequent violation or with respect to any continuation or repetition of the original violation or default.

SECTION 15. BINDING EFFECT.

This Agreement shall be binding upon and shall inure to the benefit of the parties and their respective authorized successors and assigns, if any.

SECTION 16. NO CO-PARTNERSHIP OR AGENCY.

It is understood and agreed that nothing herein contained is intended or shall be construed to in any respect create or establish the relationship of co-partners between the County and the Operator, or as constituting the Operator the general representative or general agent of the County for any purpose whatsoever.

SECTION 17. RESERVATION.

The County reserves the right to exercise its authority as provided by Act 101 and other applicable law to control the flow of municipal waste from designated municipalities or portions thereof to designated municipal waste processing or disposal facilities, when such designation will be necessary to ensure sufficient disposal capacity for municipal waste generated in the County.

SECTION 18. PLAN REVISIONS.

Nothing herein shall be deemed to restrict the County's right to submit a revision or update of its Plan to the Department for approval. The County covenants and agrees that during the term of this Agreement and any renewals thereof, the County shall not delete Operator's Facility from the Plan unless required to do so by the Department of Environmental Protection or other applicable state or other municipal agency, or unless subject to a subsequent Plan revision or update that shall contain such provision.

SECTION 19. NOTICES.

All notices, reports and comments required or furnished pursuant to this Agreement shall be in writing and shall be mailed by first-class mail, postage prepaid, and addressed to each party as follows:

A. As to the County:

Perry County Chief Clerk
P.O. Box 325
New Bloomfield, PA 17068

or to such other place as the County may from time to time designate in writing.

B. As to the Operator:

or to such other place as the Operator may from time to time designate in writing.

SECTION 20. HEADINGS.

The headings of the several paragraphs of this Agreement are inserted only as a matter of convenience and for reference, and they in no way define, limit, or describe the scope or intent of any provision of this Agreement, nor shall they be construed to affect in any manner the terms and provisions hereof or the interpretation or construction thereof.

SECTION 21. MINIMUM PROCESSING/ DISPOSAL CAPACITY DONATION FOR NON-PROFIT ACTIVITIES.

_____ tons/year. Further events will be evaluated on a case by case basis.

SECTION 22. COMMITMENT TO SUPPORT AN INTEGRATED WASTE AND RECYCLABLES MANAGEMENT PROGRAM IN PERRY COUNTY

In addition to securing disposal capacity, the Commonwealth of Pennsylvania authorizes county waste management plans to include an integrated waste management approach, where waste and recyclables management is handled in a preferred waste management hierarchy, which first practices source reduction, then recycles and composts materials, and then recovers energy through combustion of waste at a waste-to-energy facility and/ or places any remaining waste in a sanitary landfill.

The Perry County Plan has identified an Integrated Waste and Recycling Sustainability Program, which contains specific program tasks to improve recycling, expand recycling opportunities in the County, educate the public on proper waste management and recycling, properly handle/ recycle/ dispose of certain specialty waste items, support the

cleanup of illegally disposed waste in the County, and similar measures. The provision of integrated waste and recyclables management services in the County will require expansion of the existing programs and/ or funding support to help sponsor a County supervised Integrated Management Program.

Perry County requested proposals from disposal facilities describing how the disposal facility may participate in a sustainable integrated waste and recyclables management program in Perry County over the ten (10) year planning period. As part of this Disposal Capacity Agreement, Perry County is requesting _____ (Disposal Facility) to implement the elements of the proposal submitted on behalf of the aforementioned disposal facility and attached to this Agreement as Exhibit C.

SECTION 23. MISCELLANEOUS PROVISIONS.

A. The Agreement may be modified or changed only in writing duly signed by the Operator and the County.

B. The parties expressly agree that jurisdiction and venue with respect to any action arising from this Agreement shall be solely in the United States District Court, Middle District of Pennsylvania, Harrisburg Division, unless the federal court refuses to accept jurisdiction in which case venue and jurisdiction shall lie solely in the Court of Common Pleas of Perry County, and each party waives all objections to personal jurisdiction and venue. The parties expressly waive their rights to a trial by jury, and agree and consent to a trial by court. The parties agree that the provisions of this Agreement shall be interpreted in accordance with the laws of the Commonwealth of Pennsylvania without regard to its choice of law provisions.

This Agreement was authorized by the Board of County Commissioners on

_____, 201_.

COUNTY OF PERRY

By: _____
Brenda K. Benner, Chairman

By: _____
Stephen C. Naylor, Vice Chairman

By: _____
Paul L. Rudy Jr., Secretary

ATTEST:

Brenda J. Albright, Chief Clerk

OPERATOR:

By: _____
President

ATTEST:

Secretary

EXHIBIT “A”

CEILING GATE RATE FEES

Fee Schedule(s) from Operator's Submittal Form
Not-To-Exceed Tipping Fees for Multiple Types of Municipal Waste
By Contract Year

EXHIBIT “B”

**OPERATOR’S HOURS OF FACILITY OPERATION AND WASTE RECEIPT,
AND HOLIDAYS WHERE FACILITY OPERATION IS RESTRICTED**

(Operator insert hours of operation and holiday restrictions following this page)

EXHIBIT “C”

OPERATOR’S INTEGRATED WASTE AND RECYCLING SUSTAINABILITY PROGRAM PROPOSAL

DRAFT
MUNICIPAL WASTE TRANSFER STATION AGREEMENT

Between
Transfer Station and Perry County, Pennsylvania

In accordance with recommendations to be contained in the 2014-2015 update to the Perry County Municipal Waste Management Plan (County Plan), municipal waste, including conventional municipal waste, construction/ demolition waste, infectious/ chemotherapeutic waste, and “special handling” municipal wastes that are generated from within the boundaries of Perry County, must be processed/ disposed at a Designated Facility to be listed in the Perry County Plan. This Plan is currently under development, and is expected to be finalized and approved by 2015.

This Agreement is made this _____ day of _____, 201__ by and between Perry County, Pennsylvania, a county organized and existing under the laws of the Commonwealth of Pennsylvania, with place of business at its county seat, hereinafter “Perry County,” and _____ (“Transfer Station”). By signing this agreement, Transfer Station acknowledges that all municipal waste that it receives at its transfer facility, that is generated from within the boundaries of Perry County, and that is to be disposed of, will be delivered to the aforementioned Designated Facilities.

Transfer Station agrees to maintain a valid municipal waste transfer operating permit with the PA Department of Environmental Protection (DEP), and to remain in compliance with all federal, state and local laws, rules and regulations throughout the period of this Agreement.

Further, Transfer Station agrees to accurately track and report (to the disposal site(s) that the waste is delivered to, on a per-load basis, and to Perry County, on an annual basis) the types and quantities of municipal waste accepted and transferred by Transfer Station from Perry County to each Designated Facility(ies), including designation of the county(ies) of origin from which the transfer station receives the waste (i.e. from the county(ies) of origin that generated the waste).

This Agreement will take effect on July 1, 2015 or, if later, the date that DEP approves the County Plan. This Agreement will remain in effect for a period of five (5) years, and Perry County shall maintain an option, in its sole discretion, to renew this contract for an additional five (5) years. If a Designated Facility referenced above should decide to no longer accept waste from the Counties specified, or if additional Designated Disposal Facilities are approved for the acceptance of Perry County municipal waste, through the Plan’s process to add facilities to the plan, Transfer Station must discontinue use of (in the case of a facility that terminates services to Perry County), or may begin utilizing (in the case of newly Designated Facilities) such Designated Facilities for processing/ disposal of such municipal wastes from Perry County.

IN WITNESS WHEREOF, Perry County and the Transfer Station have caused this Municipal Waste Transfer Station Agreement to be executed as of the date and year first written.

PERRY COUNTY

By: _____

Date: _____

Title: _____

TRANSFER STATION

By: _____

Date: _____

Title: _____

List of Services Offered by Respondents

Integrated Waste and Recyclables Management Program

Services Offered from Interest Letter

Clinton County Landfill

- Technical assistance for the County's recycling program
- Possibly expand commodity marketing efforts to include Perry County

Cumberland County Landfill

- Meet with Perry County to discuss needs and options
- Cumberland County Landfill currently accepts single stream recycling at its facility

WM – Mountain View Reclamation Landfill and Laurel Highlands Landfill

- They have a single stream recycling processing center in York, PA, approximately 41 miles east of Perry County
- WM staff will work with willing communities to develop collection programs that encourage recycling, educate residents, reduce solid waste and control costs
- Will work with the County to expand on the drop-off locations throughout the County and support efforts to transition to a more municipal based collection process
- Work with communities, commercial establishments and institutions in the Region to grow volume and increase participation in recycling
- At Your Door Program, offers customers of WM curbside collection of the following items: household chemicals, paint products, automotive chemicals and batteries, electronics, garden chemicals, swimming pool chemicals, and universal materials
- Municipalities interested in the At Your Door Program should contact their local WM public sector solution representative
- In 2014, WM rolled out a nationwide campaign, titled "Recycle Often. Recycle Right". The three main objectives are: Think before you toss, Get creative and Raise awareness. This campaign has the ability to provide comprehensive information for the public, while providing the educational materials needed to effectively communicate the message to recyclers across the state. Campaign materials are available for download at www.recycleoftenrecycleright.com
- WM is willing to work with champions in Perry County to create a public awareness campaign to educate the public on the problem of illegal dumping.
- WM provides grants through their partnership with Keep American Beautiful (KAB). In 2013 and 2014, WM and KAB awarded a total of seventy (70) \$4,000 WM Think Green Grants that supported projects such as the Great American Clean-Up (GAC), along with recycling, community clean-ups, beautifications or community greening projects and/or related educational programs. Also awarded over the two years were twenty (20) \$10,000 KAB Affiliate Grants to KAB affiliates throughout the Country.

- WM may provide content for educational material and publications to help promote recycling, sustainability and waste management best practices to residents throughout the County. This may include:
 - education material specific to sectors such as schools, universities and businesses on the importance of recycling and waste reduction
 - content for a Countywide newsletter highlighting waste and recycling information
 - Education material, such as items available through “Recycle Often. Recycle Right”, promoting recycling best practices
 - Media releases educating residents on recycling and waste reduction. Special releases may also be provided and distributed focusing on Earth Day and America Recycles Day
 - Content for community websites and social media platforms
 - Communication and education pieces focused on the Great American Clean Up
- WM actively works with schools that partner with WM to help promote recycling to key players. WM staff can work with administration to create key messaging to send to maintenance staff, cafeteria workers, teachers and students. Waste audits can be performed to identify what is being thrown away, and where there is the biggest opportunity to increase recycling rates
- WM has, in some instances, gone inside schools to host recycling assemblies
- WM is a national sponsor of KAB’s, the Great American Cleanup, providing in-kind equipment, manpower and logistical support to millions of volunteers in local efforts
- WM also supports numerous smaller activities in local communities through associated KAB chapters
- Groups and organizations registered as part of the “Great American Clean Up of PA” were offered free disposal from April 12 through May 5 to help with their community cleanup efforts
- WM also sponsors America Recycles Day and Arbor Day, through their partnership with the Arbor Day Foundation. Events promoting the awareness of these environmental holidays are ways for WM to partner with local communities

LCSWMA and SRMC WTE Facility

- Technical support in developing a county wide recycling program, including writing contract specifications for curbside collection programs, purchasing recyclable program material, and educating residents.
- LCSWMA operates a permanent HHW Facility. LCSWMA markets the materials received to certified recyclers for proper disposal. Information related to HHW collection may be passed on to Perry County

Table 1

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Table 1
Perry County Solicitation of Interest Process - Review of Submittal Forms
Response to Waste Disposal Capacity and Integrated Waste and Recycling Services Support Interest Letter
Completeness Review

| Respondent | Clinton County Landfill | WM - Laurel Highlands Landfill | WM - Mountain View Reclamation Landfill | Cumberland County Landfill | SRMC WTE - Lancaster County | Lancaster WTE - Lancaster County | WM - Camp Hill Transfer Station | Mifflin County Transfer Station |
|---|-------------------------|--------------------------------|---|----------------------------|-----------------------------|----------------------------------|---------------------------------|---------------------------------|
| Proposal Submission | | | | | | | | |
| 1. Before Submission Deadline | x | x | x | x | x | x | x | x |
| 2. Included Proper Forms | x | x | x | x | x | x | x | x |
| 3. Completed in Ink or Typewritten | x | x | x | x | x | x | x | x |
| 4. Disclaimer Statement | x | x | x | x | x | x | | |
| 5. Correct Number of Copies | x | x | x | x | x | x | x | x |
| Proposal Content | | | | | | | | |
| 1. Correct Term of Contract | x | x | x | x | x | x | N/A | N/A |
| 2. Type and Estimated Quantities of Waste to Be Accepted | x | x | x | x | x | x | N/A | N/A |
| 3. Proposed Rate Schedule | x | x | x | x | x | x | N/A | N/A |
| 4. Company Experience and Operating History | x | x | x | x | x | x | N/A | N/A |
| <i>Lawsuit/regulatory actions/fines</i> | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| <i>Company Obligations</i> | N/A | x ⁵ | x ⁹ | x ¹² | x ¹⁵ | x ¹⁸ | N/A | N/A |
| <i>Contingency Plans</i> | x ¹ | x ⁶ | x ¹⁰ | x | x ¹⁶ | x ¹⁹ | N/A | N/A |
| <i>Deviations from RFP Scope or Specifications</i> | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 5. Agreement to Terms and Conditions of RFP, Sealed | x | x | x | x | x | x | N/A | N/A |
| 6. Willingness To Accept Waste, 1st 5 Yrs/ 2nd 5 Yrs | yes/yes | yes/yes | yes/yes | yes/yes | yes/yes | yes/yes | N/A | N/A |
| 7. Min. Tons/yr Guaranteed MSW/ Yr (conventional MSW + C&D) | 73,000 | 26,000 | 25,775 | ALL | 6,000 | 5,000 | N/A | N/A |
| 8. Tons of Donated LF Capacity/yr | 50 tons/year | 100 tons/year | 0.05% tons/yr | 100 tons/year | N/A | N/A | N/A | N/A |

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| Respondent | Clinton County Landfill | WM - Laurel Highlands Landfill | WM - Mountain View Reclamation Landfill | Cumberland County Landfill | SRMC WTE - Lancaster County | Lancaster WTE - Lancaster County | WM - Camp Hill Transfer Station | Mifflin County Transfer Station |
|--|-------------------------|--------------------------------|---|----------------------------|-----------------------------|----------------------------------|---------------------------------|---------------------------------|
| 9. Integrated Waste Services - Does respondent agree to indicate whether, and include ideas how it might support an enhanced and sustainable integrated waste and recyclables management program | Yes ² | Yes ⁷ | Yes ¹¹ | Yes ¹³ | Yes ¹⁷ | Yes ¹⁷ | N/A | N/A |
| 10. Integrated Waste Services - Does the respondent affirm its willingness to enter good faith negotiations with Perry County to work to identify ways in which respondent may potentially support an enhanced and sustainable integrated waste and recyclables management program | Yes | Yes | Yes | Yes | Yes | Yes | N/A | N/A |
| 11. Notarized Non-Collusion Affidavit | × | × | × | × | × | × | N/A | N/A |
| 12. Landfill Questionnaire | × | × | × | × | N/A | N/A | N/A | N/A |
| Background Information | × | × | × | × | N/A | N/A | N/A | N/A |
| Permit Information | × | × | × | × | N/A | N/A | N/A | N/A |
| Description of Facility | × | × | × | × | N/A | N/A | N/A | N/A |
| Expansion Plans | × | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

Table 1
Perry County Solicitation of Interest Process - Review of Submittal Forms
Response to Waste Disposal Capacity and Integrated Waste and Recycling Services Support Interest Letter
Completeness Review

| Respondent | Clinton County Landfill | WM - Laurel Highlands Landfill | WM - Mountain View Reclamation Landfill | Cumberland County Landfill | SRMC WTE - Lancaster County | Lancaster WTE - Lancaster County | WM - Camp Hill Transfer Station | Mifflin County Transfer Station |
|---|-------------------------|--------------------------------|---|----------------------------|-----------------------------|----------------------------------|---------------------------------|---------------------------------|
| 13. Resource Recovery/Other Processing Facility Questionnaire | N/A | N/A | N/A | N/A | × | × | N/A | N/A |
| Background Information | N/A | N/A | N/A | N/A | × | × | N/A | N/A |
| Permit Information | N/A | N/A | N/A | N/A | × | × | N/A | N/A |
| Description of Facility | N/A | N/A | N/A | N/A | × | × | N/A | N/A |
| Expansion Plans | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 14. Transfer Station Submission | N/A | N/A | N/A | N/A | N/A | N/A | × | × |
| Deliver waste from the Region only to Designated Facilities listed in the McKean County Plan | N/A | N/A | N/A | N/A | N/A | N/A | × | × |
| Agreeing to accurately track and report the quantities and types of municipal waste accepted and transferred from the County, by county of origin from which the transfer station receives the waste. | N/A | N/A | N/A | N/A | N/A | N/A | × | × |
| Agreeing to submit a copy of your current transfer station operating permit | N/A | N/A | N/A | N/A | N/A | N/A | × | × |

= Shading indicates that proposal is missing this information.

N/A= Not applicable

1. Lycoming County
2. Clinton County SWA operates a county-wide recycling program which utilizes both curbside and drop-off collection options. We process and market the material we collect under this program. We also sponsor special collection events for waste tires and household hazardous waste. Based on the requested management program, the Authority could provide technical assistance for the County's recycling program, and possibly expand commodity marketing efforts to include Perry County, which could result in higher market pricing for both entities.
3. The facility currently accepts approximately 50-100 tons per day of drill cuttings and plant trash from the Marcellus Shale industry. These waste streams account for approximately 5-10% of the total waste received at the facility.
4. On Sept. 14, 2010 they received a permit from the PADEP to redevelop the closed Northside Landfill. Once fully constructed, this double-lined landfill will provide over 13 million cubic yards of air space. Construction of the first disposal field was completed in late 2012, and they started placing waste in April 2013. The second disposal field was constructed during 2014 and started being utilized in January 2015. The balance of the Northside Lnadfill will be constructed over the next 8-10 years.
5. Armstrong Co., Cambria Co., Cameron Co., Centre Co., Columbia Co., Cumberland Co., Indiana Co., Jackson Twp., Jefferson Co., Juniata Co., Lycoming Co., Mifflin Co., Monroe Co., Montour Co., Northumberland Co., Perry Co., Snyder Co., Somerset Co., Union Co., Westmoreland Co.
6. Southern Alleghenies LF, Mountain View Reclamation, Evergreen LF
7. WM has provided a 7 page document outlining iniatives they can help Perry County with. See Attached Document.
8. Over the past several years Laurel Highlands LF has received less than 5% of the total annual volume from the Marcellus Industry.
9. Adams, Bedford, Blair, Centre, Columbia, Cumberland, Dauphin, Franklin, Huntingdon, Jefferson, Juniata, Lehigh, Mifflin, Montour, Northampton, Potter, Snyder. Host municipal agreements with Antrim and Montgomery Twps in Franklin Co.
10. Laurel Highlands LF
11. WM has provided a 7 page document outlining iniatives they can help Perry County with. See Attached Document.
12. Blair, Snyder, Cumberland, Dauphin (C&D), Adams, Carroll Co., MD
13. ADS looks forward to meeting with Perry County to discuss needs and options. Cumberland County Lnadfill currenty accepts single stream recycling at its facility
14. Facility is permitted to accept marcellus shale residuals. Facility does not currently accept marcellus shale residuals. Facility will accept marcellus shale residuals in the future if the opportunity arises, and can re-direct other waste if needed to accomodate Perry County waste
15. Dauphin County, except Highspire Borough and Swatara Township; Berks, Cumberland, Lancaster, Mifflin/Juniata, Montgomery, Northumberland, Perry and Schuylkill
16. Lancaster County WTE
17. LCSWMA could offer technical support in developing a county wide recycling program. LCSWMA aids Lancaster municipalities in their recycling program development. This involves writing contract specifications for curbside collection programs, purchasing recyclable program material, and educating Lancaster County residents. LCSWMA also operates a permanent Household Hazardous Waste Facility. LCSWMA markets the materials received to certified recyclers for proper disposal. This information can be passed onto Perry County.
18. Lancaster County Municipal Solid Waste. Approved facility for Berks, Chester, Cumberland, Dauphin, Mifflin/Juniata and Montgomery
19. SRMC

Table 2

Table 2

Perry County Solicitation of Interest Process - Review of Submittal Forms
Response to Interest Letter for Waste Disposal Capacity and Integrated Waste and Recycling Services Support
Max. Tipping Fees at Disposal Sites Submitted by Respondent

Municipal Solid Waste

| | Clinton County Landfill ¹ | WM - Laurel Highlands Landfill | WM - Mountain View Reclamation Landfill | Cumberland Landfill ¹ | SRMC WTE - Lancaster County ⁸ | Lancaster County WTE | WM - Camp Hill Transfer Station | Mifflin County SWA Transfer Station |
|----------------|--------------------------------------|--------------------------------|---|----------------------------------|--|----------------------|---------------------------------|-------------------------------------|
| | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton |
| Year 1 - 2015 | \$50.00 | \$65.00 | \$65.00 | \$52.00 | \$80.00 | \$73.00 | N/A | N/A |
| Year 2 - 2016 | \$51.50 | \$66.50 | \$66.50 | \$53.56 | \$80.00 | \$73.00 | N/A | N/A |
| Year 3 - 2017 | \$53.05 | \$68.00 | \$68.00 | \$55.17 | \$80.00 | \$73.00 | N/A | N/A |
| Year 4 - 2018 | \$54.64 | \$69.50 | \$69.50 | \$56.83 | \$80.00 | \$73.00 | N/A | N/A |
| Year 5 - 2019 | \$56.28 | \$71.00 | \$71.00 | \$58.53 | \$80.00 | \$73.00 | N/A | N/A |
| Year 6 - 2020 | \$57.96 | \$72.50 | \$72.50 | \$60.29 | \$80.00 | \$73.00 | N/A | N/A |
| Year 7 - 2021 | \$59.70 | \$74.00 | \$74.00 | \$62.10 | \$80.00 | \$73.00 | N/A | N/A |
| Year 8 - 2022 | \$61.49 | \$75.75 | \$75.75 | \$63.96 | \$80.00 | \$73.00 | N/A | N/A |
| Year 9 - 2023 | \$63.34 | \$77.00 | \$77.00 | \$65.88 | \$80.00 | \$73.00 | N/A | N/A |
| Year 10 - 2024 | \$65.24 | \$78.50 | \$78.50 | \$67.86 | \$80.00 | \$73.00 | N/A | N/A |
| Year 11 - 2025 | \$67.20 | \$80.00 | \$80.00 | \$69.90 | \$80.00 | \$73.00 | N/A | N/A |

Construction and Demolition Waste

| | Clinton County Landfill ¹ | WM - Laurel Highlands Landfill | WM - Mountain View Reclamation Landfill | Cumberland Landfill ¹ | SRMC WTE - Lancaster County ⁸ | Lancaster County WTE | WM - Camp Hill Transfer Station | Mifflin County SWA Transfer Station |
|----------------|--------------------------------------|--------------------------------|---|----------------------------------|--|----------------------|---------------------------------|-------------------------------------|
| | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton |
| Year 1 - 2015 | \$50.00 | \$71.00 | \$71.00 | \$52.00 | \$60.00 | N/A | N/A | N/A |
| Year 2 - 2016 | \$51.50 | \$72.50 | \$72.50 | \$53.56 | \$60.00 | N/A | N/A | N/A |
| Year 3 - 2017 | \$53.05 | \$74.00 | \$74.00 | \$55.17 | \$60.00 | N/A | N/A | N/A |
| Year 4 - 2018 | \$54.64 | \$75.50 | \$75.50 | \$56.83 | \$60.00 | N/A | N/A | N/A |
| Year 5 - 2019 | \$56.28 | \$77.00 | \$77.00 | \$58.53 | \$60.00 | N/A | N/A | N/A |
| Year 6 - 2020 | \$57.96 | \$78.50 | \$78.50 | \$60.29 | \$60.00 | N/A | N/A | N/A |
| Year 7 - 2021 | \$59.70 | \$80.00 | \$80.00 | \$62.10 | \$60.00 | N/A | N/A | N/A |
| Year 8 - 2022 | \$61.49 | \$81.50 | \$81.50 | \$63.96 | \$60.00 | N/A | N/A | N/A |
| Year 9 - 2023 | \$63.34 | \$83.00 | \$83.00 | \$65.88 | \$60.00 | N/A | N/A | N/A |
| Year 10 - 2024 | \$65.24 | \$84.50 | \$84.50 | \$67.86 | \$60.00 | N/A | N/A | N/A |
| Year 11 - 2025 | \$67.20 | \$86.00 | \$86.00 | \$69.90 | \$60.00 | N/A | N/A | N/A |

Sewage Sludge

| | Clinton County Landfill ^{1,2} | WM - Laurel Highlands Landfill | WM - Mountain View Reclamation Landfill | Cumberland Landfill ¹ | SRMC WTE - Lancaster County | Lancaster County WTE | WM - Camp Hill Transfer Station | Mifflin County SWA Transfer Station |
|----------------|--|--------------------------------|---|----------------------------------|-----------------------------|----------------------|---------------------------------|-------------------------------------|
| | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton |
| Year 1 - 2015 | \$50.00 | \$65.00 | \$65.00 | \$52.00 | N/A | N/A | N/A | N/A |
| Year 2 - 2016 | \$51.50 | \$66.50 | \$66.50 | \$53.56 | N/A | N/A | N/A | N/A |
| Year 3 - 2017 | \$53.05 | \$68.00 | \$68.00 | \$55.17 | N/A | N/A | N/A | N/A |
| Year 4 - 2018 | \$54.64 | \$69.50 | \$69.50 | \$56.83 | N/A | N/A | N/A | N/A |
| Year 5 - 2019 | \$56.28 | \$71.00 | \$71.00 | \$58.53 | N/A | N/A | N/A | N/A |
| Year 6 - 2020 | \$57.96 | \$72.50 | \$72.50 | \$60.29 | N/A | N/A | N/A | N/A |
| Year 7 - 2021 | \$59.70 | \$74.00 | \$74.00 | \$62.10 | N/A | N/A | N/A | N/A |
| Year 8 - 2022 | \$61.49 | \$75.75 | \$75.75 | \$63.96 | N/A | N/A | N/A | N/A |
| Year 9 - 2023 | \$63.34 | \$77.00 | \$77.00 | \$65.88 | N/A | N/A | N/A | N/A |
| Year 10 - 2024 | \$65.24 | \$78.50 | \$78.50 | \$67.86 | N/A | N/A | N/A | N/A |
| Year 11 - 2025 | \$67.20 | \$80.00 | \$80.00 | \$69.90 | N/A | N/A | N/A | N/A |

Table 2 - cont.
Perry County Solicitation of Interest Process - Review of Submittal Forms
Response to Interest Letter for Waste Disposal Capacity and Integrated Waste and Recycling Services Support
Tipping Fees by Proposer

ICW

| | Clinton County Landfill ¹ | WM - Laurel Highlands Landfill | WM - Mountain View Reclamation Landfill | Cumberland Landfill ¹ | SRMC WTE - Lancaster County | Lancaster County WTE | WM - Camp Hill Transfer Station | Mifflin County SWA Transfer Station |
|----------------|--------------------------------------|--------------------------------|---|----------------------------------|-----------------------------|----------------------|---------------------------------|-------------------------------------|
| | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton |
| Year 1 - 2015 | \$50.00 | \$65.00 | \$65.00 | \$52.00 | N/A | N/A | N/A | N/A |
| Year 2 - 2016 | \$51.50 | \$66.50 | \$66.50 | \$53.56 | N/A | N/A | N/A | N/A |
| Year 3 - 2017 | \$53.05 | \$68.00 | \$68.00 | \$55.17 | N/A | N/A | N/A | N/A |
| Year 4 - 2018 | \$54.64 | \$69.50 | \$69.50 | \$56.83 | N/A | N/A | N/A | N/A |
| Year 5 - 2019 | \$56.28 | \$71.00 | \$71.00 | \$58.53 | N/A | N/A | N/A | N/A |
| Year 6 - 2020 | \$57.96 | \$72.50 | \$72.50 | \$60.29 | N/A | N/A | N/A | N/A |
| Year 7 - 2021 | \$59.70 | \$74.00 | \$74.00 | \$62.10 | N/A | N/A | N/A | N/A |
| Year 8 - 2022 | \$61.49 | \$75.75 | \$75.75 | \$63.96 | N/A | N/A | N/A | N/A |
| Year 9 - 2023 | \$63.34 | \$77.00 | \$77.00 | \$65.88 | N/A | N/A | N/A | N/A |
| Year 10 - 2024 | \$65.24 | \$78.50 | \$78.50 | \$67.86 | N/A | N/A | N/A | N/A |
| Year 11 - 2025 | \$67.20 | \$80.00 | \$80.00 | \$69.90 | N/A | N/A | N/A | N/A |

Bulky Waste

| | Clinton County Landfill ³ | WM - Laurel Highlands Landfill ⁵ | WM - Mountain View Reclamation Landfill ⁶ | Cumberland Landfill ⁷ | SRMC WTE - Lancaster County | Lancaster County WTE | WM - Camp Hill Transfer Station | Mifflin County SWA Transfer Station |
|----------------|--------------------------------------|---|--|----------------------------------|-----------------------------|----------------------|---------------------------------|-------------------------------------|
| | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton |
| Year 1 - 2015 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 2 - 2016 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 3 - 2017 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 4 - 2018 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 5 - 2019 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 6 - 2020 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 7 - 2021 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 8 - 2022 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 9 - 2023 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 10 - 2024 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 11 - 2025 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

Asbestos/Contaminated Waste

| | Clinton County Landfill ¹ | WM - Laurel Highlands Landfill | WM - Mountain View Reclamation Landfill | Cumberland Landfill | SRMC WTE - Lancaster County | Lancaster County WTE | WM - Camp Hill Transfer Station | Mifflin County SWA Transfer Station |
|----------------|--------------------------------------|--------------------------------|---|---------------------|-----------------------------|----------------------|---------------------------------|-------------------------------------|
| | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton |
| Year 1 - 2015 | \$60.00 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 2 - 2016 | \$61.80 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 3 - 2017 | \$63.65 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 4 - 2018 | \$65.56 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 5 - 2019 | \$67.53 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 6 - 2020 | \$69.56 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 7 - 2021 | \$71.64 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 8 - 2022 | \$73.79 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 9 - 2023 | \$76.01 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 10 - 2024 | \$78.29 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 11 - 2025 | \$80.64 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

Table 2 - cont.
Perry County Solicitation of Interest Process - Review of Submittal Forms
Response to Interest Letter for Waste Disposal Capacity and Integrated Waste and Recycling Services Support
Tipping Fees by Proposer

Residual

| | Clinton County Landfill ⁴ | WM - Laurel Highlands Landfill | WM - Mountain View Reclamation Landfill | Cumberland Landfill ¹ | SRMC WTE - Lancaster County ^{8,9} | Lancaster County WTE | WM - Camp Hill Transfer Station | Mifflin County SWA Transfer Station |
|----------------|--------------------------------------|--------------------------------|---|----------------------------------|--|----------------------|---------------------------------|-------------------------------------|
| | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton |
| Year 1 - 2015 | N/A | \$65.00 | \$65.00 | \$52.00 | \$140.00 | N/A | N/A | N/A |
| Year 2 - 2016 | N/A | \$66.50 | \$66.50 | \$53.56 | \$140.00 | N/A | N/A | N/A |
| Year 3 - 2017 | N/A | \$68.00 | \$68.00 | \$55.17 | \$140.00 | N/A | N/A | N/A |
| Year 4 - 2018 | N/A | \$69.50 | \$69.50 | \$56.83 | \$140.00 | N/A | N/A | N/A |
| Year 5 - 2019 | N/A | \$71.00 | \$71.00 | \$58.53 | \$140.00 | N/A | N/A | N/A |
| Year 6 - 2020 | N/A | \$72.50 | \$72.50 | \$60.29 | \$140.00 | N/A | N/A | N/A |
| Year 7 - 2021 | N/A | \$74.00 | \$74.00 | \$62.10 | \$140.00 | N/A | N/A | N/A |
| Year 8 - 2022 | N/A | \$75.75 | \$75.75 | \$63.96 | \$140.00 | N/A | N/A | N/A |
| Year 9 - 2023 | N/A | \$77.00 | \$77.00 | \$65.88 | \$140.00 | N/A | N/A | N/A |
| Year 10 - 2024 | N/A | \$78.50 | \$78.50 | \$67.86 | \$140.00 | N/A | N/A | N/A |
| Year 11 - 2025 | N/A | \$80.00 | \$80.00 | \$69.90 | \$140.00 | N/A | N/A | N/A |

Contaminated Soil

| | Clinton County Landfill ¹ | WM - Laurel Highlands Landfill | WM - Mountain View Reclamation Landfill | Cumberland Landfill | SRMC WTE - Lancaster County | Lancaster County WTE | WM - Camp Hill Transfer Station | Mifflin County SWA Transfer Station |
|----------------|--------------------------------------|--------------------------------|---|---------------------|-----------------------------|----------------------|---------------------------------|-------------------------------------|
| | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton | \$/Ton |
| Year 1 - 2015 | \$50.00 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 2 - 2016 | \$51.50 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 3 - 2017 | \$53.05 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 4 - 2018 | \$54.64 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 5 - 2019 | \$56.28 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 6 - 2020 | \$57.96 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 7 - 2021 | \$59.70 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 8 - 2022 | \$61.49 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 9 - 2023 | \$63.34 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 10 - 2024 | \$65.24 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Year 11 - 2025 | \$67.20 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

N/A: Proposer did not submit prices for this waste type; this waste type will not be processed at the facility.

1: Annual escalation rate of 3%

2: If waste is in liquid form, requiring an additional solidification process, the disposal cost would not exceed \$100.00/ton

3: Non-hazardous bulky waste may be accepted at this facility at a rate of 25 TPD

4: Non-hazardous residual waste, meeting the requirements as defined in Form R of their Solid Waste Disposal Permit, may be accepted at this facility at a rate of 20 TPD

5: Bulky waste will be accepted at this facility at a rate of 3,000 TPY; unusually bulky waste will be considered on a case-by-case basis

6: Bulky waste will be accepted at this facility at a rate of 10 TPD

7: Bulky waste will be accepted at this facility at a rate of 100 TPY; No white goods, refrigerators, freezers, Freon containing products, or electronics will be accepted.

8: Annual escalation rate based on CPI

9: Residual waste will be accepted at this facility at a rate of 5,000 TPY

Table 3

**TABLE 3 – INTEREST LETTER BACK-UP DISPOSAL FACILITIES
FOR WASTE DISPOSAL CAPACITY – PERRY COUNTY**

| | Disposal Facility (Respondent) | Proposed Back-Up Facility | Back-Up Facility Address |
|---|---|---|--|
| 1 | Waste Management Mountain View Reclamation Landfill | Laurel Highlands Landfill | 260 Laurel Ridge Road Johnstown, PA |
| 2 | Waste Management Laurel Highlands Landfill | Mountain View Reclamation Landfill Southern Alleghenies Landfill Evergreen Landfill | 9446 Letzburg Road Greencastle, PA 843 Miller Picking Road Davidsville, PA 1310 Luciusboro Road Blairsville, PA |
| 3 | Clinton County Solid Waste Authority | Lycoming County Landfill | 447 Alexander Drive Montgomery, PA |
| 4 | Cumberland County Landfill | Other Advanced Disposal Facilities | Varies |
| 5 | Susquehanna Resource Management Complex (SRMC) | Lancaster Waste-to- Energy (WTE) | 1911 River Road Bainbridge, PA 17502 |
| 6 | Lancaster Waste-to- Energy (WTE) | Susquehanna Resource Management Complex (SRMC) | 1670 South 19 th Street Harrisburg, PA 17104 |

Recommendations Memo

MEMORANDUM

TO: Perry County SWAC Committee Members
Perry County Commissioners
Perry County Solicitor

FROM: Ashley N. Duncan, EIT
Engineer III
Barton & Loguidice, D.P.C.

DATE: March 4, 2015

RE: Perry County Municipal Waste Management Plan – 2015 Update
Solicitation of Interest for Municipal Waste Processing/ Disposal Capacity
Interest Letter Submissions, B&L Tabulations and Recommendations, Final 3-4-
2015 SWAC Review, and Selection of Tentatively Designated Transfer and
Disposal Facilities for County Contracting

An Interest Letter document was prepared by Barton & Loguidice (B&L), under contract with Perry County, seeking submissions from waste processing/ disposal facilities that meet minimum requirements and are willing to commit up to ten years of processing/ disposal capacity for acceptance of Perry County's municipal waste, as required by the PA Act 101 County Municipal Waste Planning Process. This document also solicited optional "free" public-service disposal capacity for illegal dump cleanups and similar activities, and asked Respondents to indicate their willingness to enter further discussions, outside of the interest letter process, regarding possible support for integrated waste management and recycling programs in Perry County. The Interest Letter contained minimum criteria under which Submittals were reviewed in a "pass-fail" screening process, in which items such as minimum quantity and duration guarantees for disposal capacity assurance and other items were evaluated for compliance with the requirements of the Interest Letter. Any facility that "passed" the screening process became eligible for further consideration by Perry County, at the County's option, to enter a disposal contract with the County to provide processing/ disposal services, to assist the County in meeting an Act 101 requirement by assuring minimum required disposal capacity of Perry County-generated





municipal waste. This requirement will be secured at either one or multiple facilities between July 2015 and June 2025.

Transfer stations handling municipal waste from Perry County were also asked in the Interest Letter to make a simplified response, committing to proper identification of transferred municipal waste by original county of origin of the waste, agreeing to deliver municipal waste to approved processing/ disposal facilities in the County Plan, and agreeing to enter a contract with Perry County to confirm these points.

The above-referenced Interest Letter document was prepared and distributed to three (3) of the larger receivers of Perry County waste over the past five (5) years: Mountain View Reclamation Landfill, Cumberland County Landfill and the SRMC (formerly Harrisburg WTE). In addition, the Interest Letter was mailed to the Mifflin County Transfer Station, a known recipient of Perry County waste. It was not required to publicly advertise the Interest Letter, as the Plan Update allows waste generated in Perry County to be taken to any duly licensed waste disposal facility.

The Submittal due date was January 23, 2015. A total of six (6) disposal facilities and two (2) transfer stations submitted responses to the SOI.

REVIEW OF SUBMITTALS AND COMPLETENESS

A review and initial evaluation of submissions was conducted by B&L. Submission information was tabulated in multiple tables, which are attached. Table 1 contains a summary of Submittal information and completeness details from each of the landfills and transfer stations that responded to the SOI. Table 1 also contains footnotes that clarify Respondents' positions on certain items. Table 2 contains ceiling tip fees that each disposal facility has committed to offer for disposal of Perry County municipal waste over the next ten (10) years. (Note that these ceiling tip fees do not necessarily reflect the rates that will actually be charged at the facility, just the maximum fees that could be charged by contract each year, over the agreement period). These ceiling tipping fees also do not include the transportation costs for delivery of material to the facilities, which will usually be higher for facilities located further from Perry County. Table 3 presents a list of the proposed backup/ bypass processing/ disposal facilities that each of the six (6) Respondents indicated it will use if needed to meet contractual commitments with Perry County during emergencies.



Table 1 summarizes the Submittal information received from Respondents. There were no deficiencies in the Submittals.

ELIGIBILITY FOR CONSIDERATION FOR A CONTRACT WITH PERRY COUNTY

The two (2) transfer stations that responded to the Interest Letter all signed and returned the draft Transfer Station Agreement that was a part of the Interest Letter, which documents their conformance to the Plan Update process and their commitment to follow the requirements of the Interest Letter for transfer stations. Additionally, the SWAC determined that an Interest Letter with a Draft Transfer Station Disposal Capacity Agreement must be sent to Diller's Transfer Station, located in Mechanicsburg, Pennsylvania, because of their proximity to Perry County and their likeliness of accepting waste from Perry County. A response was received by Diller's Transfer Station on March 4, 2015.

Each of the six (6) disposal facility submissions met the minimum requirements of the Interest Letter, and each of these sites is eligible for potential inclusion in the Plan Update.

B&L structured the Interest Letter, as directed by the County Commissioners' Office, such that 1) as few as one disposal site may be placed under contract with Perry County (to meet the PADEP disposal capacity assurance requirement in Act 101), while 2) the Plan Update may be structured to allow municipal waste from the County to be delivered to the contracted site(s) or to any processing/ disposal site with a valid operating permit issued by the state in which the facility is located. Perry County retains, within the wording in the Interest Letter, the flexibility of contracting with one or with multiple disposal sites to secure the required MSW disposal capacity for ten (10) years by Perry County. Further, the intent of the SOI is to contract with all transfer stations that handle Perry County MSW and that conform to the requirements of the Interest Letter.

TRANSFER STATION AND DISPOSAL SITE SELECTION RECOMMENDATIONS

B&L explained the intent of the Commissioners' Office regarding the structure of the Interest Letter, and reviewed the responses to the Interest Letter from waste transfer stations and disposal facilities with the SWAC at a meeting on February 18, 2015. The SWAC discussed the pros and



cons of each disposal site and transfer station proposal in detail, as well as the benefits of contracting with just one or with multiple disposal sites.

Both Transfer Station Respondents and Diller's Transfer Station acknowledged their willingness to conform to the requirements of the Interest Letter. Further, compliance of transfer stations with the Plan Update goals and objectives benefits the County and aids with Plan implementation. Therefore, B&L recommended that these transfer stations be included as contractual partners of the County in the Plan Update, and that the three (3) Transfer Station Agreements be executed with the County. These transfer stations include: the Waste Management of Pennsylvania, Inc. D/B/A Camp Hill Transfer Station, the Mifflin County Solid Waste Authority Transfer Station, and Advanced Disposal's Diller Transfer Station. The SWAC unanimously endorsed this recommendation.

As noted above, the Interest Letter allows the flexibility for the County to contract with one or with multiple disposal sites. Due to some details of the Submittals received, the SWAC believes there is strong justification for recommending that Perry County contract with more than one disposal site:

- Nearly all disposal facilities have indicated their willingness to voluntarily donate or discuss donating free dump cleanup disposal capacity to Perry County agencies and organizations on an annual basis (as listed in Table 1). Contracts with multiple disposal sites will secure multiple donation commitments. Also, it shall be noted that other PA Counties have noted that WM offers free roll-offs to PA Cleanways for dump cleanups and this shall be considered and discussed in Perry County.
- It is important to recognize disposal sites that are currently used by Perry County's waste haulers. As documented in Table 3.1 of Chapter 3, the large majority of Perry County's MSW (approximately 99%) that was disposed between 2009 and 2013 was taken to the Harrisburg WTE (now known as SRMC), the Cumberland County Landfill and the Mountain View Reclamation Landfill, which all responded to the Interest Letter.
- The lack of Infectious and Chemotherapeutic Waste (ICW) disposal capabilities (a Special Handling type of MSW) by Waste Management's Mountain View Reclamation Landfill that is a current recipient of a substantial quantity of Perry County's MSW suggests that multiple disposal site contracts are warranted. See Table 1 of this memorandum.



- Tipping fees reported in Table 2 of this memorandum, although acknowledged to be “ceiling” rates, are variable, and suggest that a Respondent(s) with the most attractive ceiling tip fees should be included in the contracted disposal sites.
- The geographic distribution of Respondents was a consideration of the SWAC, acknowledging that proximity of disposal sites to various areas of the County’s residents is important, due to the potential impact of hauling costs on the County’s citizens and businesses.
- Multiple sites expressed a voluntary willingness in further discussing and potentially offering integrated waste and recyclables services and/ or program support in Perry County.

After much discussion, it became clear that contracting with a limited number of multiple disposal sites, taking various factors into consideration, would best serve Perry County’s needs. The SWAC unanimously recommends the Perry County Commissioners enter waste disposal capacity agreements with six (6) selected disposal facilities to provide disposal capacity to satisfy Perry County’s needs for the next ten (10) year planning period:

- Clinton County Landfill (willing to donate 50 TPY of free space for illegal dump cleanups; this site currently accepts waste from the Mifflin County Transfer Station, a known receiver of Perry County waste) – Lycoming County Landfill is the backup site for this facility.
- Laurel Highlands Landfill (a Waste Management facility willing to donate 100 TPY of free space for illegal dump cleanups; accepts bulky waste and residual waste, including a small amount of Marcellus Shale residuals) – WM’s Southern Alleghenies, Mountain View Reclamation and Evergreen Landfills are the backup sites for this facility.
- Mountain View Reclamation Landfill (a Waste Management facility willing to donate 0.05% of waste received from Perry County annually in free space for illegal dump cleanups; accepts bulky waste and residual waste, has not accepted Marcellus Shale residuals over the past three years; does not accept ICW waste) – WM’s Laurel Highlands Landfill is the backup site for this facility.
- Cumberland County Landfill (willing to donate 100 TPY of free space for illegal dump cleanups and consider further events on a case by case basis; accepts limited bulky waste items; accepts residual wastes, including Marcellus Shale residuals) – Other Advanced



Disposal Services facilities (not specifically specified) are listed as the backup sites for this facility.

- Susquehanna Resource Management Complex (SRMC) (a Lancaster County facility that does not accept ICW waste; no donation for illegal dump cleanups was provided; relatively high tipping fees; accepted a significant amount of Perry County waste over the past five years) – The Lancaster WTE is the backup site for this facility.
- Lancaster WTE (a Lancaster County facility that does not accept C&D, sewage sludge or ICW; no donation for illegal dump cleanups was provided; residual waste is accepted at this facility, but Marcellus Shale residuals are not accepted at this facility; relatively high tipping fees) – SRMC is the backup facility for this site.

It is recommended that Perry County execute Disposal Capacity Agreements with the six (6) recommended disposal facilities and the three (3) recommended waste transfer stations no later than July 31, 2015. It is recommended that Perry County discuss the donated capacity for illegal dump cleanups from the Mountain View Reclamation Landfill with Waste Management. Based on 2013 tonnages to Mountain View Reclamation, 0.05% donated capacity is equivalent to less than 1 ton of donated capacity. It is recommended that Perry County re-negotiate this percentage to a minimum of 0.5% or 100 TPY, equivalent to their donation from the Laurel Highlands Facility.

There is no need to include a procedure to add facilities to the Plan Update (after its adoption), since haulers in Perry County are able to deliver waste to any duly licensed waste disposal facility, in addition to the facilities listed in the Plan Update. If the need to add facilities were to arise, the Perry County Commissioners retain the sole option of whether to entertain an application for inclusion in the Perry County Plan Update, based on the needs of the County at that time.

Each of the six (6) recommended disposal sites responded positively regarding their willingness to further discuss possible forms of support for the sustainability of integrated waste and recycling programs in Perry County. It is recommended that these discussions be pursued by the County, outside of this contracting process, at least with the disposal facilities and transfer stations that Perry County chooses to enter contracts.

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Re-TRAC™ REPORTS

Southcentral Region, State of Pennsylvania

| | |
|---|----------------------|
| Date generated: | Aug 20, 2014 10:04AM |
| Single-year analyses selected for: | 2013 |
| Historical analyses selected for years: | 2003 - 2013 |
| Number of report pieces selected: | 2 |
| Number of modules selected: | 7 |
| Number of zones selected: | 31 |

Zones (31):

- | | | |
|------------------------------|------------------------------|-----------------------|
| - Blain Borough | - Bloomfield Borough | - Buffalo Township |
| - Carroll Township | - Centre Township | - County-wide Data |
| - Duncannon Borough | - Greenwood Township | - Howe Township |
| - Jackson Township | - Juniata Township | - Landisburg Borough |
| - Liverpool Borough | - Liverpool Township | - Marysville Borough |
| - Miller Township | - Millerstown Borough | - New Buffalo Borough |
| - Newport Borough | - Northeast Madison Township | - Oliver Township |
| - Penn Township | - Rye Township | - Saville Township |
| - Southwest Madison Township | - Spring Township | - Toboyne Township |
| - Tuscarora Township | - Tyrone Township | - Watts Township |
| - Wheatfield Township | | |

Modules (7):

- | | | |
|---------------------------|---|------------------------|
| - Residential Recycling | - Residential Household Hazardous Waste | - Residential Organics |
| - Residential Solid Waste | - Commercial Recycling | - Commercial Organics |
| - Commercial Solid Waste | | |

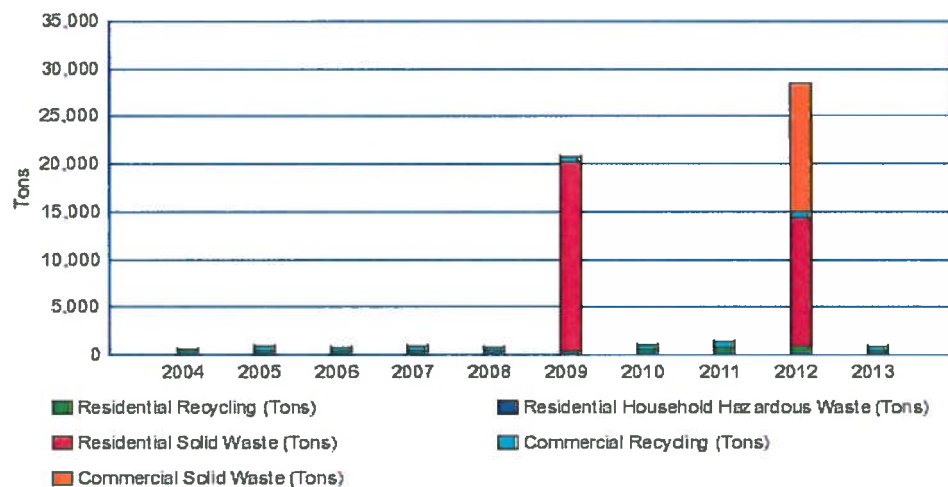
Note: All tonnage totals shown in this report include the weights from all selected module unless otherwise stated.

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| Year | Residential Recycling (Tons) | Residential Household Hazardous Waste (Tons) | Residential Solid Waste (Tons) | Commercial Recycling (Tons) | Commercial Solid Waste (Tons) | TOTAL (Tons) |
|------|------------------------------|--|--------------------------------|-----------------------------|-------------------------------|--------------|
| 2004 | 451.6 | | | | | 451.6 |
| 2005 | 295.8 | 28.0 | | | 484.6 | 808.4 |
| 2006 | 296.8 | | | | 434.9 | 731.7 |
| 2007 | 273.6 | 27.8 | | | 456.0 | 757.4 |
| 2008 | 318.3 | 1.0 | | | 398.8 | 718.1 |
| 2009 | 279.7 | 23.0 | 19,915.4 | | 438.3 | 20,656.4 |
| 2010 | 534.5 | 9.0 | | | 532.5 | 1,076.0 |
| 2011 | 687.7 | 20.7 | | | 592.4 | 1,300.8 |
| 2012 | 780.8 | 27.1 | 13,529.0 | | 653.1 | 28,519.0 |
| 2013 | 287.9 | | | | 498.7 | 786.7 |

Table 1.2 - Individual Material Tonnage by Year, Residential Recycling, 2009 to 2013

| Materials | 2009 (Tons) | 2010 (Tons) | 2011 (Tons) | 2012 (Tons) | 2013 (Tons) |
|---------------|-------------|-------------|-------------|-------------|-------------|
| Single Stream | | | | | |

| | 2009 | 2010 | 2011 | 2012 | 2013 |
|---------------------------------------|--------------|--------------|--------------|--------------|--------------|
| Single Stream (SS1) | | | 298.9 | 210.3 | 206.0 |
| Commingled | | | | | |
| Commingled Materials (XXX) | | | | 86.5 | 67.9 |
| Paper | | | | | |
| Cardboard (C01) | 96.8 | 159.6 | 115.8 | 172.7 | 4.3 |
| Magazines (PA1) | 15.2 | 32.1 | 10.3 | 11.2 | |
| Mixed Papers (PA3) | 28.4 | 28.2 | 44.3 | 38.3 | |
| Newsprint (PA2) | 70.2 | 141.5 | 108.9 | 115.2 | |
| Office Papers (PA4) | 1.5 | 2.5 | 1.8 | 4.1 | 9.8 |
| TOTAL PAPER | 212.1 | 363.8 | 281.1 | 341.5 | 14.1 |
| Metals | | | | | |
| Aluminum Cans (AA1) | 7.7 | 19.5 | 16.8 | 8.2 | |
| Steel and Bimetallic (tin) cans (F02) | 18.0 | 34.8 | 30.9 | 29.4 | |
| White Goods (F03) | | | 2.1 | | |
| TOTAL METALS | 25.7 | 54.3 | 49.8 | 37.6 | 0.0 |
| Glass | | | | | |
| Clear Glass (GL1) | | 13.8 | 10.7 | 20.4 | |
| Mixed Glass (GL2) | | 13.8 | 10.7 | 20.1 | |
| TOTAL GLASS | 0.0 | 27.6 | 21.4 | 40.6 | 0.0 |
| Plastics | | | | | |
| #1 Plastic (PET) (PL1) | 19.7 | 41.2 | 5.0 | 7.4 | |
| #2 Plastic (HDPE) (PL2) | 22.2 | 25.3 | 7.5 | 9.2 | |
| Mixed Plastic (PL7) | | | | 36.1 | |
| Other Plastic (PL9) | | | 0.3 | | |
| TOTAL PLASTICS | 41.9 | 66.5 | 12.8 | 52.6 | 0.0 |
| Other | | | | | |
| Rubber Tires (MO1) | | 22.3 | 23.7 | 11.9 | |
| TOTAL TONNAGE | 279.7 | 534.5 | 687.7 | 780.8 | 287.9 |

Table 1.3 - Individual Material Tonnage by Year, Residential Household Hazardous Waste, 2009 to 2013

| Materials | 2009 (Tons) | 2010 (Tons) | 2011 (Tons) | 2012 (Tons) | 2013 (Tons) |
|--|----------------|----------------|----------------|----------------|----------------|
| Household Hazardous Waste | | | | | |
| Antifreeze (O02) | 0.0 | | | | |
| Batteries: Lead Acid (B01) | 0.2 | 4.7 | | | |
| Batteries: Other Household Batteries (B02) | 0.0 | | | | |
| Computer Systems (CB1) | | 4.3 | 8.2 | | |
| Consumer electronics (CR1) | 22.5 | | 12.5 | 27.1 | |
| Fluorescent Tubes & CFLs (FL1) | | | 0.0 | | |
| Other: paints, varnishes, pesticides, etc. (HHW) | 0.3 | | | | |
| Used Oil (OL2) | 0.0 | | | | |
| TOTAL TONNAGE | 23.0 | 9.0 | 20.7 | 27.1 | 0.0 |

Table 1.4 - Individual Material Tonnage by Year, Residential Solid Waste, 2009 to 2013

| Materials | 2009 (Tons) | 2010 (Tons) | 2011 (Tons) | 2012 (Tons) | 2013 (Tons) |
|-----------|----------------|----------------|----------------|----------------|----------------|
|-----------|----------------|----------------|----------------|----------------|----------------|

| | | |
|--------------------|----------|----------|
| Solid Waste | | |
| Refuse (MT1) | 19,915.4 | 13,529.0 |

Table 1.5 - Individual Material Tonnage by Year, Commercial Recycling, 2009 to 2013

| Materials | 2009 (Tons) | 2010 (Tons) | 2011 (Tons) | 2012 (Tons) | 2013 (Tons) |
|---------------------------------------|----------------|----------------|----------------|----------------|----------------|
| Single Stream | | | | | |
| Single Stream (SS1) | | | 6.5 | | 18.2 |
| Paper | | | | | |
| Cardboard (C01) | 427.7 | 491.9 | 573.5 | 566.5 | 409.7 |
| Magazines (PA1) | | 1.6 | | | |
| Mixed Papers (PA3) | | | 0.4 | 1.6 | |
| Newsprint (PA2) | | 6.2 | | 13.6 | |
| Office Papers (PA4) | | 2.5 | | 59.1 | 59.4 |
| TOTAL PAPER | 427.7 | 502.2 | 573.9 | 640.8 | 469.1 |
| Metals | | | | | |
| Aluminum Cans (AA1) | | 0.8 | | | |
| Steel and Bimetallic (tin) cans (F02) | | 4.7 | | | |
| TOTAL METALS | 0.0 | 5.5 | 0.0 | 0.0 | 0.0 |
| Glass | | | | | |
| Clear Glass (GL1) | | 5.9 | | | |
| Mixed Glass (GL2) | | 5.9 | | | |
| TOTAL GLASS | 0.0 | 11.8 | 0.0 | 0.0 | 0.0 |
| Plastics | | | | | |
| #1 Plastic (PET) (PL1) | | 1.7 | | | |
| #2 Plastic (HDPE) (PL2) | | 1.0 | | | 4.1 |
| #4 Plastic (LDPE) (PL4) | | | | | 7.4 |
| Other Plastic (PL9) | 10.6 | 10.3 | 12.0 | 12.3 | |
| TOTAL PLASTICS | 10.6 | 13.0 | 12.0 | 12.3 | 11.5 |
| TOTAL TONNAGE | 438.3 | 532.5 | 592.4 | 653.1 | 498.7 |

Table 1.6 - Individual Material Tonnage by Year, Commercial Solid Waste, 2009 to 2013

| Materials | 2009 (Tons) | 2010 (Tons) | 2011 (Tons) | 2012 (Tons) | 2013 (Tons) |
|--------------------|----------------|----------------|----------------|----------------|----------------|
| Solid Waste | | | | | |
| Refuse (MT1) | | | | 13,529.0 | |

Waste Destination Reports 2004-2013

Commonwealth of Pennsylvania
Department of Environmental Protection
Bureau of Waste Management
Division of Reporting and Fee Collection

County Waste Destinations
in Tons (2000 lbs.) of Waste

Note: This reports does not show waste shipped from Pennsylvania counties to out-of-state disposal facilities, nor does it show waste collected for recycling.

For Year: 2013

County : NORTHUMBERLAND

| Permit | Disposal Facility Receiving Waste | Waste Type: | Municipal | Residual | Sewage Sludge | Infectious | Contruction | Ash Residu | Asbestos | Total |
|----------------------|--------------------------------------|-------------|-----------------|----------------|------------------|------------|---------------|---------------|-------------|---------------|
| 100739 | WESTERN BERKS COMMUNITY LANDFILL | | 0 | 0 | 73.5 | 0 | 0 | 0 | 0 | 73.5 |
| 100945 | CUMBERLAND COUNTY LANDFILL | | 789.8 | 0 | 0 | 0 | 0 | 0 | 0 | 789.8 |
| 100955 | CLINTON COUNTY SWA WAYNE TOWNSHIP | | 60497.9 | 314.7 | 0 | 0 | 2107.3 | 0 | 18.5 | 62938.4 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | | 25534.6 | 13094.4 | 14077.8 | 0 | 1813.8 | 13.8 | 38 | 54572.4 |
| 101100 | MOUNTAIN VIEW RECLAMATION LANDFILL | | 12417.7 | 0 | 0 | 0 | 19.5 | 0 | 0 | 12437.2 |
| 101397 | ADVANCED DISPOSAL SERVICES GREENT | | 0 | 1.8 | 0 | 0 | 0 | 0 | 0 | 1.8 |
| 101615 | COMMONWEALTH ENVIRONMENTAL SYST | | 1396.7 | 203.1 | 0 | 0 | 669.3 | 0 | 0 | 2269.1 |
| 400592 | LCSWMA RESOURCE RECOVERY FACILITY | | 0 | 162.8 | 0 | 0 | 0 | 0 | 0 | 162.8 |
| Waste Totals: | | | 100636.7 | 13776.8 | 14151.3 | 0 | 4609.9 | 13.8 | 56.5 | 133245 |

County : PERRY

| Permit | Disposal Facility Receiving Waste | Waste Type: | Municipal | Residual | Sewage Sludge | Infectious | Contruction | Ash Residu | Asbestos | Total |
|----------------------|--------------------------------------|-------------|---------------|--------------|------------------|------------|---------------|---------------|----------|--------------|
| 100113 | MODERN LANDFILL | | 0 | 316.2 | 0 | 0 | 0 | 0 | 0 | 316.2 |
| 100758 | HARRISBURG MATERIALS ENERGY RECYC | | 1624.6 | 0.3 | 0 | 0 | 16.1 | 0 | 0 | 1641 |
| 100934 | IESI PA BLUE RIDGE LANDFILL CORP | | 102.3 | 0 | 0 | 0 | 22.3 | 0 | 0 | 124.6 |
| 100945 | CUMBERLAND COUNTY LANDFILL | | 6144.2 | 328.3 | 658.4 | 0 | 1373.2 | 0 | 0 | 8504.1 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | | 2 | 27.3 | 0 | 0 | 2.7 | 0 | 0 | 32 |
| 101100 | MOUNTAIN VIEW RECLAMATION LANDFILL | | 1568.1 | 0 | 0 | 0 | 58.1 | 0 | 0 | 1626.2 |
| 101389 | LCSWMA FREY FARM LANDFILL | | 0 | 17.8 | 0 | 0 | 0 | 0 | 0 | 17.8 |
| 101509 | CONNESTOGA LANDFILL | | 0 | 0 | 0 | 0 | 1.8 | 0 | 0 | 1.8 |
| 101538 | WSI SANDY RUN LANDFILL INC. | | 0 | 165.3 | 0 | 0 | 0 | 0 | 0 | 165.3 |
| Waste Totals: | | | 9441.2 | 855.2 | 658.4 | 0 | 1474.2 | 0 | 0 | 12429 |



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Commonwealth of Pennsylvania
Department of Environmental Protection
Bureau of Waste Management
Division of Reporting and Fee Collection

County Waste Destinations
in Tons (2000 lbs.) of Waste

Note: This reports does not show waste shipped from Pennsylvania counties to out-of-state disposal facilities, nor does it show waste collected for recycling.

For Year: 2012

County : NORTHUMBERLAND

| Permit | Disposal Facility Receiving Waste | Waste Type: | Municipal | Residual | Sewage Sludge | Infectious | Contruction | Ash Residu | Asbestos | Total |
|----------------------|--------------------------------------|-------------|----------------|----------------|------------------|------------|-------------|---------------|--------------|----------------|
| 100265 | GRAND CENTRAL SANITARY LANDFILL INC | | 32.9 | 0 | 0 | 0 | 0 | 0 | 0 | 32.9 |
| 100739 | WESTERN BERKS COMMUNITY LANDFILL | | 20.3 | 21.4 | 0 | 0 | 0 | 0 | 0 | 41.7 |
| 100758 | HARRISBURG MATERIALS ENERGY RECYC | | 5372.1 | 33 | 0 | 0 | 0 | 0 | 0 | 5405.1 |
| 100945 | CUMBERLAND COUNTY LANDFILL | | 1278.7 | 0 | 0 | 0 | 0 | 0 | 0 | 1278.7 |
| 100955 | CLINTON COUNTY SWA WAYNE TOWNSHIP | | 46 | 0 | 0 | 0 | 2096.2 | 0 | 2.4 | 2144.6 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | | 34205.9 | 15591.1 | 14489.7 | 0 | 1792.5 | 0 | 547.7 | 66626.9 |
| 101100 | MOUNTAIN VIEW RECLAMATION LANDFILL | | 6710 | 0 | 0 | 0 | 0 | 0 | 0 | 6710 |
| 101397 | ADVANCED DISPOSAL SERVICES GREENT | | 0 | 14.6 | 0 | 0 | 0 | 0 | 0 | 14.6 |
| 101615 | COMMONWEALTH ENVIRONMENTAL SYST | | 13933.7 | 313.6 | 0 | 0 | 903.3 | 0 | 0 | 15150.6 |
| 400592 | LCSWMA RESOURCE RECOVERY FACILITY | | 0 | 333.5 | 0 | 0 | 0 | 0 | 0 | 333.5 |
| Waste Totals: | | | 61599.6 | 16307.2 | 14489.7 | 0 | 4792 | 0 | 550.1 | 97738.6 |

County : PERRY

| Permit | Disposal Facility Receiving Waste | Waste Type: | Municipal | Residual | Sewage Sludge | Infectious | Contruction | Ash Residu | Asbestos | Total |
|----------------------|--------------------------------------|-------------|--------------|--------------|------------------|------------|---------------|---------------|-------------|--------------|
| 100113 | MODERN LANDFILL | | 0 | 303.9 | 0 | 0 | 0 | 0 | 0 | 303.9 |
| 100758 | HARRISBURG MATERIALS ENERGY RECYC | | 2660.6 | 0 | 0 | 0 | 23.8 | 0 | 0 | 2684.4 |
| 100934 | IESI PA BLUE RIDGE LANDFILL CORP | | 157.6 | 0 | 0 | 0 | 0 | 0 | 2.1 | 159.7 |
| 100945 | CUMBERLAND COUNTY LANDFILL | | 8975.5 | 83.5 | 526.4 | 0 | 4403.2 | 0 | 19.7 | 14008.3 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | | 40.5 | 60.2 | 0 | 0 | 0.6 | 0 | 0 | 101.3 |
| 101100 | MOUNTAIN VIEW RECLAMATION LANDFILL | | 1669.7 | 0 | 0 | 0 | 223.7 | 0 | 0 | 1893.4 |
| 101247 | KEYSTONE SANITARY LANDFILL | | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 101389 | LCSWMA FREY FARM LANDFILL | | 0 | 26.7 | 0 | 0 | 0 | 0 | 0 | 26.7 |
| 101397 | ADVANCED DISPOSAL SERVICES GREENT | | 24.1 | 24.5 | 0 | 0 | 0 | 0 | 0 | 48.6 |
| 101538 | SANDY RUN LANDFILL INC. | | 0 | 94.7 | 0 | 0 | 0 | 0 | 0 | 94.7 |
| Waste Totals: | | | 13529 | 593.5 | 526.4 | 0 | 4651.3 | 0 | 21.8 | 19322 |



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Commonwealth of Pennsylvania
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County Waste Destinations
in Tons (2000 lbs.) of Waste

Note: This reports does not show waste shipped from Pennsylvania counties to out-of-state disposal facilities, nor does it show waste collected for recycling.

For Year: 2011

County : NORTHUMBERLAND

| Permit | Disposal Facility Receiving Waste | Waste Type: Municipal | Residual | Sewage Sludge | Infectious | Contruction | Ash Residu | Asbestos | Total |
|----------------------|--------------------------------------|-----------------------|----------------|------------------|------------|-------------|---------------|--------------|---------------|
| 100020 | IESI PA BETHLEHEM LANDFILL CORP. | 0 | 0 | 0 | 0 | 4.2 | 0 | 0.1 | 4.3 |
| 100758 | HARRISBURG MATERIALS ENERGY RECYC | 9669.2 | 0 | 0 | 0 | 0 | 0 | 0 | 9669.2 |
| 100955 | CLINTON COUNTY SWA WAYNE TOWNSHIP | 14.6 | 0 | 0 | 0 | 219.3 | 0 | 2.3 | 236.2 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | 36328.5 | 14969.8 | 16069.1 | 0 | 4600.6 | 8.5 | 123 | 72099.5 |
| 101427 | PINE GROVE LANDFILL INC | 3169.7 | 90.5 | 26.6 | 0 | 73.7 | 0 | 0 | 3360.5 |
| 101615 | COMMONWEALTH ENVIRONMENTAL SYST | 18677.5 | 388.2 | 0 | 0 | 1156.2 | 0 | 0 | 20221.9 |
| 400592 | LCSWMA RESOURCE RECOVERY FACILITY | 0 | 614.4 | 0 | 0 | 0 | 0 | 0 | 614.4 |
| Waste Totals: | | 67859.5 | 16062.9 | 16095.7 | 0 | 6054 | 8.5 | 125.4 | 106206 |

County : PERRY

| Permit | Disposal Facility Receiving Waste | Waste Type: Municipal | Residual | Sewage Sludge | Infectious | Contruction | Ash Residu | Asbestos | Total |
|----------------------|--------------------------------------|-----------------------|------------|------------------|------------|---------------|---------------|------------|----------------|
| 100113 | MODERN LANDFILL | 0 | 345.3 | 0 | 0 | 7.8 | 0 | 0 | 353.1 |
| 100758 | HARRISBURG MATERIALS ENERGY RECYC | 4427.4 | 0 | 0 | 0 | 169.9 | 0 | 0 | 4597.3 |
| 100934 | IESI PA BLUE RIDGE LANDFILL CORP | 149.8 | 0 | 0 | 0 | 126.7 | 0 | 0 | 276.5 |
| 100945 | CUMBERLAND COUNTY LANDFILL | 9031.1 | 23.8 | 575.9 | 0 | 3409.7 | 0 | 5.8 | 13046.3 |
| 100955 | CLINTON COUNTY SWA WAYNE TOWNSHIP | 0 | 0 | 0 | 0 | 0 | 0 | 0.3 | 0.3 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | 2.2 | 0 | 0 | 0 | 0 | 0 | 0 | 2.2 |
| 101100 | MOUNTAIN VIEW RECLAMATION LANDFILL | 1485.7 | 0 | 0 | 0 | 177.7 | 0 | 0 | 1663.4 |
| 101389 | LCSWMA FREY FARM LANDFILL | 0 | 34 | 0 | 0 | 0 | 0 | 0 | 34 |
| 101427 | PINE GROVE LANDFILL INC | 506.2 | 0 | 0 | 0 | 20.5 | 0 | 0 | 526.7 |
| 101534 | LAUREL HIGHLANDS LANDFILL INC | 0 | 0 | 0 | 0 | 0.5 | 0 | 0 | 0.5 |
| 101538 | SANDY RUN LANDFILL INC. | 77.3 | 321.9 | 0 | 0 | 255.9 | 0 | 0 | 655.1 |
| 101615 | COMMONWEALTH ENVIRONMENTAL SYST | 21.9 | 0 | 0 | 0 | 0 | 0 | 0 | 21.9 |
| 400592 | LCSWMA RESOURCE RECOVERY FACILITY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Waste Totals: | | 15701.6 | 725 | 575.9 | 0 | 4168.7 | 0 | 6.1 | 21177.3 |



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Commonwealth of Pennsylvania
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Division of Reporting and Fee Collection

County Waste Destinations
in Tons (2000 lbs.) of Waste

Note: This reports does not show waste shipped from Pennsylvania counties to out-of-state disposal facilities, nor does it show waste collected for recycling.

For Year: 2010

County : NORTHUMBERLAND

| Permit | Disposal Facility Receiving Waste | Waste Type: | Municipal | Residual | Sewage Sludge | Infectious | Construction | Ash Residue | Asbestos | Total |
|----------------------|--------------------------------------|-------------|----------------|----------------|------------------|------------|---------------|----------------|-----------|-----------------|
| 100020 | IESI PA BETHLEHEM LANDFILL CORP. | | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0.1 |
| 100758 | HARRISBURG MATERIALS ENERGY RECYC | | 12040.2 | 0 | 0 | 0 | 33.4 | 0 | 0 | 12073.6 |
| 100945 | CUMBERLAND COUNTY LANDFILL | | 0.2 | 0 | 0 | 0 | 0.2 | 0 | 0 | 0.4 |
| 100955 | CLINTON COUNTY SWA WAYNE TOWNSHIP | | 424.5 | 0 | 0 | 0 | 1268.6 | 0 | 7.2 | 1700.3 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | | 32201.1 | 15236.5 | 15885.5 | 0 | 2506.9 | 14.7 | 68.7 | 65913.4 |
| 101427 | PINE GROVE LANDFILL INC | | 20300.4 | 164.2 | 0 | 0 | 265.3 | 0 | 0 | 20729.9 |
| 101615 | COMMONWEALTH ENVIRONMENTAL SYST | | 9201.2 | 271.1 | 0 | 0 | 667.1 | 0 | 0 | 10139.4 |
| 400592 | LCSWMA RESOURCE RECOVERY FACILITY | | 0 | 1521.8 | 0 | 0 | 0 | 0 | 0 | 1521.8 |
| Waste Totals: | | | 74167.6 | 17193.6 | 15885.5 | 0 | 4741.5 | 14.7 | 76 | 112078.9 |

County : PERRY

| Permit | Disposal Facility Receiving Waste | Waste Type: | Municipal | Residual | Sewage Sludge | Infectious | Construction | Ash Residue | Asbestos | Total |
|----------------------|--------------------------------------|-------------|----------------|--------------|------------------|------------|---------------|----------------|----------|----------------|
| 100113 | MODERN LANDFILL | | 12.3 | 325.3 | 0 | 0 | 4.7 | 0 | 0 | 342.3 |
| 100758 | HARRISBURG MATERIALS ENERGY RECYC | | 5321.3 | 0 | 0 | 0 | 1133.4 | 0 | 0 | 6454.7 |
| 100945 | CUMBERLAND COUNTY LANDFILL | | 9008.1 | 0 | 638.7 | 0 | 828.7 | 0 | 0 | 10475.5 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | | 2 | 51.4 | 0 | 0 | 14.8 | 0 | 0 | 68.2 |
| 101389 | LCSWMA FREY FARM LANDFILL | | 0 | 22.6 | 0 | 0 | 0 | 0 | 0 | 22.6 |
| 101427 | PINE GROVE LANDFILL INC | | 2138.4 | 0 | 0 | 0 | 238 | 0 | 0 | 2376.4 |
| 101538 | SANDY RUN LANDFILL INC. | | 885.3 | 0 | 0 | 0 | 969.2 | 0 | 0 | 1854.5 |
| Waste Totals: | | | 17367.4 | 399.3 | 638.7 | 0 | 3188.8 | 0 | 0 | 21594.2 |



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Division of Reporting and Fee Collection

County Waste Destinations
in Tons (2000 lbs.) of Waste

Note: This reports does not show waste shipped from Pennsylvania counties to out-of-state disposal facilities, nor does it show waste collected for recycling.

For Year: 2009

County : NORTHUMBERLAND

| Permit | Disposal Facility Receiving Waste | Waste Type: | Municipal | Residual | Sewage Sludge | Infectious | Contruction | Ash Residu | Asbestos | Total |
|----------------------|--------------------------------------|-------------|----------------|----------------|------------------|------------|---------------|---------------|-------------|-----------------|
| 100758 | HARRISBURG MATERIALS ENERGY RECYC | | 4968.3 | 0 | 0 | 0 | 16.3 | 0 | 0 | 4984.6 |
| 100945 | CUMBERLAND COUNTY LANDFILL | | 16.8 | 0 | 0 | 0 | 0 | 0 | 0 | 16.8 |
| 100955 | CLINTON COUNTY SWA WAYNE TOWNSHIP | | 1109.6 | 0 | 0 | 0 | 388.4 | 0 | 7.8 | 1505.8 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | | 32361.2 | 14420.5 | 14692.8 | 0 | 2689 | 8.5 | 48.3 | 64220.3 |
| 101247 | KEYSTONE SANITARY LANDFILL | | 0 | 11.5 | 0 | 0 | 0 | 0 | 0 | 11.5 |
| 101397 | ADVANCED DISPOSAL SERVICES GREENT | | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 31 |
| 101427 | PINE GROVE LANDFILL INC | | 26267.3 | 186.1 | 0 | 0 | 560.3 | 0 | 0 | 27013.7 |
| 101571 | MOSTOLLER LANDFILL INC | | 43.8 | 0 | 0 | 0 | 0 | 0 | 0 | 43.8 |
| 101615 | COMMONWEALTH ENVIRONMENTAL SYST | | 11221.1 | 278.3 | 0 | 0 | 287.4 | 0 | 0 | 11786.8 |
| 400592 | LCSWMA RESOURCE RECOVERY FACILITY | | 0 | 906.4 | 0 | 0 | 0 | 0 | 0 | 906.4 |
| Waste Totals: | | | 75988.1 | 15833.8 | 14692.8 | 0 | 3941.4 | 8.5 | 56.1 | 110520.7 |

County : PERRY

| Permit | Disposal Facility Receiving Waste | Waste Type: | Municipal | Residual | Sewage Sludge | Infectious | Contruction | Ash Residu | Asbestos | Total |
|----------------------|--------------------------------------|-------------|----------------|--------------|------------------|------------|---------------|---------------|----------|----------------|
| 100113 | MODERN LANDFILL | | 0 | 385.4 | 0 | 0 | 3 | 0 | 0 | 388.4 |
| 100758 | HARRISBURG MATERIALS ENERGY RECYC | | 6061.7 | 0 | 0 | 0 | 601.4 | 0 | 0 | 6663.1 |
| 100934 | IESI PA BLUE RIDGE LANDFILL CORP | | 312.4 | 0 | 0 | 0 | 0 | 0 | 0 | 312.4 |
| 100945 | CUMBERLAND COUNTY LANDFILL | | 10124 | 0 | 671.3 | 0 | 1088 | 0 | 0 | 11883.3 |
| 100955 | CLINTON COUNTY SWA WAYNE TOWNSHIP | | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 50 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 13 |
| 101100 | MOUNTAIN VIEW RECLAMATION LANDFILL | | 116.4 | 0 | 0 | 0 | 16.9 | 0 | 0 | 133.3 |
| 101389 | LCSWMA FREY FARM LANDFILL | | 0 | 34.9 | 0 | 0 | 0 | 0 | 0 | 34.9 |
| 101427 | PINE GROVE LANDFILL INC | | 2530.6 | 2.9 | 0 | 0 | 157.4 | 0 | 0 | 2690.9 |
| 101538 | SANDY RUN LANDFILL INC. | | 770.3 | 0 | 0 | 0 | 1202.8 | 0 | 0 | 1973.1 |
| Waste Totals: | | | 19915.4 | 436.2 | 671.3 | 0 | 3119.5 | 0 | 0 | 24142.4 |



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County Waste Destinations
in Tons (2000 lbs.) of Waste

Note: This reports does not show waste shipped from Pennsylvania counties to out-of-state disposal facilities, nor does it show waste collected for recycling.

For Year: 2008

County : NORTHUMBERLAND

| Permit | Disposal Facility Receiving Waste | Waste Type: | Municipal | Residual | Sewage Sludge | Infectious | Contruction | Ash Residu | Asbestos | Total |
|----------------------|--------------------------------------|-------------|----------------|----------------|------------------|------------|---------------|---------------|--------------|-----------------|
| 100265 | GRAND CENTRAL SANITARY LANDFILL INC | | 1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.1 |
| 100945 | CUMBERLAND COUNTY LANDFILL | | 0 | 0 | 0 | 0 | 3.5 | 0 | 0 | 3.5 |
| 100955 | CLINTON COUNTY SWA WAYNE TOWNSHIP | | 7.1 | 0 | 0 | 0 | 660.2 | 0 | 14 | 681.3 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | | 37306.3 | 20046.2 | 16834.5 | 0 | 3405.3 | 8.1 | 167.5 | 77767.9 |
| 101247 | KEYSTONE SANITARY LANDFILL | | 43.3 | 0 | 0 | 0 | 0 | 0 | 0 | 43.3 |
| 101427 | PINE GROVE LANDFILL INC | | 9880.8 | 208.3 | 0 | 0 | 1468 | 0 | 0 | 11557.1 |
| 101615 | COMMONWEALTH ENVIRONMENTAL SYST | | 13650.3 | 292 | 0 | 0 | 256.4 | 0 | 0 | 14198.7 |
| 400592 | LCSWMA RESOURCE RECOVERY FACILITY | | 0 | 655.6 | 0 | 0 | 0 | 0 | 0 | 655.6 |
| Waste Totals: | | | 60888.9 | 21202.1 | 16834.5 | 0 | 5793.4 | 8.1 | 181.5 | 104908.5 |

County : PERRY

| Permit | Disposal Facility Receiving Waste | Waste Type: | Municipal | Residual | Sewage Sludge | Infectious | Contruction | Ash Residu | Asbestos | Total |
|----------------------|--------------------------------------|-------------|----------------|-------------|------------------|------------|---------------|---------------|-------------|----------------|
| 100020 | IESI PA BETHLEHEM LANDFILL CORP. | | 0 | 0 | 0 | 0 | 5.1 | 0 | 0 | 5.1 |
| 100113 | MODERN LANDFILL | | 981.2 | 370.4 | 0 | 0 | 0 | 0 | 0 | 1351.6 |
| 100758 | HARRISBURG MATERIALS ENERGY RECYC | | 6600.8 | 0 | 0 | 0 | 0 | 0 | 0 | 6600.8 |
| 100934 | IESI PA BLUE RIDGE LANDFILL CORP | | 1376.5 | 0 | 0 | 0 | 2.2 | 0 | 0 | 1378.7 |
| 100945 | CUMBERLAND COUNTY LANDFILL | | 11302.1 | 1585.1 | 636.7 | 0 | 2452.8 | 0 | 19.9 | 15996.6 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | | 13.8 | 68 | 0 | 0 | 0 | 0 | 0 | 81.8 |
| 101100 | MOUNTAIN VIEW RECLAMATION LANDFILL | | 2320.4 | 0 | 0 | 0 | 387 | 0 | 0 | 2707.4 |
| 101389 | LCSWMA FREY FARM LANDFILL | | 0 | 70.5 | 0 | 0 | 0 | 0 | 0 | 70.5 |
| 101397 | ADVANCED DISPOSAL SERVICES GREENT | | 375.3 | 0 | 0 | 0 | 0 | 0 | 0 | 375.3 |
| 101427 | PINE GROVE LANDFILL INC | | 481.7 | 0 | 0 | 0 | 22.3 | 0 | 0 | 504 |
| 101538 | SANDY RUN LANDFILL INC. | | 161.4 | 0 | 0 | 0 | 167.6 | 0 | 0 | 329 |
| 101571 | MOSTOLLER LANDFILL INC | | 73.7 | 0 | 0 | 0 | 84.4 | 0 | 0 | 158.1 |
| Waste Totals: | | | 23686.9 | 2094 | 636.7 | 0 | 3121.4 | 0 | 19.9 | 29558.9 |



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County Waste Destinations
in Tons (2000 lbs.) of Waste

Note: This reports does not show waste shipped from Pennsylvania counties to out-of-state disposal facilities, nor does it show waste collected for recycling.

For Year: 2007

County : NORTHUMBERLAND

| Permit | Disposal Facility Receiving Waste | Waste Type: Municipal | Residual | Sewage Sludge | Infectious | Contruction | Ash Residu | Asbestos | Total |
|----------------------|--------------------------------------|-----------------------|----------------|------------------|------------|---------------|---------------|-------------|-----------------|
| 100933 | ALLIANCE SANITARY LANDFILL INC | 0 | 5.9 | 0 | 0 | 0 | 0 | 0 | 5.9 |
| 100955 | CLINTON COUNTY SWA WAYNE TOWNSHIP | 19.6 | 19.7 | 0 | 0 | 676.6 | 0 | 24.4 | 740.3 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | 36283 | 23416.7 | 16532.2 | 0 | 3128.5 | 10.2 | 47.2 | 79417.8 |
| 101397 | ADVANCED DISPOSAL SERVICES GREENT | 0 | 0.6 | 0 | 0 | 0 | 0 | 4.5 | 5.1 |
| 101427 | PINE GROVE LANDFILL INC | 221.6 | 0 | 0 | 0 | 0 | 0 | 0 | 221.6 |
| 101615 | COMMONWEALTH ENVIRONMENTAL SYST | 19139.5 | 513.8 | 0 | 0 | 445 | 0 | 0 | 20098.3 |
| 400592 | LCSWMA RESOURCE RECOVERY FACILITY | 0 | 688.5 | 0 | 0 | 0 | 0 | 0 | 688.5 |
| Waste Totals: | | 55663.7 | 24645.2 | 16532.2 | 0 | 4250.1 | 10.2 | 76.1 | 101177.5 |

County : PERRY

| Permit | Disposal Facility Receiving Waste | Waste Type: Municipal | Residual | Sewage Sludge | Infectious | Contruction | Ash Residu | Asbestos | Total |
|----------------------|--------------------------------------|-----------------------|--------------|------------------|------------|---------------|---------------|------------|----------------|
| 100113 | MODERN LANDFILL | 1447.6 | 419.8 | 0 | 0 | 0 | 0 | 0 | 1867.4 |
| 100758 | HARRISBURG MATERIALS ENERGY RECYC | 3173.4 | 0 | 0 | 0 | 0 | 0 | 0 | 3173.4 |
| 100934 | IESI PA BLUE RIDGE LANDFILL CORP | 781.5 | 0 | 0 | 0 | 0 | 0 | 2.7 | 784.2 |
| 100945 | CUMBERLAND COUNTY LANDFILL | 7540.6 | 160.3 | 581.3 | 0 | 1725.2 | 0 | 0 | 10007.4 |
| 100955 | CLINTON COUNTY SWA WAYNE TOWNSHIP | 0 | 0 | 0 | 0 | 607.5 | 0 | 0.1 | 607.6 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | 0.5 | 29.1 | 0 | 0 | 0 | 0 | 0 | 29.6 |
| 101100 | MOUNTAIN VIEW RECLAMATION LANDFILL | 3055.3 | 0 | 0 | 0 | 169.8 | 0 | 0 | 3225.1 |
| 101389 | LCSWMA FREY FARM LANDFILL | 0 | 42.9 | 0 | 0 | 0 | 0 | 0 | 42.9 |
| 101534 | LAUREL HIGHLANDS LANDFILL INC | 20.7 | 0 | 0 | 0 | 9.4 | 0 | 0 | 30.1 |
| 101538 | SANDY RUN LANDFILL INC. | 416.5 | 0 | 0 | 0 | 712.4 | 0 | 0 | 1128.9 |
| 101571 | MOSTOLLER LANDFILL INC | 150.8 | 0 | 0 | 0 | 301.4 | 0 | 0 | 452.2 |
| 101615 | COMMONWEALTH ENVIRONMENTAL SYST | 99.5 | 0 | 0 | 0 | 59.5 | 0 | 0 | 159 |
| Waste Totals: | | 16686.4 | 652.1 | 581.3 | 0 | 3585.2 | 0 | 2.8 | 21507.8 |



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County Waste Destinations
in Tons (2000 lbs.) of Waste

Note: This reports does not show waste shipped from Pennsylvania counties to out-of-state disposal facilities, nor does it show waste collected for recycling.

For Year: 2006

County : NORTHUMBERLAND

| Permit | Disposal Facility Receiving Waste | Waste Type: | Municipal | Residual | Sewage Sludge | Infectious | Contruction | Ash Residu | Asbestos | Total |
|----------------------|--------------------------------------|-------------|----------------|----------------|------------------|------------|---------------|---------------|--------------|----------------|
| 100933 | ALLIANCE SANITARY LANDFILL INC | | 9.3 | 0 | 0 | 0 | 0 | 0 | 0 | 9.3 |
| 100955 | CLINTON COUNTY SWA WAYNE TOWNSHIP | | 0.8 | 109.5 | 0 | 0 | 1703.7 | 0 | 122.7 | 1936.7 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | | 33787.6 | 19488.9 | 15998.2 | 0 | 6869.8 | 22.4 | 85.9 | 76252.8 |
| 101509 | CONNESTOGA LANDFILL | | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 101615 | COMMONWEALTH ENVIRONMENTAL SYST | | 9212.5 | 287.1 | 0 | 0 | 270.7 | 0 | 1.3 | 9771.6 |
| 400592 | LCSWMA RESOURCE RECOVERY FACILITY | | 0 | 776.9 | 0 | 0 | 0 | 0 | 0 | 776.9 |
| Waste Totals: | | | 43010.2 | 20662.4 | 15998.2 | 0 | 8845.2 | 22.4 | 209.9 | 88748.3 |

County : PERRY

| Permit | Disposal Facility Receiving Waste | Waste Type: | Municipal | Residual | Sewage Sludge | Infectious | Contruction | Ash Residu | Asbestos | Total |
|----------------------|--------------------------------------|-------------|----------------|--------------|------------------|------------|---------------|---------------|----------|--------------|
| 100113 | MODERN LANDFILL | | 1393.5 | 359.6 | 0 | 0 | 8.7 | 0 | 0 | 1761.8 |
| 100758 | HARRISBURG MATERIALS ENERGY RECYC | | 926.2 | 0 | 0 | 0 | 0 | 0 | 0 | 926.2 |
| 100945 | CUMBERLAND COUNTY LANDFILL | | 8589.7 | 106 | 522.8 | 0 | 3056.4 | 0 | 0 | 12274.9 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | | 0 | 21.4 | 0 | 0 | 0 | 0 | 0 | 21.4 |
| 101100 | MOUNTAIN VIEW RECLAMATION LANDFILL | | 554.7 | 0 | 0 | 0 | 19.4 | 0 | 0 | 574.1 |
| 101389 | LCSWMA FREY FARM LANDFILL | | 0 | 10.2 | 0 | 0 | 0 | 0 | 0 | 10.2 |
| 101538 | SANDY RUN LANDFILL INC. | | 258.6 | 0 | 0 | 0 | 2045.4 | 0 | 0 | 2304 |
| 101571 | MOSTOLLER LANDFILL INC | | 68.7 | 0 | 0 | 0 | 2406.4 | 0 | 0 | 2475.1 |
| 101615 | COMMONWEALTH ENVIRONMENTAL SYST | | 20.3 | 0 | 0 | 0 | 0 | 0 | 0 | 20.3 |
| Waste Totals: | | | 11811.7 | 497.2 | 522.8 | 0 | 7536.3 | 0 | 0 | 20368 |



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Commonwealth of Pennsylvania
Department of Environmental Protection
Bureau of Waste Management
Division of Reporting and Fee Collection

County Waste Destinations
in Tons (2000 lbs.) of Waste

Note: This reports does not show waste shipped from Pennsylvania counties to out-of-state disposal facilities, nor does it show waste collected for recycling.

For Year: 2005

County : NORTHUMBERLAND

| Permit | Disposal Facility Receiving Waste | Waste Type: | Municipal | Residual | Sewage Sludge | Infectious | Contruction | Ash Residu | Asbestos | Total |
|----------------------|--------------------------------------|-------------|----------------|----------------|------------------|------------|---------------|---------------|-------------|----------------|
| 100113 | MODERN LANDFILL | | 0 | 84 | 0 | 0 | 0 | 0 | 0 | 84 |
| 100265 | GRAND CENTRAL SANITARY LANDFILL INC | | 0 | 0 | 0 | 7.2 | 0 | 0 | 0 | 7.2 |
| 100955 | CLINTON COUNTY SWA WAYNE TOWNSHIP | | 39.3 | 0 | 16.5 | 0 | 364.3 | 0 | 11.2 | 431.3 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | | 33364.5 | 21608.4 | 12296.9 | 0 | 5853.8 | 29.4 | 37.7 | 73190.7 |
| 101615 | COMMONWEALTH ENVIRONMENTAL SYST | | 4439.3 | 45.7 | 0 | 0 | 87.7 | 0 | 0 | 4572.7 |
| 400592 | LCSWMA RESOURCE RECOVERY FACILITY | | 0 | 943.8 | 0 | 0 | 0 | 0 | 0 | 943.8 |
| Waste Totals: | | | 37843.1 | 22681.9 | 12313.4 | 7.2 | 6305.8 | 29.4 | 48.9 | 79229.7 |

County : PERRY

| Permit | Disposal Facility Receiving Waste | Waste Type: | Municipal | Residual | Sewage Sludge | Infectious | Contruction | Ash Residu | Asbestos | Total |
|----------------------|--------------------------------------|-------------|----------------|--------------|------------------|------------|---------------|---------------|------------|----------------|
| 100081 | SOUTHERN ALLEGHENIES LANDFILL INC | | 95.4 | 0 | 0 | 0 | 0 | 0 | 0 | 95.4 |
| 100113 | MODERN LANDFILL | | 1165.5 | 392.5 | 0 | 0 | 78.9 | 0 | 0 | 1636.9 |
| 100758 | HARRISBURG MATERIALS ENERGY RECYC | | 41 | 0 | 0 | 0 | 0 | 0 | 0 | 41 |
| 100934 | IESI PA BLUE RIDGE LANDFILL CORP | | 1.2 | 0 | 0 | 0 | 1.9 | 0 | 0 | 3.1 |
| 100945 | CUMBERLAND COUNTY LANDFILL | | 9568 | 7.7 | 709.3 | 0 | 1789 | 0 | 0 | 12074 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | | 0 | 0 | 0 | 0 | 1.5 | 0 | 7.8 | 9.3 |
| 101100 | MOUNTAIN VIEW RECLAMATION LANDFILL | | 1563 | 0 | 0 | 0 | 18.6 | 0 | 0 | 1581.6 |
| 101165 | MIFFLIN COUNTY SWA LANDFILL | | 527.1 | 0 | 0 | 0 | 3.5 | 0 | 0 | 530.6 |
| 101421 | SHADE LANDFILL | | 58.5 | 0 | 0 | 0 | 0 | 0 | 0 | 58.5 |
| 101538 | SANDY RUN LANDFILL INC. | | 257.7 | 0 | 0 | 0 | 637.3 | 0 | 0 | 895 |
| 101615 | COMMONWEALTH ENVIRONMENTAL SYST | | 163 | 0 | 0 | 0 | 0 | 0 | 0 | 163 |
| Waste Totals: | | | 13440.4 | 400.2 | 709.3 | 0 | 2530.7 | 0 | 7.8 | 17088.4 |



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Commonwealth of Pennsylvania
Department of Environmental Protection
Bureau of Waste Management
Division of Reporting and Fee Collection

County Waste Destinations
in Tons (2000 lbs.) of Waste

Note: This reports does not show waste shipped from Pennsylvania counties to out-of-state disposal facilities, nor does it show waste collected for recycling.

For Year: 2004

County : NORTHUMBERLAND

| Permit | Disposal Facility Receiving Waste | Waste Type: | Municipal | Residual | Sewage Sludge | Infectious | Contruction | Ash Residu | Asbestos | Total |
|----------------------|--------------------------------------|-------------|----------------|----------------|------------------|------------|---------------|---------------|--------------|-----------------|
| 100265 | GRAND CENTRAL SANITARY LANDFILL INC | | 0 | 0 | 0 | 0.9 | 0 | 0 | 0 | 0.9 |
| 100955 | CLINTON COUNTY SWA WAYNE TOWNSHIP | | 4.6 | 0 | 0 | 0 | 8.3 | 0 | 0.5 | 13.4 |
| 100963 | LYCOMING COUNTY RESOURCE MANAGEM | | 31670.8 | 20855.7 | 15576.1 | 0 | 7594.6 | 0 | 200.3 | 75897.5 |
| 101100 | MOUNTAIN VIEW RECLAMATION LANDFILL | | 3979.1 | 0 | 0 | 0 | 0 | 0 | 0 | 3979.1 |
| 101165 | MIFFLIN COUNTY SWA LANDFILL | | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 |
| 101397 | ADVANCED DISPOSAL SERVICES GREENT | | 0 | 26.7 | 0 | 0 | 0 | 0 | 5 | 31.7 |
| 101427 | PINE GROVE LANDFILL INC | | 5563.4 | 382.8 | 0 | 0 | 1.2 | 0 | 0 | 5947.4 |
| 101509 | CONNESTOGA LANDFILL | | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 101615 | COMMONWEALTH ENVIRONMENTAL SYST | | 18864.3 | 33.1 | 0 | 0 | 58 | 0 | 0 | 18955.4 |
| 400592 | LCSWMA RESOURCE RECOVERY FACILITY | | 0 | 1294.1 | 0 | 0 | 0 | 0 | 0 | 1294.1 |
| Waste Totals: | | | 60082.3 | 22597.4 | 15576.1 | 0.9 | 7662.1 | 0 | 205.8 | 106124.6 |

County : PERRY

| Permit | Disposal Facility Receiving Waste | Waste Type: | Municipal | Residual | Sewage Sludge | Infectious | Contruction | Ash Residu | Asbestos | Total |
|----------------------|--------------------------------------|-------------|----------------|--------------|------------------|------------|---------------|---------------|----------|----------------|
| 100081 | SOUTHERN ALLEGHENIES LANDFILL INC | | 162.2 | 0 | 0 | 0 | 0 | 0 | 0 | 162.2 |
| 100113 | MODERN LANDFILL | | 1128.6 | 324.3 | 0 | 0 | 62.9 | 0 | 0 | 1515.8 |
| 100933 | ALLIANCE SANITARY LANDFILL INC | | 5.2 | 0 | 0 | 0 | 22.1 | 0 | 0 | 27.3 |
| 100934 | IESI PA BLUE RIDGE LANDFILL CORP | | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| 100945 | CUMBERLAND COUNTY LANDFILL | | 7261.3 | 62.4 | 588.1 | 0 | 1700.8 | 0 | 0 | 9612.6 |
| 101100 | MOUNTAIN VIEW RECLAMATION LANDFILL | | 1781.4 | 0 | 0 | 0 | 89 | 0 | 0 | 1870.4 |
| 101165 | MIFFLIN COUNTY SWA LANDFILL | | 1329.3 | 7.7 | 0 | 0 | 28.2 | 0 | 0 | 1365.2 |
| 101389 | LCSWMA FREY FARM LANDFILL | | 0 | 14.3 | 0 | 0 | 0 | 0 | 0 | 14.3 |
| 101421 | SHADE LANDFILL | | 20.7 | 0 | 0 | 0 | 0 | 0 | 0 | 20.7 |
| 101538 | SANDY RUN LANDFILL INC. | | 360.7 | 0 | 0 | 0 | 83 | 0 | 0 | 443.7 |
| 101571 | MOSTOLLER LANDFILL INC | | 81.4 | 0 | 0 | 0 | 131 | 0 | 0 | 212.4 |
| 101615 | COMMONWEALTH ENVIRONMENTAL SYST | | 1210.6 | 0 | 0 | 0 | 29.6 | 0 | 0 | 1240.2 |
| 400561 | YORK COUNTY RESOURCE RECOVERY CE | | 0 | 7.8 | 0 | 0 | 0 | 0 | 0 | 7.8 |
| Waste Totals: | | | 13341.4 | 416.5 | 588.1 | 0 | 2151.6 | 0 | 0 | 16497.6 |



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Municipal Survey Results

Perry County Solid Waste Management Plan
Survey Responses
Municipalities - Boroughs

| | | Landisburg Borough | New Bloomfield Borough | Liverpool Borough | Newport Borough | Millerstown Borough | Marysville Borough | Blain Borough | New Buffalo Borough | Duncannon Borough |
|---|---|---|--|--------------------------|---|--|--|---|---|---|
| A. SOLID WASTE AND RECYCLING INFORMATION | | | | | | | | | | |
| 2. | Disposal site(s) used for mun. solid waste? | varies depending on refuse service used by Township residents | Sylvster's Services - contract bid every 4 years | Cocolamus Creek Disposal | We have private haulers, borough does not provide trash pick up. Buy a bag program. | Cocolamus Creek Disposal | Cumberland County Landfill | varies depending on refuse service used by Township residents | Cumberland County Landfill | none |
| 3. | a. Est. % population having curbside refuse collection | 90% | 100% | available100% | 100% | 98% | 100% | none | 100% | 100% |
| | b. Est % population w/ curbside recyclables collection | 0 | 41 | available 50% | 0 | 0 | 75 | none | 0 | 100 |
| | c. Est. % population on public sewers | 100% | 100 | 99 | 100 | 99 | 95 | 0 | 100 | 98% |
| | d. Est. % population w/ convenient access to recyclables dropoff site | 0 | 58 | 80 | 100 | 100 | 100 | 100 | 0 | 100% |
| 4. | Frequency of residential refuse collection (per week) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Frequency of residential curbside recyclables collection (per week) | 0 | 1 | 1 | 0 | 0 | 1 | 1 or 24/7 | 0 | 1/month |
| 5. | a. Bag Limit for refuse collection | no limit | Normal refuse for 1 week | none, pay by the bag | buy a bag, unlimited | 3 | 4- not weighing more than 40 pounds each | 45 pounds per bag, unlimitd bags | 4 CCD bags/45 lbs per bag | 4 containersof no more than 33 gallons |
| | b. Recyclables collection toter size | n/a | 30 gal bag from CCD | none pay by the bag | 0 | n/a | unlimited - 18 gal. containers but no limit on the number of containers. | 45 lbs/bag | n/a | none |
| 6. | Additional items picked up curbside | Spring Clean Up | | 2/year | unknown, varies buy hauler | Pick up any large or bulk item can be scheduled with the hauler. | 1 large item per week, no extra cost | Consumer or household would contact hauler to arrange | variable - contact hauler for dumpster of pick up | Large non hazardous items. No electronics. 2 cu.yd. dumpsters available. All through Borough collection. Fees vary accordingly. |
| | Frequency | once per year | | | | | weekly | by appt. | | 1/week option |
| | Limits | | | | | | 1 large item per week | n/a | | |
| | Costs | | | no cost | | | no cost | variable | | with service |
| 7. | Items collected through curbside recycling: | n/a | | | n/a | | | n/a | n/a | |
| | - Source Separated | | x | | | | | | | |
| | - Commingled | | | x | | | x | | | |
| | - Single Stream | | | | | | | | | x |
| | - Other: | | | | | | | | | |
| 8. | Residential refuse collection services provided by: | | | | | | | | | |
| | - Individual priv. subsc. Contracts | yes | | | x | | | | | |
| | - Mun. contract | | x | x | | x | x | | x | |
| | - Mun. collection crew | | | | | | | | | x |
| | - Via direct hauling to dropoff/conven. Center | | | | | | | | | |
| | - Other | | | | | | | Purchase of trash bag provided by refuse hauler. | | |
| 9. | Residential recyclables services provided by: | none | | | | | | | n/a | |
| | - Part of individual priv. subsc. Contracts | | x(buy the bag) | | | | | | | |
| | - Mun. contract | | | x | | | x | | | |
| | - Mun. collection crew | | | | | | | | | |

Perry County Solid Waste Management Plan
Survey Responses
Municipalities - Boroughs

| | | Landisburg Borough | New Bloomfield Borough | Liverpool Borough | Newport Borough | Millerstown Borough | Marysville Borough | Blain Borough | New Buffalo Borough | Duncannon Borough |
|-----|--|--|--|--|---|--|---|--|--|---|
| | - Via direct hauling to dropoff/conven. Center | | x | | | | | x | | x |
| | - Other | | | | | voluntarily | | Coclamus Creek Disposal Bags | | Boyscouts provide curbside pick up once a month. |
| | - None | | | | x | | | | | |
| 10. | If mun. contract, please provide a copy of contract & provide: | | | | | | | n/a | | verbal agreement |
| | - Name: | | Slyvesters | Coclamus Creek Disposal | | | Advanced Disposal Service | | Coclamus Creek Disposal | Sylvester's Services |
| | - Commencement date & length of contract | | 4 years | | | | 9-1-2012 to 8-31-2015 (1 year, with 2 additional one year terms) | | one year agreement-January through December | |
| 11. | Priv. mun. waste hauler info. Name: Address: Phone: | Coclamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 | Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Coclamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 | | Coclamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 | Advanced Disposal Service 135 Vaughn Road, Shippensburg PA 17257 1-800-338-8971 | Coclamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 | Coclamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 | n/a Borough of Duncannon |
| 12. | Avg. mo., quarterly, or annual cost to residents - solid waste | \$15.00/Month | \$33/quarter | \$2.50 per bag | | quarterly:\$57/household | \$15.00 per month | | \$11/household/month | \$19.25/month |
| 13. | Avg. mo., quarterly, or annual cost to residents - recyclables | 0 | n/A buy the bag | \$2.50 per bag | | | 0 | | n/a | see below |
| 14. | Solid Waste billing | | | | | | | | | |
| | - paid from local taxes | | | | | | | | x | |
| | - pay fee to mun. | | x | | | x | x | | | |
| | - pay fee to private hauler | yes | | | | | | | | |
| | - other | | | pay per bag | | | | Buy bags at the grocery store. | | |
| | Recycling billing | n/a | | | | | | | n/a | |
| | - paid from local taxes | | | | | | | x | | x |
| | - pay fee to mun. | | | | | | x | | | |
| | - pay fee to private hauler | | x | | held third Sat. of each month, drop off | | | | | |
| | - other | | | pay per bag | | | | Buy bags at the grocery store. | | Borough pays \$400/quarterly for hauling of drop off recycling,(splits cost with Penn Township) |
| 15. | Does your mun. register private haulers? (Y/N) | | no | no | no | no | yes | | no | no |
| 16. | Does your mun. have a solid waste ordinance in effect? (Y/N) | | no | | no | yes | yes | no | no | yes(1959) |
| 17. | Do you sponsor special handling waste collections? (Y/N) | | yes | yes | no | yes | no | no | no | yes |
| | If yes, which items? | | Household items, building materials, appliances | clean ups | | Everything except TVs.Tires are an extra fee. | | | no | Tires(2), Non freon white goods, non-regular trash items,scrap metal,electronics |
| | If yes, how often? | | once/year second Sat. inMay | 2 x year | | every other year(odd) | | | | once a year Spring clean Up |
| 18. | Restrictions on burning waste, recyclables or leaves? | yes | yes. No open burning allowed in the Borough | yes | There is no open burning in the Borough | yes | yes, by permit, yard waste only | yes. Limits on type of items and times when burning can occur | No ordinance, but ask that residents use trash collection instead of burning. Suggest items that should not be burned. | yes. Restrictions on all. |

Perry County Solid Waste Management Plan
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|-----|---|--------------------|------------------------|----------------------------------|---|---|---|---|---------------------|---|
| | Ordinance provided? | no | no | | Ord. #348 Chapter 94 Open Burning | no | yes | no | no | on website www.duncannonboro.org |
| 19. | Describe recycling activities & programs available? Future plans? (provide names/addresses) | none | n/a | | Borough holds recycling every third Sat. of each month. Diemler Recycling gets paid \$300/month. See attached recycling info. | Currently, Drop off location at Millerstown Recreation Park or pick up on major routes. | The Borough offered an electronic and universal waste recycling event on 5-18-2013. We currently collect electronics and appliances curbside the second Tuesday of the month. Our Borough employees pick up and take items to Diemlers Recycling in New Bloomfield, PA. | Blain Boro is teamed with Toboyne, Jackson township, Southwest Madison, DCNR in providing dumpsters for recycling. Seven years estimated. Also, all residents can choose to purchase CCD recycling bags for \$2.75 each | n/a | Boy Scouts pick up single stream materials curbside one Saturday each month, and there is a drop off collection one Saturday each month for the same list of materials. Would like to have once a week recycling pick up. |
| 20. | List contact person(s) & tel. for recycling program | n/a | n/a | Danielle Schoonover 717-877-6452 | James Prescott 717-605-8268 Mayor Mary Hetrick 717-567-7050 | Cocolamus Creek Disposal | Connie Zitsch 717-957-3110 | township secretary | n/a | n/a |
| | - What recyclable materials collected? | | | | office paper, cardboard, mags, all books, tin, aluminum, newspaper, glass, newspaper, #1 - #7 plastic containers, all electronics | | Telephones(cell/regual r). Dehumidifiers, floor cpiers, washers, dryers, dish washers, stover, refrigerators etc Basically accept anything with a cord. | | | Al. cans, ferrous cans, all color glass bottles, newspapers, corrugated cardboard, #1 to #7 plastics, all types paper, junk mail, books, magazines |
| | - Does your mun. provide containers / transport (Y/N) | | | no | no | no | yes | no | | no |
| | - Do you provide education, collection route calendars, etc (Y/N) | | | no | no | no | no | no | | no |
| 21. | How are materials processed/marketed? | n/a | n/a | | Collected by Borough and processed by Diemler's Recycling | | They are run through a MRF line and source separated by commodity. Cougles uses multiple markets both in the states and overseas. They also make other products from plastic recycling. (plastic boards, used for decks etc) | n/a handled by hauler | n/a | hauler collcts single stream and transports |
| 22. | Are you willing to host a recyclables dropoff somewhere in your mun.? | no | no | yes | Already do | already have one | no | Satisfied with current arrangement. | yes | have |

Perry County Solid Waste Management Plan
Survey Responses
Municipalities - Boroughs

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|---|--|--------------------|------------------------|----------------------------------|--|-------------------------|---|---------------|------------------------------------|---|
| 23. | Would your mun. be interested in developing... | | no | | Already have | | | have | no | Deal directly with DEP |
| | - a no burn ordinance | | | | | | | have | | |
| | - a no burning of recyclables ordinance | | | | | | | have | | |
| | - a voluntary curbside recycling ordinance | | | | | | | no | | |
| | - a mandatory curbside recycling ordinance | | | | | | | no | | |
| | - other | | | | | | | | | |
| | What barriers could be addressed that might stand in the way of the mun? | | | cost | | | | | Cost to residents and enforcement. | |
| B. SEPTAGE INFORMATION | | | | | | | | | | |
| 24. | Does the mun. have a septage hauler registration program? (Y/N) | | no | no | no | no | no | no | no | no |
| | If yes, provide a list of registered haulers. | | | | no | | | | | |
| 25. | Does the mun. have established schedules for inspecting and pumping of septic tanks? (Y/N) | | no | no | n/a | no | yes | no | no | no |
| | If yes, describe | | | | n/a | no septs | Pump every 3 years | | | |
| 26. | Does the mun. have a method to track and verify removal and disposition of septage? (Y/N) | | no | Waste from sewer plant is logged | n/a | no | yes | no | n/a | n/a |
| | If yes, describe | | | | | | copy of pumping invoice | | | |
| 27. | Has your mun. enacted an ordinance that establishes a septage disposal management program? (Y/N) | | no | no | no | | no | no | n/a | no |
| | If yes, attach copy of ordinance | | | | n/a | | | | | |
| 28. | Does the mun. have a program established for licensing, tracking, monitoring other wastes? (Y/N) | | no | no | n/a | no | yes | no | no | no |
| | please explain | | | | no | | We receive a report from restaurants (pump invoice) | | | |
| 29. | How many on-lot disposal systems do you have in your mun? (est) | | 0 | 5 | none | 2 | 12 | | 0 | approx. 10 |
| C. LEAVES, YARD WASTE AND OTHER ORGANICS INFORMATION | | | | | | | | | | |
| 30. | Is leaf/yard waste collection currently available? (Y/N) | | yes, no cost | yes, leaf | yes | yes | yes, leaf | no | no | yes. |
| | - If so, frequency? | | M, W, F | 2x/week for 6 weeks | every first and third Monday of each month | weekly | Fall, curbside via truck | | | In fall, with vacuum from designated alley or curbside locations. Residents are allowed 4 cans of leaves/yard waste each week as part of trash service. |
| | Are organics collected / processed? (Y/N) | | no | no | | no | no | | no | no |
| | - If so, what? | | | | | | | | | |
| | Amount of leaf and yard waste collected annually | | 200-260 tons / year | | unknown | 1 pick up load per week | 30 tons | | | |

Perry County Solid Waste Management Plan
Survey Responses
Municipalities - Boroughs

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|--------------------------------|--|--|--|--|--|--|--|--|---|--|
| 31. | How are leaves/yard waste processed? | | | farm application | unknown | composted | dump/landfill. Yard waste is collected by Advance Disposal Services. | n/a | n/a | Composted at recycling center. Some are run through the chipper. |
| | If composted/mulched, est. quantity of finished product produced | | Farm application for use as composting material. | | unknown | unknown | | | | ? |
| 32. | Would your mun. be willing to sponsor yard waste drop-off composting location? (Y/N) | | no | possibly | no | no | no | no | yes | yes |
| D. SERVICES | | | | | | | | | | |
| 33. | Which of these services would you like available to residents? | | | | Our budget is very tight and there is no money for programs. | | | | | |
| | - drop off recycling (list items) | | | | | | | currently have | steel, aluminum, glass, | have, but would like once a week. |
| | - curbside recycling (list items) | | | | | | | maybe | | have voluntarily |
| | - fall leaf collection | | | | | x | | no | yes | have |
| | - spring yard waste collection | | | | | | x | no | | yes |
| | - household hazardous waste collection | | | | | | x | no | | yes |
| 34. | What would residents be willing to pay for such services | | | | Everything we provide is free. | | | | If it is going to cost them they will be against it in general. | |
| | - drop off recycling | | | 0 | | | | have | | 0 |
| | - curbside recycling | | | 0 | | | | \$ 0 up to \$2.75 | | 0 |
| | - fall leaf collection | | | 0 | | ? | | | | 0 |
| | - spring yard waste collection | | | 0 | | | | | | 0 |
| | - household hazardous waste collection | | | 0 | | | \$5 per drop off | | | \$5 per drop |
| 35. | Which services does your mun. have the resources to support now or in next 10 yrs? | | | fall leaf collection | No resources | | | | none | |
| | - drop off recycling | | | | | | | currently have | | possible expansion |
| | - curbside recycling | | x | | | | x | | | no |
| | - fall leaf collection | | x | | | | x | | | have |
| | - spring yard waste collection | | x | | | | x | | | no |
| | - household hazardous waste collection | | | | | | | | | maybe |
| E. COMPLETION OF SURVEY | | | | | | | | | | |
| 36. | Name: | Thomas Gates | Damon Hartman | Danielle Schoonover | Patricia Bowers | Karen Knellinger | Scott Weaver | Connie Zellers (as told to Sally Tengeres) | Dan Balthaser | Lynn Roche |
| | Title: | Secretary Treasurer | Operator | council member | secretary | Secretary | Manager | Secretary | Council President | |
| | Telephone Number: | 717-610-3310 | 717-574-2615 | 717-877-6452 | 717-567-3728 | 717-589-3738 | 717-957-3110 | 717-5363524 | 717-648-7837 | 717-834-4311 |
| | Email: | tgates@landisburg.org | | legaldrv@rocketmail.com | newportb@embarqmail.com | mboro1@embarqmail.com | sweaver17053@comcast.net | blainboro@embarqmail.com | dannyb1@ptd.net | manager@duncannonboro.org |
| | Best time to contact: | | 7 to 3:30 M-F | anytime | 8-4:30, M-F | 9 AM - 1 PM M,W,F | 7am-3pm, M-F | weekdays | 8:00 to 3:00 | weekdays 8 am to 4 pm |

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| | | Carroll Township | Southwest Madison | Wheatfield Township | Spring Township | Liverpool Township | Juniata Township | Rye Township | Tuscarora Township | Miller Township | Penn Township | Toboyn Township | Jackson Township | Northeast Madison | Centre Township | Tyrone Township | Greenwood Township | Saville Township | Howe Township | Watts Township | Buffalo Township | Oliver Township |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2. | Disposal site(s) used for mun. solid waste? | varies depending on refuse service used by Township residents | varies depending on refuse service used by Township residents | Don't know. | Roadside bag system | CCD, Waste Management, Dynamite Disposal, Sylvesters | varies depending on refuse service used by Township residents | Harrisburg Incinerator(LCSWA) | n/a | Sylvester's Services, Waste Management, Cocolamus Creek Disposal | Private sector Pick Up, Sylvester Services or Cocolamus Creek Disposal | curbside | At residences and a recycling center @ the Forestry building above New Germantown on Route 274. | varies depending on refuse service used by Township residents | varies depending on refuse service used by Township residents | varies depending on refuse service used by Township residents | varies depending on refuse service used by Township residents | varies depending on refuse service used by Township residents | varies depending on refuse service used by Township residents | varies depending on refuse service used by Township residents | varies depending on refuse service used by Township residents | varies depending on refuse service used by Township residents |
| 3. | a. Est. % population having curbside refuse collection | 0 | 100 | 60 | 75 | | 50% | 100% | 100% | 99% | 100% | 100% | 85% | 100% | 100% | 100% | 95% | 0% | 0% | 0% | 0% | 0% |
| | b. Est % population w/ curbside recyclables collection | 0 | ? | 0 | 20 | | 20 | 0 | 0 | 0 | 0 | ? | 40 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | c Est. % population on public sewers | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | | 15-20 | 0 | -300, Ickesburg proper | 0 | 0 | 0 | 0 |
| | d. Est. % population w/ convenient access to recyclables dropoff site | 100 | | 100 (-5% recycle) | 10 | | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | | 100 | 100 | 0 | 0 | 0 | 0 | 100 |
| 4. | Frequency of residential refuse collection (per week) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Frequency of residential curbside recyclables collection (per week) | 1 | 1 | 0 | 1 | | 1 | 0 | 0 | 0 | 0 | CCD, Buy the bag | 1 | 1 | 1 | 0 | 0 | n/a | n/a | n/a | n/a | n/a |
| 5. | a. Bag Limit for refuse collection | n/a | 3 | 5 | no limit | ? | 3 | 4 bags or 2 cans | 0 - no limit | CCD - unlimited buy a bags or by quarter is 4 or 5 bags per week. Sylvesters's - 5 bags a week or unlimited buy a bags. Waste Management - no info available | | 45 pounds per bag, unlimtd bags | 45 pounds per bag, unlimtd bags | None that I am aware of,Weight limit of 45 lbs per bag | none | varies based on hauler | ? | none, pay by the bag | Waste Management/2 bags Sylvesters - not sure | Waste Management/2 bags Sylvesters - not sure | Waste Management/2 bags Sylvesters - not sure | varies |
| | b. Recyclables collection toter size | n/a | | none | 30 gal bag from CCD | | 30 gal bag from CCD | n/a | 0 | n/a | | 45 lbs/bag | 45 lbs/bag | 45lbs/bag | ? | n/a | | 45 lbs per bag | n/a | n/a | n/a | Cocolamus Creek Disposal recycling bag hold max. of 45 pounds |
| 6. | Additional items picked up curbside | none | n/a | n/a | n/a | ? | | none | n/a | n/a | Full Clean up by municipality, resident coordinate with trash collection agency. | Consumer or household would contact hauler to arrange | | | n/a | none | ? | Consumer or household would contact hauler to arrange | variable - contact hauler for dumpster of pick up | variable - contact hauler for dumpster of pick up | variable - contact hauler for dumpster of pick up | variable - contact hauler for dumpster of pick up |
| | Frequency Limits | | | | | | | n/a | | | annual | by appt. | | | | | | n/a | | | | n/a |
| | Costs | | | | | | | | | | | | | | | | | | | | | |
| 7. | Items collected through curbside recycling: | n/a | | | | | | n/a | n/a | n/a | | | | | | none | | none | none | none | none | none |
| | - Source Separated | | | x | | | | | | | | x | | | | | | | | | | |
| | - Commingled | | x | | x | | | | | | | x | | | x | | | | | | | |
| | - Single Stream | | | | | | x | | | | | | | | | | | | | | | |
| | - Other: | | | | | | | | | | | | | | | | | | | | | |
| 8. | Residential refuse collection services provided by: | | | | | | | | | | | | | | | | | | | | | |
| | - Individual priv. subsc. Contracts | x | x | x | x | x | x | | x | x | x | | | | x | x | x | | x | x | x | x |
| | - Mun. contract | | | | | | | | | | | | | | | | | | | | | |
| | - Mun. collection crew | | | | | | | x | | | | | | | | | | | | | | |
| | - Via direct hauling to dropoff/conven. Center | | | | | | | | | | | | x | | | | | | | | | |
| | - Other | Buy the Bag | | | x CCD Bag system | | | | | | | Purchase of trash bag provided by refuse hauler. | Residents purchase garbage bags and sit them out by home (or alternate site if truck doesn't go past their house) to be picked up. | Coclamus Creek Disposal Bags | | | | Coclamus Creek Disposal Buy a Bag | | | | Coclamus Creek Disposal Buy a Bag |
| 9. | Residential recyclables services provided by: | | | | | | | | | | | | | | | | | | none | none | none | |
| | - Part of individual priv. subsc. Contracts | | x | | x | | X | | x | | | | | | x | | | | | | | |
| | - Mun. contract | | | | | | | | | x | | | | | | | | | | | | |
| | - Mun. collection crew | | | | | | | | | | | | | | | | | | | | | |
| | - Via direct hauling to dropoff/conven. Center | | | s(municipal drop off site) | x | | | | | | x | x | x | | x | x | x | | | | | x |
| | - Other | Buy the bag | | | | | | | | | | | Bags purchased and set along pick up route | Coclamus Creek Disposal Bags | | | | Coclamus Creek Disposal - recycling Buy a Bag | | | | Coclamus Creek Disposal - recycling Buy a Bag |
| | - None | | | | | | | | | x | | | | | | | | | | | | |
| 10. | If mun. contract, please provide a copy of contract & provide: | | | | | x | | | n/a | n/a | n/a | n/a | | | n/a | | | | | | | n/a |
| | - Name: | | | | | | | | Advanced Disposal | | | | | | | | | | | | | |
| | - Commencement date & length of contract | | | | | | | | 1/1/2014-12/31/14 one year with renewal clause | | | | | | | | | | | | | |
| 11. | Priv. mun. waste hauler info. Name: Address: Phone: | Waste Mangement 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Cocolamus Creek 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Waste Mangement 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Cocolamus Creek 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Waste Mangement 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Waste Mangement 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Penn Waste PO Box 3066 York PA 17402 1-866-575-8720 | Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 | Waste Mangement 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Cocolamus Creek 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Cocolamus Creek 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Cocolamus Creek 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Cocolamus Creek 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Cocolamus Creek 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Cocolamus Creek 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Cocolamus Creek 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Cocolamus Creek 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Waste Mangement 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Waste Mangement 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Waste Mangement 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 | Waste Mangement 800-642-8850 Cocolamus Creek Disposal 31109 Rt. 35 North, McAlisterville Pa 17049 717-463-2381 Sylvester's Services 35 Lower Bailey Road Duncannon, PA 17020 717-834-4976 |

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|-----|---|---|--------------------------|---|---------------------------------------|--------------------|------------------|--|--|---|--|--|---|---|-----------------|---|---|---|--|----------------|------------------|---|
| 12. | Avg. mo., quarterly, or annual cost to residents - solid waste | | \$13/household/month (?) | \$76 quarterly or \$3-4/container | \$20/household | | \$3.75/container | \$50.00/household \$38.00 senior rate(65 +) | \$3.00 per bag | quarterly: \$66/household | \$80/household | Cost varies with use. Consumer or household would purchase bags at \$3.25 each. Bags are available at local markets and businesses throughout the area. | Cost varies with use. Consumer or household would purchase bags at \$3.25 each. Bags are available at local markets and businesses throughout the area. | \$3.25 per week/or \$169 annually per household | | annual - \$300 | \$61/quarter | | Waste Mangement about \$75/month? | | | see reference sheet for CCD and Sylvester's Services prices |
| 13. | Avg. mo., quarterly, or annual cost to residents - recyclables | | ? | | \$20/household | | n/a | n/a | n/a | n/a | n/a | CCD Buy the Bags are \$2.75 each or the drop off center in Loysville is \$3 per load. | CCD Buy the Bags are \$2.75 each or the drop off center in Loysville is \$3 per load. | \$2.75 per week/or \$143 annually per household | | unsure | | | | | | #bags x \$2.75 |
| 14. | Solid Waste billing | | | | | | | | | | | | | | | | | | | | | |
| | - paid from local taxes | | | | | | | | | | | | | | | | | | | | | |
| | - pay fee to mun. | | | | | | | x | | | | | | | | | | | | | | |
| | - pay fee to private hauler | | x | x | | x | x | | x | x | x | | | | x | x | x | | x | x | x | x |
| | - other | | | | x bag system | | | | | | | paid with purchase of bags. | Purchase bags | Buy bags at the grocery store. | | | | | | | | x |
| | Recycling billing | | | | | | | | | | | | | | | | | | | | | |
| | - paid from local taxes | | | | | | | | | | x | x | | | | | | | | | | |
| | - pay fee to mun. | | | | | | | | | | | | | | | | | | | | | |
| | - pay fee to private hauler | | x | x | | | x | | | x | | | | | x | | X | | | | | |
| | - other | | | | x bag system | | | x - paid from trash collection fees and small amount of interest | | | Penn Township splits recycling drop off hauling charges with Duncannon Borough.\$400/quarter each. | | Purchase bag or take to free recycling center. | buy bags at the grocery store. | | | Buy a bag | | | | | Buy a Bag |
| 15. | Does your mun. register private haulers? (Y/N) | no | no | no | no | no | no | no | no | no | no | no | no | no | no | no | no | no | no | no | no | no |
| 16. | Does your mun. have a solid waste ordinance in effect? (Y/N) | | yes | no | no | no | no | yes | no | no | no | no | no | no | no | no | no | no | no | no | no | no |
| 17. | Do you sponsor special handling waste collections? (Y/N) | yes | no | yes | yes | no | no | yes | yes | yes | yes | yes | no | no | no | yes | no | yes | yes | yes | yes | yes |
| | If yes, which items? | furniture, tires,metal, appliances,electronics | | tires, white goods | everything except hazardous materials | | | Spring clean ups, tires, scrap metal | large items, tires(4perhousehold), no freon and no electronics | All items except wood shingles, cement, household trash, or hazardous waste | white goods, tires,CDC items | everything except tires, electronics and TVs | | All items except electronics | | everything except electronics and HHW | everything except electronics and HHW | All except freon containing items, electronics and HHW | All except freon containing items, electronics and HHW | | | Tires |
| | If yes, how often? | once/year | | once/year | once/year Spring | | | 2 x year | annually | annually | once a year | annually | | | once a year | | Twice a year(Spring and Fall | once/year | once/year | | | tires, every 3 years |
| 18. | Restrictions on burning waste, recyclables or leaves? | yes | no | | no | no | no | yes. No burning of trash or tires | no | no | no non-wood products | yes,limits on materials that are burned and times when these materials can be burned. | no | No restrictions due to lack of complaints. | no | yes. Nuisance ordinance. Prohibits burning garbage, tires, tar or plastic products and coal based synthetics.We use DEP for complaints, due to state rules and regulations. | | none | no | no | no | yes. On all types of burning. |
| | Ordinance provided? | yes | no | no | no | no | no | see attached nuisance ordinance | n/a | | no | yes | | | no | | | n/a | | | | no |
| 19. | Describe recycling activities & programs available? Future plans? (provide names/addresses) | Residents buy recycling bags from CCD- fill them -some set along main road others drop off in the roll off at the township Building. See Attached | n/a | Sylvesters Services hauls the recyclables collected during the one Saturday a month collection. Diemler's Recycling is a scrap dealer. Pulverize and use our own glass. | CCD bag recycling from CCD | none | none | Voluntary drop off recycling - Advanced Disposal Harrisburg I.C. 6330 Route 219 Brockway, PA 15824 Scrap Metal Diemlers recycling 163 Sleepy Hollow Road | none - work with Millersotwn Borough | Spring clean up once a year | Joint recycling with DuncannonBorough. The center is run by the Duncannon Boy Scouts. | Toboyne is teamed with Blain Bono, Jackson township, Southwest Madison, DCNR in providing dumpsters for recycling. Seven years estimated. Also, all residents can choose to purchase CCD recycling bags for \$2.75 each. | Large recycling containers are available 24/7 at the Forestry Building on Route 274 above New germantown. Area municipalities and the Department of Forestry share costs of bin pick up,recycling. Free to all residents. | none | none | voluntary recycling at Loysville Community Club. | Residents purchase CCD recycling bags andplace them along main routes or in recycling roll off at the Millerstown Recreation Park | Residents buy recycling bags from CCD- fill them -set along main road. No future recycling plans. | n/a | n/a | n/a | recycling Buy a Bag placed in Township roo-off. Residents also have access to Newport Borough's once a month recycling drop off. Would like to expand recycling program by using gated area and offering electronic recycling on a regular basis. |
| 20. | List contact person(s) & tel. for recycling program | Township Secretary | n/a | Township office | n/a | n/a | | Daisy Lightner 717-957-2348 | n/a | Joyce Stultz or Larry Yohn 567-9730 | Thom Hammaker-Boy Scouts 834-9796 | | | | n/a | | | n/a | | | | n/a |
| | - What recyclable materials collected? | Al tin, glass,mags, newspaper, books, cardboard, plastic | | glass, plastic, tin, aluminum, cardboard | | | | paper(cardboard, mags & glossy paper, tin, aluminum, junk mail, glass, soda and milk bottles, newspaper, plastics, manilla & brown folders | | | Aluminium, newspaper, cardboard, glass, plastics, steel, phone books, magazines | | | | | | | | | | | Al tin, glass,mags, newspaper, books, office paper, junk mail,cardboard, plastic |
| | - Does your mun. provide containers / transport (Y/N) | no | | no | | | no | no | no | | no | no | no | no | no | no | no | | | | | no |
| | - Do you provide education, collection route calendars, etc (Y/N) | yes, newsletter | | no | | | no | yes | no | | no | no | no | | no | no | no | | | | | no |
| 21. | How are materials processed/marketed? | picked up by CCD | n/a | | n/a | | | | | | | n/a | | | | | | | | | | n/a |
| 22. | Are you willing to host a recyclables dropoff somewhere in your mun.? | yes | | yes | no | no | no | no | no | no | yes, currently doing so monthly | yes. Already doing. | yes. already have | Would have to talk to the supervisors. | no | yes | yes | yes | no | yes | yes | yes |
| 23. | Would your mun. be interested in developing... | | | | | | | | | | | | | | | | | | | | | no |
| | - a no burn ordinance | | | | | | | | | | | | | | | | | | yes | yes | yes | |
| | - a no burning of recyclables ordinance | | | | | | | | | | | | | | | | | | yes | yes | yes | |
| | - a voluntary curbside recycling ordinance | | | | yes | | | | | | | | | | | | x | | yes | yes | yes | |
| | - a mandatory curbside recycling ordinance | | | | | | | | | | | | | | | | | | no | no | no | |
| | - other | | | | | | | | | | | | | | | | | | | | | |
| | What barriers could be addressed that might stand in the way of the mun? | | | | | | | | | | | Cost to taxpayers. No increase in taxes. | | | | | | | Residents not wanting to be told what to do. | | | Too demographically diversified. |

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|--|--|-------------------------------|--------------------------|---------------------|---------------------------|-----------------------|---|--|----------------------------|---|--|--|---|---|--------------------------------|-----------------------------|--------------------------------|--|---|---|---|---|
| B. SEPTAGE INFORMATION | | | | | | | | | | | | | | | | | | | | | | |
| 24. | Does the mun. have a septage hauler registration program? (Y/N) | no | no | no | no | no | yes | no | no | no | no | no | no | no | no | no | no | no | no | no | no | no |
| | If yes, provide a list of registered haulers. | | | | | | no list | | | | | | | | | | | | | | | |
| 25. | Does the mun. have established schedules for inspecting and pumping of septic tanks? (Y/N) | no | no | no | no | no | yes | no | no | no | no | no | no | no | no | no | no | no | yes | yes | no | no |
| | If yes, describe | | | | | | 1 person-12 yrs, 2 people 6 yrs, >2 - 3 yrs | | | | | | | | | | | | every 3 years | every three years | | |
| 26. | Does the mun. have a method to track and verify removal and disposition of septage? (Y/N) | no | no | no | no | no | yes | voluntary. Residents provide reipts for pumping. | no | no | no | no | no | yes | no | no | no | no | yes | yes | no | no |
| | If yes, describe | | | | | | forms | | | | | | | Have to remind homeowners about sending theirreceiptsto the township to keep on file. | | | | Collect septic tank cleaning receipts. | Collect septic tank cleaning receipts. | | | |
| 27. | Has your mun. enacted an ordinance that establishes a septage disposal management program? (Y/N) | no | no | no | no | no | yes | no | no | no | yes | no | no | | no | no | no | no | yes | yes | no | no |
| | If yes, attach copy of ordinance | | | | | | 537 plans | | | | | | | | | | | | | | | |
| 28. | Does the mun. have a program established for licensing, tracking, monitoring other wastes? (Y/N) | no | no | no | no | no | no | no | no | no | yes | no | no | no | no | no | no | no | no | no | no | no |
| | please explain | | | | | | | not many restaurants | | Township SEO is the Juniata Sewage Committee, 392N. Rodge Road Mifflintown pa | Inspection by Authority Contractor as Rules and Regulations. | No restaurant or car washes in the Township. | | No restaurant or car washes in the Township. | | | | | | | | |
| 29. | How many on-lot disposal systems do you have in your mun? (est) | thousands | 500 | | 100% approx. 900 | 100% | 500 | 850 | 100% | 580 parcels per tax records | 85 | 100 | Each home and business has one-no public sewer. | 4 | | | all households | 600 | 225 | 550 | 523 | ~750 |
| C. LEAVES, YARD WASTE AND OTHER ORGANICS INFORMATION | | | | | | | | | | | | | | | | | | | | | | |
| 30. | Is leaf/yard waste collection currently available? (Y/N) | no | no | no | no | no | no | no | no | no | no | no | no | no | no | no | no | no | no | no | no | |
| | - If so, frequency? | | | | | | | | | | | | | | | | | | | | | Leaf/yard waste is not collected by the Township, however they do provide a container for residents to dispose of their yard waste. There is no per use charge. Hauling is paid from general fund.The container is available 24/7 for 10 monts out of the year. |
| | Are organics collected / processed? (Y/N) | | | | | | no | no | | no | | no | no | no | no | no | | | | | | no |
| | - If so, what? | | | | | | | n/a | | | | | | | | | | | | | | About (10) 30 cu. yd. containers full a year. Locally mulched |
| 31. | Amount of leaf and yard waste collected annually | | | | | | | | | | | | | | | | | | | | | |
| | How are leaves/yard waste processed? | | burning | | n/a | | | Chip brush, no other services offered. Most compost on site. | | | n/a | n/a | Up to resident. | | n/a | | no | n/a | | | | |
| | If composted/mulched, est. quantity of finished product produced | | | | | | | | | | | | | | | | | | | | | ? |
| 32. | Would your mun. be willing to sponzor yard waste drop-off composting location? (Y/N) | no | no | | no | no | yes | no | no | no | no | | no | would have to talk to supervisors. | no | no | no | no | yes | yes | no | no |
| D. SERVICES | | | | | | | | | | | | | | | | | | | | | | |
| 33. | Which of these services would you like available to residents? | | | | | | | | no | | | | | | | | | | | | | |
| | - drop off recycling (list items) | | plastics,cans,mags,tires | | glass,metal,aluminum | | Paper, glass, plastic | | | | Currently have | currently have | | | CCD bag system | | | yes | yes | yes | yes | yes |
| | - curbside recycling (list items) | | | | | | | | | | | | | | | | curbside: Plastic, glass,paper | | voluntary only | voluntary only | voluntary only | |
| | - fall leaf collection | | | | | | | | | | | | | | | | | | | | | |
| | - spring yard waste collection | | | | | | | | | | | | | | | | | | | | | |
| | - household hazardous waste collection | x | x | | x | | x | | | | | | | | | x | | yes | yes | yes | yes | yes |
| 34. | What would residents be willing to pay for such services | | | | | | | | | | | | | | | | \$2.75/bag | | | | | |
| | - drop off recycling | | \$5.00 | | | | ? | | | | | | | | | | | <\$2.75/drop off | 0 | 0 | 0 | \$2.75/drop |
| | - curbside recycling | | | | | | | | | | | | | | | | | | 0 | | | |
| | - fall leaf collection | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| | - spring yard waste collection | | | | | | | | | | | | | | | | | | | | | |
| | - household hazardous waste collection | | \$5.00 | | | | | not sure, but a min. fee to cover costs. | | | | | | | | | | \$5-10 per drop off | \$10-15 per drop off | \$10-15 per drop off | \$10-15 per drop off | \$5-10 per drop off |
| 35. | Which services does your mun. have the resources to support now or in next 10 yrs? | | | | none | | | | | | | | | | | | | | | | | |
| | - drop off recycling | | x | | | | Paper, glass, plastic | x see attached | | | current | | | | currently have | | | yes | newspaper, plastic, Al, bi-metal, cardboard | newspaper, plastic, Al, bi-metal, cardboard | newspaper, plastic, Al, bi-metal, cardboard | yes |
| | - curbside recycling | | | | | | | | | | | | | | | | | | | | | |
| | - fall leaf collection | | | | | | | | | | | | | | | | | | | | | yes |
| | - spring yard waste collection | | | | | | | | | x | | | | | | | | | | | | yes |
| | - household hazardous waste collection | x | x | | | | | | | | | | | | | | | yes | yes | yes | yes | yes |
| E. COMPLETION OF SURVEY | | | | | | | | | | | | | | | | | | | | | | |
| 36. | Name: | Natalie Seiber | Debra Smith | Barry Schroepe | Douglas Wentzel | | Trudy Fleisher | Daisy Lightner | Tamuya Matter | Joyce I. Stultz | | Pat Carlin | Darlene Smith | Zachary D. Kuhn | Nannette Dusharm | Michael Shaffer | Katy Black | Greg Fuller | Nancy Cangili | Nancy Cangili | Nancy Cangili | Jill Hoover |
| | Title: | Secretary Treasurer | Secretary | Chairman | Board Chairman | | sec/treasurer | Sec./Treasurer | Secretary/Treasurer | Secretary | | Secretary/Treasurer | Secretary | Secretary/Treasurer | Secretary/Treasurer | Secretary | Secretary/Treasurer | Supervisor | Secretary | Secretary | Secretary | Supervisor |
| | Telephone Number: | 717-582-8200 | 717-536-3163 | 834-5467 | 717-536-9514 | | 717-567-9514 | 717-967-2348 | 717-589-7811 | 717-589-9730 | | 717-536-3154 | 717-536-3675 | 717-789-9175 or 717-836-2599 | 717-582-8784 | 789-4377 | 717-589-7204 | 717-438-3344 | 717-444-3045 | 717-834-4009 | 717-444-3295 | |
| | Email: | carrolltownship50@comcast.net | swmadison@embarqmail.com | | springtown@embarqmail.com | liverpooltw@pmail.com | juniatawp@embarqmail.com | ryetwp@ptd.net | secretary@tuscaroratwp.com | miller@embarqmail.com | semtownship@embarqmail.com | toboyne@gmail.com | jacksontw@tpa.net | semdadison@embarqmail.com | centerctownship@embarqmail.com | michael.shaffer73@yahoo.com | kblack@tpa.net | n/a | howetwp@tpa.net | wattstwp@tpa.net | buffalotwp@tpa.net | oliver@panet.net |
| | Best time to contact: | T,W 8-3:30 | | | | | AM Mon.-Thurs. | 9AM-3PM M-F | 9AM - 12 noon Wed. | 8am to 2pm Tues. or Wed. | | 24/7 | days | 4 to 10 pm | Wednesday-Thursday 7 am-3 pm | 8am to 4 pm | | Thursday 2-5 pm | | Thursday 2-5 | weekdays 8 am to 4 pm | |

ICW Survey Results

Perry County Solid Waste Management Plan
Survey Responses
ICW Generators

| | | Perry County Coroner's Office | Kinkora Pythian Home | Two Rivers Family Healthcare, PC | I.G. Bhat D.D.S. | Stonebridge Health and Rehabilitation | Boyer Family Funeral Home | The Manor at Perry Village | Newport Family Practice PC | David Tanner D.O. |
|---------------------|---|--|--|---|--|--|--|--|--|---|
| | Contact: | Mike Shalonis | Mitch Himmelberger | | I.G. Bhat D.D.S. | Randy Lindsay | Doug Boyer | Suzette Brandt | Louise Sausman | Mary Tanner |
| | Title: | County Coroner | Exec. Director | | owner | Maint. Supervisor | Owner/Director | Executive Director | Office Manager | wife |
| | Telephone Number: | 717-957-3451 | 717-834-4887 | 717-834-3900 | 717-957-3711 | 717-834-4111 | 717-582-2616 | 717-582-4346 | 717-567-3151 | 717-497-2988 |
| | Fax: | 717-957-2077 | 717-834-6622 | 717-834-3940 | 717-957-4853 | 717-834-6332 | 717-582-8001 | 717-582-8447 | 717-567-7571 | |
| | Email: | perry7c@aol.com | Khome46274@aol.com | n/a | anandbhatdds1250@gmail.com | rlindsay@extendicare.com | dtboyer@yahoo.com | suzette.c.brandt@consulatehc.com | louise.nfp@gmail.com | |
| | Mailing Address: | 10 Trout Lane Marysville PA 17053 | 25 Cove road Duncannon PA 17020 | 4 South Market Street Duncannon, PA 17020 | 300 South State Rd. Marysville, PA 17053 | 102 Chandra Drive, Duncannon PA 17020 | 230 North High Street Duncannon PA 17020 | 213 East Main Street New Bloomfield Pa 17068 | 46 Red Hill Court Newport PA 17074 | P.O. Box 10 Newport, PA 17074 |
| | Physical Address: | West McClure Street New Bloomfield Pa 17068 | same as above | Same as above | same as above | same as above | same as above | Same as above | same as above | 82 Red Hill Road Newport, PA 17074 |
| A. WASTE GENERATION | | | | | | | | | | |
| 1. | Average annual ICW generated lbs/yr | 120 | 1400 | less than 200 | 25-50 | 625 | 500 | 945 | | 480 |
| 2. | Does your definition of ICW include all "red bag" waste? (Y/N) | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| | If not, define IC waste | | | | | | | | | |
| 3. | How do you manage waste? | Outside contractor | Outside contractor | Outside contractor | Outside contractor | Outside contractor | Outside contractor | Outside contractor | Outside contractor | outside contractor |
| | On site treatment: Description | | Red bagged, boxed and picked up | | | | | | | |
| | Outside contractor: Description | ? | Bi-weekly pick up | | | | | Stericycle removes all | red bag picked up by company | |
| 4. | Is all the IC waste you reported generated at your facility? (Y/N) | yes | yes | yes | yes | yes | yes | | yes | yes |
| | Do you accept waste from another facility in your health care system? (Y/N) | no | no | no | no | no | no | | no | no |
| | If yes, please describe: | n/a | n/a | n/a | n/a | | | | | |
| 5. | If your Institution uses an outside contractor, please provide: Name | Bio Team Mobile Inc | Alpha Bio/Med Services LLC | Curtis Bay Medical Waste Services | Alpha Bio/Med Services LLC | Stericycle Inc. | Bio Team | Stericycle, Inc | Conservative Environmental Services | Stericycle |
| | Address: | 6 East Kendig Road Willow Street PA 17584 | 3246 Lincoln Highway East, Paradise PA 17562 | | 3246 Lincoln Highway East, Paradise PA 17562 | 1525 Chesnut Hill Road, Morgantown PA 19543 | Lancaster, PA | 4010 Commercial Ave. Northbrook IL 60062 | P.O. Box 745 Mechanicsburg PA 17055 | 4010 Commercial Avenue Northbrook, IL 60062 |
| | Processing/Disposal Method: | incineration | ? | | | Chemclave | | | medical waste disposal picked up | unsure-incineration? |
| 6. | Is the management of ICW a problem? | no | no | | no | no | no | no | no issues | no |
| | Are your teatment / disposal needs adequately met? | yes | yes | | yes | yes | | yes | adequately met | adequately met |
| 7. | Do you anticipate changes in the amount of ICW generated at your facility next year? | no | no | | no | no | unknown | yes, varies upon residents' conditions | no | no |
| 8. | Additional information that might impact your disposal needs, either current or future: | n/a | n/a | n/a | n/a | n/a | none | | | |

Perry County Solid Waste Management Plan
Survey Responses
ICW Generators

| | | Mark Cook DMD | George P. Garmin Funeral Homes, inc. | Philip R. Cook, VMD | Dan Hengst D.M.D. | Animal Hospital of Rye | Dr. T. Richard Nankivell DDS | Tri-County Veternary Services, PC |
|---------------------|---|---|--|---|---|--|---|---|
| | Contact: | Mark Cook DMD | Kenneth R. Ebling | Philip R. Cook, VMD | Dan Hengst D.M.D. | Dr. Alan Kirmayer | T. Richard Nankivell DDS | Clyde McMillen |
| | Title: | owner | Funeral Director | owner/Vet. | dentist | C.O.S. | owner | President |
| | Telephone Number: | 717-528-2333 | 717-444-3313 | 717-789-3913 | 717-567-3600 | 717-957-3991 | 717-589-3990 | 717-789-3121 |
| | Fax: | 717-582-7516 | 570-539-2481 | 717-789-3670 | 717-567-2400 | 717-957-3941 | n/a | 717-789-3214 |
| | Email: | | gpgarminfh@verizon.net | n/a | | akirmayer@vector.com | n/a | docandmrs@pa.net |
| | Mailing Address: | 5200 Spring Road Shermansdale, PA 17090 | 606 North Front Street Liverpool, PA 17045 | 3230 Shermans Valley Road Loysville, PA 17047 | 24 North second Street Newport, PA 17074 | 2875 Valley Road Marysville, PA 17053 | 701 E. Sunbury Street Millerstown, PA 17062 | 1041 Montour Road Loysville, PA 17047 |
| | Physical Address: | same | same | 3365 Shermans Valley Road Loysville, PA 17047 | same | same | same | 1041 Montour Road Loysville, PA 17047 |
| A. WASTE GENERATION | | | | | | | | |
| 1. | Average annual ICW generated lbs/yr | 200 | 180 | 45 | 12 | 420 | 10 | 120 |
| 2. | Does your definition of ICW include all "red bag" waste? (Y/N) | yes | yes | yes | yes | yes | yes | yes |
| | If not, define IC waste | | | | | | | |
| 3. | How do you manage waste? | outside contractor | outside contractor | outside contractor | outside contractor | outside contractor | outside contractor | outside contractor |
| | On site treatment: Description | | Average 1 red box a month | | | | | Red bag waste picked up 2x/year |
| | Outside contractor: Description | | contracted-pick up once/month | | | | | |
| 4. | Is all the IC waste you reported generated at your facility? (Y/N) | yes | yes | yes | yes | yes | yes | yes |
| | Do you accept waste from another facility in your health care system? (Y/N) | no | no | no | no | no | no | no |
| | If yes, please describe: | | | | | | | |
| 5. | If your Institution uses an outside contractor, please provide: Name | Stericycle | Alpha Bio/Med Services LLC | Stericycle, Inc. | Stericycle, Inc. | Curtis Bay Energy | Sharps Compliance Inc. | Alpha Bio/Med Service LLC |
| | Address: | 6951 Allentown Blvd. Suite K Harrisburg, PA 17112 | 3246 Lincoln Highway East, Paradise PA 17562 | 1525 Chesnut Hill Road Morgantown, PA 19543 | P.O. Box 6582 Carol stream, IL 60197-6582 | 3200 Hawking Point Road Baltimore MD 21226 | | 3246 Lincoln Hwy East Paradise, PA 17562 |
| | Processing/Disposal Method: | incineration | transferred to solid waste disposal plant/facility | | | | | All sharps and needles are autoclaved and sent to a special facility for recycling. |
| 6. | Is the management of ICW a problem? | no | no | no | no | no | no | no |
| | Are your teatment / disposal needs adequately met? | not a problem | adequately met | adequately met | adequately met | adequately met | | adequately met |
| 7. | Do you anticipate changes in the amount of ICW generated at your facility next year? | no | no | no | no | no | no | no |
| 8. | Additional information that might impact your disposal needs, either current or future: | | | | | none | | |

Perry County Solid Waste Management Plan
Survey Responses
ICW Generators

| | | Family Practice Center, PC | Sadler Dental | Richard Kindig, DDS | Carlisle Hospital X-ray &Lab | Nickel Funeral Home | Perry Pediatrics | Millerstown Veterinary Associates |
|---------------------|---|---|---|---|---|---|--|---|
| | Contact: | Delores Herzberg | Delores Herzberg | Delores Herzberg | Delores Herzberg | James F. Nickel | Darlene Saylor | Sue Brofee |
| | Title: | Facility Manager | Facility Manager | Facility Manager | Facility Manager | Owner/ Director | Secretary | Office Manager |
| | Telephone Number: | 717-789-3553 | 717-789-3553 | 717-789-3553 | 717-789-3553 | 717-789-3107 | 717-582-2181 | 717-589-3111 |
| | Fax: | 717-789-3198 | 717-789-3198 | 717-789-3198 | 717-789-3198 | | 717-582-3434 | 717-589-3023 |
| | Email: | n/a | n/a | n/a | n/a | n/a | perryped@yahoo.com | |
| | Mailing Address: | 1100 Montour Road Loysville, Pa 17047 | 1100 Montour Road Loysville, Pa 17047 | 1100 Montour Road Loysville, Pa 17047 | 1100 Montour Road Loysville, Pa 17047 | P.O. Box 910 Loysville, PA 17047 | PO Box 356 New Bloomfield PA 17068 | 807 Sunbury Path Millerstown, PA 17062 |
| | Physical Address: | 1100 Montour Road Loysville, Pa 17047 | 1100 Montour Road Loysville, Pa 17047 | 1100 Montour Road Loysville, Pa 17047 | 1100 Montour Road Loysville, Pa 17047 | 3626 Shermans Valley Road Loysville, PA 17047 | 106 Center Drive New Bloomfield PA 17068 | 807 Sunbury Path Millerstown, PA 17062 |
| A. WASTE GENERATION | | | | | | | | |
| 1. | Average annual ICW generated lbs/yr | 1500 | 25.2 | 25 | 60 | 180 | | 110 |
| 2. | Does your definition of ICW include all "red bag" waste? (Y/N) | yes | yes | yes | yes | yes | yes | yes |
| | If not, define IC waste | | | | | | | |
| 3. | How do you manage waste? | outside contractor | outside contractor | outside contractor | outside contractor | outside contractor | outside contractor | outside contractor |
| | On site treatment: Description | | | | | | | |
| | Outside contractor: Description | | | | | | | |
| 4. | Is all the IC waste you reported generated at your facility? (Y/N) | yes | yes | yes | yes | yes | | yes |
| | Do you accept waste from another facility in your health care system? (Y/N) | no | no | no | no | no | no | no |
| | If yes, please describe: | | | | | | | |
| 5. | If your Institution uses an outside contractor, please provide: Name | Conservative Environmental Services, Inc. | Stericycle | Conservative Environmental Services, Inc. | Prestige Delivery Systems | Alpha Bio/Med Services LLC | Curtis Bay Energy | Bio Team |
| | Address: | P.O. Box 745 Mechanicsburg, PA 17055 717-731-6799 | 6951 Allentown Blvd. Suite K Harrisburg, PA 17112 | P.O. Box 745 Mechanicsburg, PA 17055 717-731-6799 | 801 Market Street Philadelphia, PA 19107 939-6808 | 3246 Lincoln Highway East, Paradise PA 17562 | 3200 Hawking Point Road Baltimore MD 21226 | 6 East Kendig Road Willow Street PA 17584 |
| | Processing/Disposal Method: | use sharps containers, red bag - picked up every 4 weekss | use sharps containers, red bag - picked up every 4 weekss | use sharps containers, red bag - picked up every 4 weekss | use sharps containers, red bag - picked up every 4 weekss | Autoclave sterilization | | |
| 6. | Is the management of ICW a problem? | no | no | no | no | no | yes | |
| | Are your teatment / disposal needs adequately met? | adequately met | adequately met | adequately met | adequately met | adequately met | yes | |
| 7. | Do you anticipate changes in the amount of ICW generated at your facility next year? | no | no | no | no | no | no | no |
| 8. | Additional information that might impact your disposal needs, either current or future: | | | | | | | |

Sewage Sludge Survey Results

Perry County Solid Waste Management Plan
Survey Responses
Septic-Sewage Sludge

| | | Countryside Pumping Service | Advanced Septic Services Inc. |
|----|---|--|--|
| | Contact: | Dean Stephens Partner | Rhonda or Mark Owner |
| | Title: | | |
| | Telephone: | 717-444-3246 | 717-789-4548 |
| | Fax: | 206-350-3311 | |
| | Email: | stephens@pa.net | advancedseptic@embarqmail.com |
| | Mailing Address: | 183 Riverview Road Liverpool PA 17045 | 65 Richard Lane Landisburg PA 17040 |
| | Physical Location: | 219 Riverview Road Liverpool PA 17045 | same |
| | Physical Location(s) of Truck Staging Areas: | 219 Riverview Road Liverpool PA 17045 | same |
| 1. | Areas Facilities / Served: | portions of Perry, Juniata and Snyder | Perry/Juniata/Cumberland Counties |
| 2. | Services company current provides: | Pump septic and holding tanks | Pump septic tanks/sludge hauling/portable toilet rentals |
| 3. | Amount of sludge collected annually (tons) | 625 | 2+million gallons |
| 4. | Where do dispose / land apply this material? | Land apply in Liverpool(Perry) and Susquehanna (Juniata) Townships | 185 Richard Lane Landisburg Pa 17040 |
| 5. | Any ideas that you would like to share? | None to speak of. | |

WWTP Survey Results

Perry County Solid Waste Management Plan
Survey Responses
WWTP

| | | Stonebridge Health and Rehab. WWTP | Ferry Boat Campsites | Stardust Motel | Bloomfield Boro WWTP | Village Square STP | Creekviews Farms | Landisburg Municipal |
|--|--|--|--|--|---|--|--|--|
| A. GENERAL | | | | | | | | |
| | Contact: | Dan Deitzel | Dwight Binry(sp?) | Dwayne Kocher | Damon Hartman | Brett Brunner | Allen Lupfer | Carolyn Ney |
| | Title: | Administrator | | owner | Operator | owner | owner | Authority President |
| | Telephone Number: | 717-834-4111 | 717-337-0282 | 717-834-9883 | 717-574-2615 | 717-433-6538 | 717-582-4072 | 717-789-3938 |
| | Fax: | 717-834-6332 | | | 717-582-2989 | 717-582-3251 | 717-582-0070 | 717-789-2022 |
| | Email: | d.deitzel@extendicare.com | | dwaynekocher@yahoo.com | | bbrunner1@comcast.et | lacing@pa.net | |
| | Mailing Address: | 102 Chandra Drive, Duncannon PA 17020 | 2115 Taney Town Road Gettysburg PA 17322 | 3418 Susquehanna Trail Duncannon, PA 17020 | 300 Barnett Woods Rd New Bloomfield, PA 17068 | PO Box 487 Shermansdale, Pa 17090 | 580 Mountain View Road Shermansdale, PA | PO Box 213 Landisburg PA 17040 |
| | Physical Address: | same as above | same(?) Ferry Boat Campsites and Newport Plaza | same | 250 Barnett Woods Rd New Bloomfield, PA | 5282 Spring Road Shermansdale, PA 17090 | Meadow Lane Shermansdale, Pa | |
| 1. | Do you operate more than 1 facility? (Y/N) | No | yes | no | no | no | no | no |
| 2. | Approx. # of households served | | 100 | 23 Motel rooms | 1098 | 24 | | |
| 3. | Location of Facility: | Penn Township | | Watts Township | New Bloomfield | Carroll Township | Carroll Township | Tyrone |
| | Municipalities in Service Area: | Penn Township | | Watts Township | New Bloomfield | Carroll Township | Carroll Township | Tyrone, Landisburg Borough |
| B. WASTEWATER TREATMENT PLANT SLUDGE HANDLING | | | | | | | | |
| 4. | Title/Location of Plant | Stonebridge Health/Rehab.102 Chandra Drive, Duncannon PA 17020 | Ferry Boat Campground/AND Newport Plaza | 3418 Susquehanna Trail Duncannon, PA 17020 | New Bloomfield Boro | same as above | Meadow Lane Shermansdale, Pa | |
| | Design Capacity | 8000/day | 15000/20000 | 3600 GPD | 250,000 GPD | 30,000 | 100,000 | 30,000 GPD |
| | Plant Rating - Peak (GPD) | 8000 | | 1100 | | 12,000 | 60,000 | High Street Extended |
| | Plant Rating - Avg. (GPD) | 3000 | 15000/20000 | 860 | 110,000 | 9,000 | 30,000 | |
| | Projected Flow (10-Year) - Peak (GPD) | | | 1100 | | 3,650,000 | not increasing | We don't know how were going to make it month to month. 10 years ha ha ha |
| | Projected Flow (10-Year) - Avg. (GPD) | 3000 (10,950,000 avg. 10 year) | 1500/4000 | 860 | 4,500,000 | 3,650,000 | | |
| | Qty sludge produced annually (in tons) | 22,000 gallons/year | .5 tons/10tons | 4000/gals | 216,000 gallons/yr | 15000 | 60,000 | 6.03 dry tons |

Perry County Solid Waste Management Plan
Survey Responses
WWTP

| | | Stonebridge Health and Rehab. WWTP | Ferry Boat Campsites | Stardust Motel | Bloomfield Boro WWTP | Village Square STP | Creekviews Farms | Landisburg Municipal |
|-------------------------------------|--|------------------------------------|---|---|---|----------------------------|----------------------------|---|
| | Avg sludge % solids produced | 3% | 1% both | 1% | 2% | | on DEP records | 42.70% |
| | Sludge Handled as a Liquid or a Solid (L/S) | Liquid | Liquid | Liquid | Liquid | Liquid | Liquid | solid |
| | Sludge Disposal or Reuse Site(s) / County location(s) | Walters Services Dauphin PA | ?/Harrisburg Sewer Plant | Baker Septic Disposal (Oaktree Environmental) | Disposal at H'burg Advanced WWTP | Smith Sanitary 717-637-563 | Harrisburg, Dauphin County | Cumberland County Landfill |
| 5. | Does your facility utilize land appl. for sludge? Permitted Landfill? Both? Other? | no | taken to another treatment plant - Harrisburg | no | no land application | No | Harrisburg WWTP | Landfill |
| 6. | Site for land application & amount disposed annually | Walter's Services | n/a | n/a | n/a | n/a | none | n/a |
| 7. | Site of permitted landfill & amount disposed annually | n/a | n/a | n/a | n/a | n/a | none | Cumberland County Landfill - 6 tons |
| 8. | Site of other type of sludge disposal and amount disposed annually at this site | Walter's Services 22,000 gallons | n/a | n/a | H'burg Advanced WWTP, approx. 216,000gal/year | n/a | Harrisburg WWTP | n/a |
| C. ADDITIONAL CONSIDERATIONS | | | | | | | | |
| 9. | What are your long term disposal plans? (5-10 yrs) | Walter's Services | taken to another treatment plant | | Continue to haul to H'burg | n/a | | |
| 10. | Do you see issues with your current practices? | no | no | | Not at this time | no | no | no |
| 11. | Are you looking for assistance with, or changes to, your future sludge handling options? | no | no | | Not at this time | no | no | Why are you asking you have no intention of doing anything. |
| 12. | Provide additional information or issues that will impact your sludge disposal needs | none | | | | n/a | | |

Perry County Solid Waste Management Plan
Survey Responses
WWTP

| | | Stonebridge Health and Rehab. WWTP | Ferry Boat Campsites | Stardust Motel | Bloomfield Boro WWTP | Village Square STP | Creekviews Farms | Landisburg Municipal |
|-------------------------------|--|------------------------------------|----------------------|----------------|--|--------------------|------------------|--|
| D. SEPTAGE INFORMATION | | | | | | | | |
| 13. | a. Do you currently accept septage (tank pumpings) & holding tank waste at your plant? (Y/N) | no | no | no | no | no | no | no |
| | b. If yes, from which municipalities or areas? | | | | | | | |
| | - Any Restrictions? | | | | | | | |
| | - Are you willing to accept additional septage? | | | | | | | |
| | c. If no, are you willing to consider beginning to accept sludge? (Y/N) | no | no | no | no | no | no | no |
| | d. If so, any restrictions? | | | no | | | | no |
| | - Is your plant capable of receiving and treating septage? | | | no | Plant was not designed to take septage. | | | no |
| 14. | Does your facility accept other liquids or semi-solids, such as grease? (Y/N) | no | no | no | no | no | no | no |
| | If yes, how is the material handled? | | | | | | | |
| 15. | List current contracts that you have & price charged to accept / process septage | n/a | n/a | | n/a | | none | |
| 16. | What problems have you noticed, relating to accepting and processing septage at your facility? | n/a | n/a | | n/a | n/a | | |
| 17. | Do you have a plan or approach to address recognized problems | n/a | n/a | | n/a | n/a | | |
| 18. | What are your plans for accepting septage over the next 5 to 10 yrs? | n/a | n/a | | No plans to accept septage or waste outside of Boro limits | n/a | none | No way Jose! |
| 19. | Comments or suggestions? | no | n/a | | No | n/a | | This is just a CYA survey to make the state think your doing something, give us a break! |

Perry County Solid Waste Management Plan
Survey Responses
WWTP

| | | Marysville WWTP | Paradise Mobile Home Park, Inc./Edward Chism | Millerstown WWTP/David Stroup | Liverpool Municipal Authority WWTP | Ranch House Restaurant | TJ's Inc. | Little Buffalo State Park/Steve Wagner |
|--|--|--|--|--|---|--|--|--|
| A. GENERAL | | | | | | | | |
| | Contact: | Lonnie Sarver | Suzanne Hammaker | David Stroup | Harvey Cook | Thomas O'Stepp | Larry Dechisne | Brett Fromm |
| | Title: | Operator | President | Operator | President | owner | CEO TJ's Inc. | Manager |
| | Telephone Number: | 717-957-2903 | 717-443-7797 | 717-589-3834 | 717-444-3521 | 717-834-4710 | 717-373-6204 | 717-567-9255 |
| | Fax: | 717-957-0096 | 1-866-570-5879 | 717-589-3834 | 717-444-3539 | | | 717-567-7420 |
| | Email: | wwtp17053@embarqmail.com | management@pfautzrentals.com | Millerstown@gmail.com | pcrane@pa.net | stepp2tom@aol.com | tjsimpressions1@AOL.com | littlebuffsp@pa.gov |
| | Mailing Address: | 200 Overcrest Road Marysville PA 17053 | PO Box 37 Marysville PA 17053 | PO Box 739 Millerstown PA 17062 | PO Box 357 Liverpool PA 17045 | 133 Old Trail Road Duncannon Pa 17020 | 2620 Susquehanna Trail Newport PA 17074 | 1579 State Park Road Newport PA 17074 |
| | Physical Address: | 737 S. Main Street Marysville PA 17053 | 5A Pfautz Road Duncannon PA 17020 | 10 Juniata Parkway West, Millerstown PA 17062 | 1461 Susquehanna Trail Liverpool PA 17045 | 3456 Susquehanna Trail Duncannon PA 17020 | same as mailing | 2513 Little Buffalo Road Newort PA 17074 |
| 1. | Do you operate more than 1 facility? (Y/N) | no | no | no | no | no | no | no |
| 2. | Approx. # of households served | 1200 | 158 | 300 | 506 | 1 | 1 | 0 |
| 3. | Location of Facility: | Marysville Borough | Wheatfield Township | Greenwood Township | Liverpool | Watts Township | 0 | Juniata Township |
| | Municipalities in Service Area: | Marysville Borough | Wheatfield Township | Millerstown Borough | Liverpool Township and Borough | Watts Township | 0 | Juniata and CenterTownships |
| B. WASTEWATER TREATMENT PLANT SLUDGE H. | | | | | | | | |
| 4. | Title/Location of Plant | Marysville Borough 737 South Main St. Marysville PA 17053 | 53 Mountain Road New Bloomfield, PA 17068 | Millerstown WWTP 110 Juniata Parkway West Millerstown PA 17062 | Liverpool Authority Wastewater Treatment Facility | Watts Township | on site | SBR WWTP/ 2513 Little Buffalo Road Newport PA 17074 |
| | Design Capacity | 1.25 GPD | 42,000 GPD | 0.120 GPD | 0.4375 MGD | 6000 GPD | 6500 | 0.076 MGD |
| | Plant Rating - Peak (GPD) | 295,000 | 21,000 | 0.046 | 437,500 | 6,000 | 2,000 | 76,000 |
| | Plant Rating - Avg. (GPD) | | 14,000 | 0.046 | 175,000 | 6,000 | 900 | 76,000 |
| | Projected Flow (10-Year) - Peak (GPD) | 462,000 | 16,000 | 0.046 | 437,500 | 1,700 | 960,000 peak 10 year | same as now |
| | Projected Flow (10-Year) - Avg. (GPD) | 462,000 | 16,000 | 0.046 | 117,200 | 1,000 | 96,000 avg 10 year | same as now |
| | Qty sludge produced annually (in tons) | 450 tons | 50,000 | 208,000 | 144,000 gal | 10,000 gallons | 2,000 gal | n/a |

Perry County Solid Waste Management Plan
Survey Responses
WWTP

| | | Marysville WWTP | Paradise Mobile Home Park, Inc./Edward Chism | Millerstown WWTP/David Stroup | Liverpool Municipal Authority WWTP | Ranch House Restaurant | TJ's Inc. | Little Buffalo State Park/Steve Wagner |
|-------------------------------------|---|--|---|----------------------------------|--|--|---|---|
| | Avg sludge % solids produced | 17.00% | 3.00% | 1.40% | 1.77% | 1.90% | 1.00% | n/a |
| | Sludge Handled as a Liquid or a Solid (L/S) | solid | liquid | liquid | Liquid | Liquid | liquid | n/a |
| | Sludge Disposal or Reuse Site(s) / County location(s) | Cumberland County Landfill | Walters-own site(Manheim Boro) | Disposal Dauphin County | Harrisburg Advanced Wastewater Treatment Facility/Dauphin Co. | Harrisburg Treatment Plant/ Dauphin County | Perry County Waste Treatment Facility(Baker's pump from system) | n/a |
| 5. | Does your facility utilize land appl. for sludge? Permitted Landfill? Both? Other? | permitted landfill | no | no | no | no | no | no/no |
| 6. | Site for land application & amount disposed annually | | n/a | n/a | n/a | n/a | | n/a |
| 7. | Site of permitted landfill & amount disposed annually | Cumberland County Landfill - 450 tons | n/a | none | n/a | n/a | | n/a |
| 8. | Site of other type of sludge disposal and amount disposed annually at this site | | n/a | none | Harrisburg Advanced Wastewater Treatment Facility/144,000 gals | n/a | | n/a |
| C. ADDITIONAL CONSIDERATIONS | | | | | | | | |
| 9. | What are your long term disposal plans? (5-10 yrs) | | Remain the same. | haul away | Continue hauling liquid sludge | Take to Harrisburg Treatment Palnt | about the same amount as listed | same as now, not enough BOD loading to produce sludge |
| 10. | Do you see issues with your current practices? | no | no | no | no | no | no issues | no |
| 11. | Are you looking for assistance with, or changes to, your future sludge handling options? | no | no | no | no | no | no | no |
| 12. | Provide additional information or issues that will impact your sludge disposal needs | | | | none | | I don't foresee any issues | n/a |

Perry County Solid Waste Management Plan
Survey Responses
WWTP

| | | Marysville WWTP | Paradise Mobile Home Park, Inc./Edward Chism | Millerstown WWTP/David Stroup | Liverpool Municipal Authority WWTP | Ranch House Restaurant | TJ's Inc. | Little Buffalo State Park/Steve Wagner |
|-------------------------------|--|-----------------|---|----------------------------------|---------------------------------------|----------------------------|--|---|
| D. SEPTAGE INFORMATION | | | | | | | | |
| 13. | a. Do you currently accept septage (tank pumpings) & holding tank waste at your plant? (Y/N) | no | no | no | no | no | no | no |
| | b. If yes, from which municipalities or areas? | | | | | | | |
| | - Any Restrictions? | | | | | | | |
| | - Are you willing to accept additional septage? | no | | no | | | no | |
| | c. If no, are you willing to consider beginning to accept sludge? (Y/N) | | no | | no | no | no | no |
| | d. If so, any restrictions? | | | yes | | no | | |
| | - Is your plant capable of receiving and treating septage? | | | no | cannot physically except septage | no | no | |
| 14. | Does your facility accept other liquids or semi-solids, such as grease? (Y/N) | no | no | no | no | no | no | no |
| | If yes, how is the material handled? | | | | | | | |
| 15. | List current contracts that you have & price charged to accept / process septage | n/a | n/a | none | n/a | n/a | none | n/a |
| 16. | What problems have you noticed, relating to accepting and processing septage at your facility? | n/a | never accepted | contamination | n/a | n/a | | n/a |
| 17. | Do you have a plan or approach to address recognized problems | n/a | | no | n/a | n/a | | n/a |
| 18. | What are your plans for accepting septage over the next 5 to 10 yrs? | n/a | n/a | no plans | no plans to accept septage | continue current practices | No plans to accept any outside septage other than what we produce. | No plans to accept septage. |
| 19. | Comments or suggestions? | none | | | no | | no | no |

Recyclable Material Collected by Hauler

Cocolamus Creek Disposal Recycling Material Collected in Buy-A-Bag Program

- Aluminum foil, food & beverage containers.
- Glass food & beverage containers in: Clear, Brown and Green
- Natural and pigmented plastic narrow-neck containers with symbols 1, 2, (milk bottles, water bottles, detergent bottles, shampoo bottles, bleach bottles, etc.)
- Ferrous (Iron, Steel & Tin) cans
- Newsprint – black and white or pigmented
- Construction Paper, Kraft Paper, Cereal Boxes, Shoe Boxes or similar items
- Printer, Computer & Copy Paper
- Junk Mail, Magazines, Catalogs & Phone Books
- Corrugated Cardboard
- Various Metal Household Items

Sylvester's Disposal Recycling Material Collected

- Cardboard
- Office paper (white and colored)
- Newspaper and magazines
- Glass bottles and jars
- Junk mail
- File folders
- Computer paper
- Aluminum cans
- Tin cans
- #1 Plastic bottles (water and soda)
- #2 Plastic containers (milk and detergent)
- Phone books
- Envelopes (manila, regular & windowed)

Advanced Disposal Recycling Material Collected

- Cardboard
- Paper
- Food boxes
- Mail
- Beverage Cans
- Food cans
- Jars (glass and plastic)
- Jugs
- Plastic bottles and caps (#1 - #7)
- Glass bottles

**Buy-A-Bag Locations for CCD
in Perry County**

Buy-A-Bag Locations for CCD Waste and Recycling Bags

| Location | Municipality |
|--------------------------|---------------------|
| Book's Market | Blain |
| The Pantry of Blain | Blain |
| FBF Development | Ickesburg |
| Mt Supply LLC | Ickesburg |
| Campbell's Tire & Auto | Landisburg |
| H & R Wentzel | Landisburg |
| Poppa'z | Landisburg |
| Amanda's Pure and Simple | Liverpool |
| Liverpool Hardware | Liverpool |
| Perry Petroleum Place | Liverpool |
| PDS Grocery | Loysville |
| Stony Ridge | Loysville |
| T & T Bargain Boys | Loysville |
| Bonsall & Sons | Millerstown |
| Millerstown Borough | Millerstown |
| Seibers Garage Inc | Millerstown |
| Bloomfield Pharmacy | New Bloomfield |
| Karn's Food | New Bloomfield |
| Quick Mart | New Bloomfield |
| Amanda Pure & Simple | Newport |
| Bitting's Inc | Newport |
| Espresso Yourself | Newport |
| Newport Beverage | Newport |
| Sharar's Grocery | Newport |
| Amanda's Pure & Simple | Shermansdale |
| Smoke Shop | Shermansdale |
| The Market Place | Shermansdale |
| Village Square BP | Shermansdale |

**List of Items Accepted by
Goodwill Keystone Area**

Buy Online or Call 1-800-WWW-DELL

[Premier Login](#)[Company](#)[Community](#)[My Account](#)[Keyword Search](#)[Search](#)[Company](#)[Corporate Social Responsibility](#)[Environment](#)[Recycling your Dell](#)

Dell Reconnect: Items We Accept

Dell Reconnect accepts any brand of used computer equipment in any condition. We also accept just about anything that can be connected to a computer.

Monitors

If the glass is broken, place the monitor in a cardboard box lined with a large plastic garbage bag. Seal the box and clearly label it with "broken monitor" and the date.

Computers (Desktop & Laptop)

See Hard Drives, below.

Printers

Including laser & inkjet

Scanners

If the glass is broken, place the scanner in a cardboard box lined with a large plastic garbage bag. Seal the box and clearly label it with "broken scanner" and the date.

Hard Drives (External or Internal)

Dell and Goodwill Industries do not accept liability for lost or confidential data or software. You are responsible for backing up any valuable information and erasing sensitive data from the hard drive before dropping it off. (If you want to completely erase the hard drive, you can find a number of free services available online.)

Keyboards

Wired or wireless

Mice

Wired or wireless

Speakers

With or without cables

Cords & Cables

Including power cords & USB cables

Ink and Toner Cartridges

Full or empty

Software

Please include the license key.

Please contact your local Goodwill to see the following items are accepted.

Televisions

Cell phones

Tablets

More Information

- [About Us](#)
- [Find a Location](#)
- [Contact Us](#)
- [How it Works](#)

Related Articles

[Dell Reconnect](#)

[Recycle with Dell Reconnect](#)

[Dell Reconnect: Donate any brand of computer to Goodwill](#)

Latex Paint Disposal Information

Managing Leftover Latex Paint

If you cannot save, use up, donate or exchange your leftover paint, the following instructions can be followed to dispose of the unwanted LATEX paint properly:

- If the paint has dried, remove the lid and place the container in a plastic trash bag and seal the bag. Then place the sealed bag with your other household trash.
- If the paint is in liquid form allow the leftover latex-based paint to solidify or dry away from children or pets in a well ventilated area.
-
- One method of drying is to add absorbent material such as shredded newspaper, sand or cat box filler to speed drying. Some paint stores also sell a [waste paint hardener](#). Check your local paint store for availability. Once the paint is hardened or thickened, place in a plastic trash bag and seal. Then include with regular household trash.
- Because of the size and weight, it is recommended that no more than 2 prepared unwanted/unusable paint containers be placed with the trash per collection day.
- Steel paint cans that are clean and empty may be recycled by placing them in your curbside recycling bins without the lid.
- Consumers should buy only the paint they need. Source reduction is the best way to avoid having a paint disposal problem.
- Consumers can store paint so it lasts for years. Leftover paint is not a waste product. When properly stored, paint can last for years until it can be used up. Follow the directions below:
 1. Cover the opening of the can with plastic wrap.
 2. Securely fit the lid on the can so it does not leak.
 3. Store the paint can upside down until it is needed again - the paint will create a seal and stay fresh for years!
- Paint is not meant to be thrown away. Consumers should use it up. Properly stored leftover paint can be used on touch-up jobs and small projects. Also, similar colors of latex paint can be blended for use on jobs that the final finish is not critical.
- Leftover paint can be donated or exchanged. Consumers are encouraged to donate leftover paint to community groups, theater groups, schools, churches or others who need or want it. Consumers also are encouraged to participate in neighbor-to-neighbor or community wide paint exchanges/swaps.

Smoke Detector Disposal Information



Residential Smoke Detector Disposal

Most residential smoke detectors contain low levels of radioactive material which should be properly disposed. Alpha particles emitted by the radioactive material

ionize the air, making the air conductive and allowing a small electrical current to pass. Any smoke particles that enter the unit reduce this current and set off an alarm. Despite the fact that these devices save lives, the question "are smoke detectors safe?" is still asked by those with a fear of radiation. The answer, of course, is "Yes, they are safe." Instructions for proper installation, handling, and disposal of smoke detectors are found on the package. The detectors have a limited life span, usually specified at ten years, so eventually they must be properly disposed.



Note: Change your batteries spring and fall when you change your clock.

Radioactive Material

The most common type of smoke detector contains a small amount of radioactive Americium-241. On your wall this presents no danger. However, when broken open in a landfill, the material can pose a health hazard. It is even worse in an incinerator. Americium is toxic and for this reason all detectors must, by law, be labeled as to radioactive content. In addition, the detector companies must accept returned radioactive detectors for disposal as hazardous waste. Unfortunately the companies seem to assume you'll keep the instruction booklet on hand for the entire life of the product, and don't always put good contact information on the case.

If you can't find an address on the detector contact First Alert Corporation. They make the vast majority of smoke detectors. Call them at 1-800-392-1395 and ask for a return material authorization number. With that number you can mail them your old detector. They charge about \$1.00 for each detector. Other detectors are made by a Canadian firm called American Sensors, call 1-800-387-4219 for information. Both of these companies sell detectors under many different brand names.

The environmentally appropriate disposal method is to return them to the manufacturer so that the radioactive material may be recycled and reused.

CDRA Definition

Covered Device Recycling Act

"Covered Device Recycling Act" (House Bill 708), Act 108 of 2010 - An Act establishing a recycling program for certain covered devices; imposing duties on manufacturers and retailers of certain covered devices; providing for the powers and duties of the Department of Environmental Protection and for enforcement; establishing the Electronic Materials Recycling Account in the General Fund; and prescribing penalties.

"Covered device." A covered computer device and covered television device marketed and intended for use by a consumer.

- Covered computer device - A desktop or notebook computer or computer monitor or peripheral, marketed and intended for use by a consumer.
- Covered television device - An electronic device that contains a tuner that locks on to a selected carrier frequency and is capable of receiving and displaying television or video programming via broadcast, cable or satellite, including, without limitation, any direct view or projection television with a viewable screen of four inches or larger whose display technology is based on cathode ray tube, plasma, liquid crystal, digital light processing, liquid crystal on silicon, silicon crystal reflective display, light emitting diode or similar technology marketed and intended for use by a consumer primarily for personal purposes.
- Peripheral - A keyboard, printer or any other device sold exclusively for external use with a computer that provides input into or output from the computer.

DEP Central Office Contacts

Division of Waste Minimization and Planning
Bureau of Waste Management
PA Department of Environmental Protection
14th Floor Rachel Carson State Office Building
PO Box 8472
Harrisburg PA 17105-8472
717-787-7382

Larry Holley-- Division Chief, Waste Minimization and Planning
Georgia Kagle--Chief, Waste Reduction and Resource Management Section
Vacant--Covered Device Recycling Program

PADEP CDRA Overview

The Covered Device Recycling (Act 108) of 2010 (CDRA) A General Overview

Electronic products constitute one of the fastest growing streams of today's consumer and commercial waste. In November 2010, the Pennsylvania General Assembly passed the CDRA, which establishes a number of requirements for individuals and entities involved throughout the life cycle of certain "covered" electronic devices. Covered devices include: **desktop computers, laptop computers, computer monitors, tablets, computer peripherals, televisions and e-readers that contain a browser and have internet connectivity.**

Outlined below are requirements that address the manufacture, sales, and end-of-life collection, management and recycling of covered devices in Pennsylvania.

- **Manufacturers** of covered devices offered for sale in Pennsylvania:
 - Must annually register their covered device brands with the Department of Environmental Protection (DEP), and affix brand labels to their covered devices.
 - Must establish and conduct ongoing recycling programs that offer covered device collection opportunities at no cost to consumers.¹ The term "no cost" means no fee may be charged unless a financial incentive, such as a coupon or rebate, of equal or greater value is provided to the consumer. Ongoing collection programs must be maintained and financed for the entire calendar year. The devices collected through these programs must be properly recycled at certified electronics recycling facilities. The recycling plan must be approved by DEP by Jan. 30 of each year.
 - Must report annual covered device collection and recycling data to DEP.
- **Retailers** that offer covered devices for sale in Pennsylvania:
 - May only sell covered devices that are labeled with a brand registered with DEP.
 - Must notify customers of how and where they can recycle their covered devices.
 - Are not required to offer covered device collection opportunities; but if they do, they must offer them to consumers at no cost. The term "no cost" means no fee may be charged unless a financial incentive, such as a coupon or rebate, of equal or greater value is provided. Any devices collected from consumers must be properly recycled at certified recycling facilities.
- **Electronics Recycling Facilities:**
 - Whether located in or outside of Pennsylvania, facilities that process or recycle covered devices that are collected from consumers through any electronics collection program in Pennsylvania, whether municipal, manufacturer, retailer, etc., must have achieved and maintained one of the following certifications:
 - R2 (Responsible Recycling Practices Standard) Certification.
 - e-Stewards Certification.
 - An internationally accredited third-party environmental management standard for the safe and responsible handling of covered devices.
 - Currently, Pennsylvania's Residual Waste Regulations require electronics processing/recycling facilities located in Pennsylvania to obtain a DEP general permit #WMGR081 (regarding the processing and beneficial use of electronic equipment and components by sorting, disassembling or mechanical processing) prior to processing any electronic devices or electronic waste.
- **The Pennsylvania DEP:**
 - Will post and maintain a list of registered and non-compliant covered device brands on its website for retailers and consumers to access.
 - Will also post on its website and make available via its toll-free recycling hotline (800-346-4242) an up-to-date list of all covered device collection opportunities offered to consumers, including those offered by manufacturers and retailers.
 - Will review manufacturers' covered device collection and recycling plans, and will oversee the implementation of all approved plans to ensure compliance with the CDRA.

¹ The CDRA defines a consumer as "An occupant of a single detached dwelling unit or a single unit of a multiple dwelling unit who has used a covered device primarily for personal or small business use. For purposes of this definition, a small business is an entity that is independently owned or operated, employs 50 or fewer people, has purchased or leased a covered computer device from a computer manufacturer or retailer and, but for the program established under this act, would not otherwise have access to electronic recycling programs."

- Will encourage the use of existing covered device collection infrastructure to the extent that it is available to at least 85 percent of the state's population, is cost effective, and is environmentally sound.
- Will organize and coordinate public education and outreach regarding the recycling of covered devices, including assisting retailers as necessary in the conduct of their public education and outreach efforts.

A disposal ban on covered devices exists in Pennsylvania. From this point forward, no person may dispose of a covered device, or any of its components, with their municipal solid waste. These devices and their components must be properly recycled and may not be taken to, nor accepted by, landfills or other solid waste disposal facilities for disposal. However, non-hazardous residuals of covered devices that are produced during the recycling of those devices are excluded from the disposal ban. The effects of the disposal ban are outlined below.

- **Consumers:** The CDRA defines a consumer as "An occupant of a single detached dwelling unit or a single unit of a multiple dwelling unit who has used a covered device primarily for personal or small business use. For purposes of this definition, a small business is an entity that is independently owned or operated, employs 50 or fewer people, has purchased or leased a covered computer device from a computer manufacturer or retailer and, but for the program established under this act, would not otherwise have access to electronic recycling programs."
 - May not dispose of their covered devices with municipal waste.
 - Must take their covered devices to an electronics collection location for proper recycling, place their covered devices for curbside collection if a specific electronics collection program is offered or utilize an approved mail-back program to recycle their covered devices.
- **Businesses:**
 - May not dispose of their covered devices with municipal waste.
 - Will need to recycle their covered devices. For businesses, the recycling facility to which covered devices are transferred does not need to be certified. If the facility is located in Pennsylvania, it must have a general permit WMGR081 from DEP.
- **Landfills and Resource Recovery Facilities:**
 - May not accept covered devices or their components for disposal. However, they may accept non-hazardous residuals produced during the recycling of covered devices.
 - Owners and operators of landfills will not be found in violation of the CDRA provided they make a good faith effort to comply with the Act; post, in a conspicuous location at the facility, a sign stating that covered devices and their components will not be accepted; and notify, in writing, all collectors registered to deposit solid waste to the facility that covered devices and their components will not be accepted at the facility.
- **Haulers:**
 - May not intentionally accept covered devices for disposal from any source of waste, and may not knowingly commingle covered devices with waste destined for disposal.
 - Covered devices that are collected from consumers through electronics collection programs in Pennsylvania must continue to be transferred to certified electronics recycling facilities.
 - If a hauler is affiliated with a Manufacturers Recycling plan and/or program they may not charge a consumer for the collection, transportation or recycling of covered devices.

For more information on the CDRA, visit www.dep.state.pa.us (select 'Electronics Recycling' from the 'DEP Programs A - Z' menu), or contact the **Recycling Hotline** at 800-346-4242, or contact:

Pennsylvania Department of Environmental Protection
Bureau of Waste Management
Division of Waste Minimization and Planning
Rachel Carson State Office Building
P.O. Box 8472
Harrisburg, PA 17105-8472
Telephone: 717-787-7382

For more information, visit www.dep.state.pa.us, keyword: Electronics Recycling.

PADEP Electronics Recycling Information

RECYCLING OF COMPUTERS, COMPUTER MONITORS, TELEVISIONS AND OTHER ELECTRONIC DEVICES

Many consumer electronic products contain heavy metals such as lead, cadmium and mercury as well as other materials that are better kept out of the environment. In fact, the typical cathode ray tube computer monitor (non-flat screen model) contains four to seven pounds of lead. Televisions, depending on their size, may contain even more lead.

The Covered Device Recycling Act

A state law was passed in November 2010, the Covered Device Recycling Act (Act 108 of 2010), or CDRA, which addresses the recycling and disposal of certain "covered" electronic devices in Pennsylvania. ***"Covered Devices" include desktop and laptop computers, computer monitors, computer peripherals, tablets, televisions and e-readers that have a browser and internet connectivity.***

The most notable impacts of the CDRA on Pennsylvania residents are the establishment of state-specific manufacturer collection and recycling programs for covered devices and a disposal ban.

Manufacturer Recycling Programs - Since Jan. 1, 2012, manufacturers of covered devices sold or offered for sale in Pennsylvania are required to make collection programs available to Pennsylvania residents for the recycling of their covered devices. Though not required, retailers may also offer collection programs. Both manufacturer and retailer collection programs for covered devices must be free of charge, unless a coupon, rebate or other financial incentive of equal or greater value is supplied.

Disposal Ban - Effective Jan. 24, 2013, landfills and other solid waste disposal facilities in Pennsylvania are no longer allowed to accept covered devices or their components. The CDRA requires that these devices be recycled. The disposal ban may affect the curbside collection of these items by municipal waste pickup programs, unless the program is specific to electronic materials.

Note - Household Hazardous Waste (HHW) programs that collect covered devices for one or more manufacturer-sponsored covered device recycling programs will not be eligible for reimbursement of program costs that are covered by manufacturers under the CDRA. Such costs shall include the program costs for the collection, transportation and recycling of any covered devices that one or more manufacturers has taken responsibility for in order to meet its obligated share. However, costs not mandated to be covered by manufacturers under the CDRA are still eligible for reimbursement under Act 190.

Cost for facilities and equipment will be reviewed on a case-by-case basis. In cases where the predominant costs of the operation are related to the recycling of covered devices, the costs for facilities and equipment will be prorated according to its use.

DEP urges citizens to know the facts to "reduce, reuse and recycle" these and other electronic devices, rather than discard them.

For instance, in the case of computers, DEP strongly recommends that residents:

- **Reduce** the need to purchase a replacement computer by buying one with ample capacity for upgrades, selecting one that offers a buy-back option, or leasing instead of buying.
- **Reuse** a computer, for example, by giving it as a gift for a student graduation or other occasion, by selling it or by donating it to a school or a nonprofit organization.
- **Recycle** a computer by taking it to a collection location that will send it to an electronics recycler.

Why can't electronic devices just be put out with the trash?

On Jan. 24, 2013, a landfill ban on desktop and laptop computers, computer monitors, computer peripherals and televisions went into effect. DEP urges citizens to do their part for the environment by recycling or reusing as many electronic devices as possible in order to limit the number of those items and their hazardous components from entering the environment through landfills and other disposal activities.

If an electronic device that is not included in the ban must be discarded, DEP urges citizens to check with their municipality or county recycling coordinator to find out about local options for proper disposal. To find information on the local county recycling coordinator, visit DEP's website at www.dep.state.pa.us, Select 'Waste,' 'Recycling,' 'Public Resources,' and then 'County Recycling Coordinators,' or contact the Recycling Hotline at 800-346-4242.

Who would want a used computer? It's an old model and it doesn't have many programs.

Remember, "One person's junk is another person's treasure." A friend, children, a non-profit organization or a school might appreciate having an old computer, even if just for word processing.

Where can electronic devices be taken for recycling?

Many electronic items such as cell phones, computers and televisions can be recycled at local retailers that sell the items. The CDRA requires that retailers of computers, computer monitors and televisions provide customers with information on how and where to recycle these devices. Continue to recycle electronics at local municipal or county recycling events.

DEP maintains lists of various electronics recycling opportunities and collection locations on its website including county, municipal, non-profit and retailer and manufacturer sponsored collection programs. To view the current list, visit www.dep.state.pa.us and select 'Electronics Recycling' from the 'DEP Programs A - Z' menu.

Computers shouldn't end up in landfills. What can be done to help?

Encourage friends to join in upgrading their computers when possible or in having their old computers properly recycled. Become aware of those who could benefit from the donation of a computer. Ask the local municipality to consider sponsoring an annual or semi-annual collection of electronics if they do not already do so, or utilize municipal electronics collection events or permanent collection sites if they are already established.

DEP offers grants to municipalities of up to 50 percent of the developmental and operational costs associated with an electronics collection.

Where is there more information?

For more information on the CDRA, visit www.dep.state.pa.us (select 'Electronics Recycling' from the 'DEP Programs A - Z' menu), contact the **Recycling Hotline** at 800-346-4242 or contact:

Pennsylvania Department of Environmental Protection
Bureau of Waste Management
Division of Waste Minimization and Planning
Rachel Carson State Office Building
P.O. Box 8472
Harrisburg, PA 17105-8472
Telephone: 717-787-7382

For more information, visit www.dep.state.pa.us, keyword: Electronics Recycling.

SENATE AMENDED

PRIOR PRINTER'S NOS. 787, 3903, 4308, 4408

PRINTER'S NO. 4465

THE GENERAL ASSEMBLY OF PENNSYLVANIA

HOUSE BILL

No. 708

Session of
2009

INTRODUCED BY ROSS, THOMAS, ARGALL, CARROLL, CLYMER, CREIGHTON, DePASQUALE, FLECK, GEORGE, GIBBONS, HESS, JOSEPHS, MANDERINO, MANN, McGEEHAN, MELIO, MILLER, MILNE, MURT, M. O'BRIEN, O'NEILL, PRESTON, QUINN, REICHLEY, SCAVELLO, SIPTROTH, SONNEY, STERN, VULAKOVICH, WANSACZ, WATSON, HOUGHTON, FREEMAN, BRIGGS, BRADFORD, FRANKEL, M. SMITH, McILVAINE SMITH, GERBER AND KORTZ, MARCH 4, 2009

AS AMENDED ON THIRD CONSIDERATION, IN SENATE, OCTOBER 12, 2010

AN ACT

1 Establishing a recycling program for certain covered devices;
2 imposing duties on manufacturers and retailers of certain
3 covered devices; providing for the powers and duties of the
4 Department of Environmental Protection and for enforcement;
5 establishing the Electronic Materials Recycling Account in
6 the General Fund; and prescribing penalties.

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14 Section 701. Expiration.

15 Section 702. Effective date.

16 The General Assembly of the Commonwealth of Pennsylvania
17 hereby enacts as follows:

18 CHAPTER 1

19 PRELIMINARY PROVISIONS

20 Section 101. Short title.

21 This act shall be known and may be cited as the Covered
22 Device Recycling Act.

23 Section 102. Definitions.

24 The following words and phrases when used in this act shall
25 have the meanings given to them in this section unless the
26 context clearly indicates otherwise:

27 "Brand." Symbols, words or marks that identify a covered
28 device, rather than any of its components.

29 "Computer." A desktop or notebook computer. The term does
30 not include an automated typewriter, professional workstation,
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1 server, mobile telephone, portable handheld calculator, portable
2 digital assistant, MP3 player or other similar device.

3 "Computer manufacturer." A person:

4 (1) who manufactures covered computer devices to be sold
5 under its own brand as identified by its own brand label;

6 (2) who sells covered computer devices manufactured by
7 others under its own brand as identified by its own brand
8

monitoring, antiterrorism, emergency services purposes or
equipment designed and intended primarily for use by
professional users;

(3) a device that is contained within a clothes washer,
clothes dryer, refrigerator, refrigerator and freezer,
microwave oven, conventional oven or range, dishwasher, room
air conditioner, dehumidifier, air purifier or exercise
equipment; or

(4) any of the following:

(i) Telephone of any type, including a mobile phone.

(ii) Personal digital assistant.

(iii) Global positioning system.

"Covered television device." An electronic device that
contains a tuner that locks on to a selected carrier frequency
and is capable of receiving and displaying television or video
programming via broadcast, cable or satellite, including,
without limitation, any direct view or projection television
with a viewable screen of four inches or larger whose display
technology is based on cathode ray tube, plasma, liquid crystal,
digital light processing, liquid crystal on silicon, silicon

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crystal reflective display, light emitting diode or similar
technology marketed and intended for use by a consumer primarily
for personal purposes. The term does not include a covered
computer device OR A MOBILE TELEPHONE.

<--

"Department." The Department of Environmental Protection of
the Commonwealth.

"Desktop computer." An electronic, magnetic, optical,
electrochemical or other high-speed data processing device
which:

(1) Performs logical, arithmetic and storage functions
for general purpose needs which are met through interaction
with a number of software programs contained in the device.

(2) Is not designed to exclusively perform a specific

type of limited or specialized application.

15 (3) Achieves human interface through a stand-alone
16 keyboard, stand-alone monitor or other display unit and a
17 stand-alone mouse or other pointing device and is designed
18 for a single user.

19 (4) Has a main unit that is intended to be persistently
20 located in a single location, often on a desk or on the
21 floor.

22 "MANUFACTURER." A COMPUTER MANUFACTURER OR A TELEVISION
23 MANUFACTURER.

24 "Market share." An estimate of the total weight of a
25 ~~television~~ manufacturer's sales of covered ~~television~~ devices
26 during the previous program year calculated by multiplying the
27 weight of its covered ~~television~~ devices sold nationally times
28 the quotient of this Commonwealth's population divided by the
29 national population.

30 "New covered device." A covered device ~~or a covered~~
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<--

<--

<--

<--

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1 ~~television device~~ that is manufactured after the effective date
2 of this section.

3 "Notebook computer." An electronic, magnetic, optical,
4 electrochemical or other high-speed data processing device
5 which:

6 (1) Performs logical, arithmetic or storage functions
7 for general purpose needs which are met through interaction
8 with a number of software programs contained in the device.

9 (2) Is not designed to exclusively perform a specific
10 type of limited or specialized application.

11 (3) Achieves human interface through a keyboard, video
12 display greater than four inches in size and mouse or other
13 pointing device, all of which are contained within the
14 construction of the unit which comprises the notebook
15 computer.

16 (4) Can be carried as one unit by an individual.

17

(5) May include a supplemental stand-alone interface
device.

(6) May use external, internal or batteries for a power
source.

The term does not include a portable handheld calculator,
portable digital assistant or similar specialized device.

"Obligated share." The proportion of covered ~~computer~~
devices that reflects a manufacturer's ~~returns share or covered~~
~~television devices that reflects a manufacturer's~~ market share
responsibility under this act.

~~"Orphan device." A covered computer device for which no~~
~~manufacturer may be identified.~~

"Peripheral." A keyboard, printer or any other device sold
exclusively for external use with a computer that provides input
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into or output from the computer. The term does not include
adaptive or assistive technologies.

"Person." An individual, trust, firm, joint stock company,
business concern, corporation, government agency, partnership,
limited liability company or association.

"Program year." A full calendar year beginning on or after
January 1, 2011.

"Purchase." The taking by sale of title in exchange for
consideration.

"Recycling." A process by which covered devices that would
otherwise become solid waste or hazardous waste are collected,
transported, separated and processed, including disassembling,
dismantling or shredding, to be returned to use in the form of
raw materials or products in accordance with environmental
standards established by the Department of Environmental
Protection.

"Retail sales." The sale of covered devices through sales
outlets, via the Internet, mail order or other means, regardless
of whether the retailer has a physical presence within this

Commonwealth.

21 "Retailer." A person who offers for sale, other than for
22 resale by the purchaser, new covered devices in this
23 Commonwealth by any means, including, but not limited to, sales
24 outlets, catalogs or the Internet.

25 ~~"Return share." The proportion of covered computer devices~~ <--
26 ~~for which an individual manufacturer is responsible to collect,~~
27 ~~transport and recycle.~~

28 ~~"Return share in weight." The total weight of covered~~
29 ~~computer devices for which a manufacturer is responsible to~~
30 ~~collect, transport and recycle.~~

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1 "Sale" or "sell." A transfer for consideration of title,
2 including, but not limited to, a transaction conducted through a
3 sales outlet, catalog, the Internet or any other similar
4 electronic means. The term does not include a lease.

5 "Secretary." The Secretary of Environmental Protection of
6 the Commonwealth.

7 "Television manufacturer." A person who:

8 (1) manufactures covered television devices to be sold
9 under its own brand as identified by its own brand label or
10 BEING sold under a brand it ~~licenses~~ IS LICENSED TO USE; <--

11 (2) sells covered television devices manufactured by
12 others under its own brand as identified by its own brand
13 label; or

14 (3) assumes the duties imposed on a television
15 manufacturer under this act.

16 CHAPTER 3

17 DUTIES OF MANUFACTURERS AND RETAILERS

18 Section 301. Applicability.

19 The collection, transportation and recycling provisions of
20 this act shall apply only to covered devices used by and
21 collected from a consumer in this Commonwealth.

22 Section 302. Sales prohibition.

23

(a) General rule.--No manufacturer and, no later than 12
24 months after the effective date of this section, no retailer may
25 sell or offer for sale in this Commonwealth a new covered device
26 unless the brand is included on the list of registered
27 manufacturers and their brands maintained by the department
28 pursuant to subsection (b).

(b) List to be maintained by department.-- No later than six
30 months after the effective date of this section, the department
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1 shall maintain a list of each registered manufacturer, the
2 brands of all covered devices reported in each manufacturer's
3 registration and the brands of covered devices for which no
4 manufacturer has registered and post the list on the
5 department's Internet website.

6 (c) Duty of retailers to consult list.--

7 (1) Beginning no later than 12 months after the
8 effective date of this section, a retailer of new covered
9 devices to be offered for sale in or into this Commonwealth
10 shall consult the list prior to selling new covered devices
11 in this Commonwealth.

12 (2) A retailer shall be considered to have complied with
13 paragraph (1) if, on the date that the new covered device was
14 ordered ~~from~~ BY the retailer, the brand was on the list of <--
15 registered manufacturers and is posted on the Internet
16 website identified in subsection (b).

17 Section 303. Labeling requirement.

18 On or after the effective date of this section, no
19 manufacturer or retailer may sell or offer for sale in this
20 Commonwealth a new covered device unless it is labeled with the
21 manufacturer's brand whether owned or licensed.

22 Section 304. Registration.

23 (a) Manufacturers registration.--

24 (1) A manufacturer of new covered devices offered for
25 sale in this Commonwealth shall register with the department
26

by January 30, 2011, or six months after the effective date
of this section, whichever is later, and pay a registration
fee of \$5,000.

(2) After January 30, 2011, or six months after the
effective date of this section, whichever is later, if a

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manufacturer has not previously filed a registration, the
manufacturer shall file a registration with the department
prior to any offer for sale or delivery in this Commonwealth
of the manufacturer's new covered devices and shall pay to
the department a registration fee of \$5,000.

(3) A registered manufacturer shall submit an annual
renewal of its registration to the department and pay to the
department a registration fee of \$5,000 by January 1 of each
program year. The registration and each annual renewal shall
include a list of all brands the manufacturer is using on its
covered devices regardless of whether the manufacturer owns
or licenses the brand, and shall be effective upon receipt by
the department.

~~(b) Reporting by manufacturers.~~

<--

~~(1) In addition to reporting all brands under which its
covered devices are offered for sale, regardless of whether
the manufacturer owns or licenses the brand, the
manufacturer's annual report to the department shall include
an estimate of the total weight of its covered television
devices sold to households during the previous year
calculated by multiplying the weight of its covered
television devices sold nationally times the quotient of this
Commonwealth's population divided by the national population.
The report required under this paragraph shall be submitted
to the department upon initial registration and then by
January 30 each year thereafter.~~

~~(2) When a manufacturer or group of manufacturers
conducts its own collection, transportation and recycling~~

~~program for covered devices, the manufacturer or group of~~
30 ~~manufacturers shall submit a report to the department~~
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1 ~~annually by January 30, beginning the year after the program~~
2 ~~is initiated. The report shall consist of the total weight of~~
3 ~~covered devices collected from consumers in this Commonwealth~~
4 ~~by the manufacturer or group of manufacturers during the~~
5 ~~previous program year and documentation verifying collection~~
6 ~~and recycling of such devices.~~

7 ~~(c) Sales data.-- Any national sales data submitted by a~~
8 ~~television manufacturer to the department to fulfill its~~
9 ~~obligations under this act shall be exempt from disclosure under~~
10 ~~the provisions of the act of February 14, 2008 (P.L.6, No.3),~~
11 ~~known as the Right To Know Law, and shall not be disclosed by~~
12 ~~the department unless otherwise required by law or court order.~~

13 (B) (RESERVED). <--

14 Section 305. Manufacturer plan and reporting.

15 (a) Collection, transportation and recycling plan.--

16 (1) A manufacturer shall establish, conduct and manage a
17 plan to collect, transport and recycle a quantity of covered
18 ~~computer~~ devices equal to the manufacturer's market share. <--
19 The plan shall be submitted to the department for review.

20 (2) A group of manufacturers may submit a joint plan to
21 collect, transport and recycle the manufacturer's market
22 share.

23 (b) Contents of plan.--The plan required under subsection
24 (a) shall include:

25 (1) Methods that will be used to collect the covered
26 devices, including the name and locations of proposed
27 collection sites.

28 (2) The processes that will be used to recycle,
29 including a description of the recycling processes that will
30 be used and the names and locations of recyclers to be

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1 directly utilized by the plan.

2 (3) Means that will be utilized to publicize the
3 collection opportunities, including specification of an
4 Internet website address or toll-free telephone number that
5 provides information about the manufacturer's program in
6 sufficient detail to allow consumers to learn how to return
7 their covered devices for recycling.

8 (4) The intention of the manufacturer or each
9 manufacturer to fulfill its obligated share under this act,
10 through operation of its own program, either individually or
11 with other manufacturers as a group.

12 (5) A listing of all collection sites for covered
13 devices.

14 (6) FOR AN INITIAL PLAN SUBMITTED BY A MANUFACTURER OR
15 GROUP OF MANUFACTURERS, AN ESTIMATE OF THE WEIGHT OF COVERED
16 DEVICES TO BE COLLECTED DURING THE FIRST PROGRAM YEAR. THE
17 PLAN SHALL ALSO INCLUDE INFORMATION DEMONSTRATING THE PROCESS
18 BY WHICH THE MANUFACTURER OR GROUP OF MANUFACTURERS WILL
19 INCREASE THE COLLECTION OF COVERED DEVICES BY A MINIMUM OF 2%
20 BY WEIGHT PER YEAR BEGINNING WITH THE SECOND FULL PROGRAM
21 YEAR.

22 (C) REPORTING BY MANUFACTURERS.--

23 (1) (I) IN ADDITION TO REPORTING ALL BRANDS UNDER WHICH
24 ITS COVERED DEVICES ARE OFFERED FOR SALE, REGARDLESS OF
25 WHETHER THE MANUFACTURER OWNS OR LICENSES THE BRAND, THE
26 MANUFACTURER'S ANNUAL REPORT TO THE DEPARTMENT SHALL
27 INCLUDE: AN ESTIMATE OF THE TOTAL WEIGHT OF ITS COVERED
28 DEVICES SOLD TO HOUSEHOLDS DURING THE PREVIOUS YEAR
29 CALCULATED BY MULTIPLYING THE WEIGHT OF ITS COVERED
30 DEVICES SOLD NATIONALLY TIMES THE QUOTIENT OF THIS

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1 COMMONWEALTH'S POPULATION DIVIDED BY THE NATIONAL
2 POPULATION.

3

(II) THE REPORT REQUIRED UNDER THIS PARAGRAPH SHALL
BE SUBMITTED TO THE DEPARTMENT UPON INITIAL REGISTRATION
AND THEN BY JANUARY 30 EACH YEAR THEREAFTER.

(2) WHEN A MANUFACTURER OR GROUP OF MANUFACTURERS
CONDUCTS ITS OWN COLLECTION, TRANSPORTATION AND RECYCLING
PROGRAM FOR COVERED DEVICES, THE MANUFACTURER OR GROUP OF
MANUFACTURERS SHALL SUBMIT A REPORT TO THE DEPARTMENT
ANNUALLY BY JANUARY 30, BEGINNING THE YEAR AFTER THE PROGRAM
IS INITIATED. THE REPORT SHALL CONSIST OF THE TOTAL WEIGHT OF
COVERED DEVICES COLLECTED FROM CONSUMERS IN THIS COMMONWEALTH
BY THE MANUFACTURER OR GROUP OF MANUFACTURERS DURING THE
PREVIOUS YEAR AND DOCUMENTATION VERIFYING COLLECTION AND
RECYCLING OF THE DEVICES.

(D) SALES DATA.--NATIONAL SALES DATA SUBMITTED BY A
MANUFACTURER TO THE DEPARTMENT TO FULFILL ITS OBLIGATIONS UNDER
THIS ACT SHALL BE EXEMPT FROM DISCLOSURE UNDER THE PROVISIONS OF
THE ACT OF FEBRUARY 14, 2008 (P.L.6, NO.3), KNOWN AS THE RIGHT-
TO-KNOW LAW, AND SHALL NOT BE DISCLOSED BY THE DEPARTMENT UNLESS
OTHERWISE REQUIRED BY LAW OR COURT ORDER.

~~(c)~~ (E) Approval of plan.--

<--

(1) The department shall review a plan submitted to it
under subsection (a) and, within 60 days of receipt of the
plan, determine whether the plan complies with the provisions
of this act.

(2) If the department approves the plan, the department
shall notify the manufacturer or group of manufacturers. If
the department rejects the plan, in whole or in part, the
department shall notify the manufacturer or group of

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manufacturers and provide the reasons for the plan's
rejection. Rejection of a plan shall be based on the plan's
failure to provide the information required by subsection
(b).

(3) Within 30 days after receipt of the department's

rejection, the manufacturer or group of manufacturers may
 7 revise and resubmit the plan to the department for approval.

8 ~~(d)~~ (F) Effect of failure to comply with ~~approval~~ APPROVED <--
 9 plan.--

10 (1) (i) If the total weight in pounds of covered
 11 devices collected, transported and recycled during a
 12 program year by a manufacturer or group of manufacturers
 13 is less than the sum of the obligated shares in weight
 14 for that program year of each manufacturer participating
 15 in the plan, the manufacturer or group of manufacturers
 16 shall submit to the department, by March 15 of the
 17 following program year, a payment to cover the cost of
 18 collecting, transporting and recycling the unmet portion
 19 of the sum of the obligated shares in weight.

20 (ii) The payment shall be equal to the quantity of
 21 the unmet portion, in pounds, plus an additional 10% of
 22 such quantity, multiplied by the cost per pound for
 23 collection, transportation and recycling of covered
 24 devices.

25 (iii) All payments collected under subparagraph (ii)
 26 shall be deposited into the ELECTRONIC MATERIALS <--
 27 Recycling ~~Fund~~ ACCOUNT and shall be used to fund the <--
 28 activities under ~~section 501 and other recycling programs~~ <--
 29 ~~within this Commonwealth~~ THIS ACT. <--

30 (2) The department shall:

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1 (i) Determine the average cost for collection and
 2 transportation of covered devices to be used in
 3 calculating the penalties under this paragraph.

4 (ii) No more frequently than annually and no less
 5 frequently than biennially review these costs and shall
 6 publish for public comment any proposed changes to these
 7 costs.

8 ~~(e)~~ (G) Multiple ~~computer~~ manufacturers.-- <--

9

(1) Where more than one person may be deemed the

10 ~~computer~~ manufacturer of a brand of a covered ~~computer~~ <--
 11 device, any one or more such persons may assume
 12 responsibility for and satisfy the obligations of a
 13 manufacturer under this act with respect to covered ~~computer~~ <--
 14 devices bearing that brand.

(2) In the event that no person assumes responsibility
 16 for and satisfies the obligations of a ~~computer~~ manufacturer <--
 17 under this act with respect to covered devices bearing that
 18 brand, for purposes of compliance with these provisions, the
 19 responsible party shall be the person who satisfies paragraph
 20 (1) of the definition of ~~computer~~ manufacturer. <--

21 ~~(f)~~ (H) Construction.--Nothing in this act shall be <--

22 construed to exempt any person from liability that person would
 23 otherwise have under applicable law.

24 Section 306. Retailer responsibility.

(a) Public notice.--A retailer shall notify customers about
 26 the manner in which to recycle a covered device and of the
 27 locations for the collection and return of covered devices. This
 28 notification shall occur either by posting the information
 29 within the retail location, by providing the department's toll-
 30 free telephone number, Internet website or both, or by providing
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1 retailer-developed information.

(b) Compliance.--A retailer shall comply with sections
 3 302(a) and (c) and 303.

4 CHAPTER 5

5 ADMINISTRATION

6 Section 501. Duties of department.

7 The department shall:

(1) Encourage the use of existing collection and
 9 consolidation infrastructure for handling covered devices to
 10 the extent that this infrastructure is accessible on a
 11 regular and ongoing basis to at least 85% of the population
 12

of this Commonwealth, is cost effective and meets the
environmentally sound management requirements of section 506.

(2) Update the list maintained pursuant to section
302(b) upon receipt by the department of a manufacturer's
registration or an annual manufacturer registration renewal.

(3) Organize and coordinate public education and
outreach. The department shall work with retailers to develop
the appropriate public education and outreach materials and
to assist retailers as necessary in the conduct of their
public education and outreach efforts.

(4) Review all plans submitted by a manufacturer or
group of manufacturers for the collection, transportation and
recycling of covered devices.

(5) Oversee the implementation of all approved plans and
take the necessary actions to ensure compliance with approved
plans.

Section 502. Annual report.

The department shall prepare and submit annually to the
General Assembly and post on its Internet website a report that
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includes:

(1) The total weight of covered ~~computer devices or~~
~~covered television~~ devices collected in this Commonwealth
during the previous calendar year.

<--

(2) A complete listing of all manufacturers' collection,
transportation and recycling programs and collection sites
operating in this Commonwealth during the prior calendar
year, the parties that operated them and the amount of
material by weight collected at each site.

(3) An evaluation of the effectiveness of the education
and outreach program.

(4) An evaluation of the existing collection and
processing infrastructure.

(5) Recommendations for expanding the program to include

additional electronic devices. All recommendations shall be
accompanied by an analysis of the positive and negative
aspects along with a cost benefit analysis of the
recommendations.

Section 503. Additional duties.

The department shall:

(1) Maintain an Internet website and toll-free telephone
number complete with up-to-date listings of where consumers
may take covered ~~computer devices or covered television~~
devices for recycling under this act.

(2) No more frequently than annually and no less
frequently than biennially, review the amount of the covered
~~computer device and covered television device recycling and~~
registration fee. ~~Recommended changes to the covered computer~~
~~device and covered television device recycling program and~~
registration fees shall be published in the Pennsylvania

<--

<--

<--

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~~Bulletin. The department shall provide for a 30-day public
comment period on the recommended changes. The department
shall consider all comments received and revise accordingly
any of its original recommendations and changes to the
program or fees, which shall be contained in the annual
report.~~ THE ENVIRONMENTAL QUALITY BOARD MAY PROMULGATE
REGULATIONS TO ADJUST FEES SO THAT THE FEES GENERATE
SUFFICIENT REVENUE REASONABLY NECESSARY TO IMPLEMENT THIS
ACT.

<--

Section 504. Fees for collection or recycling of covered

~~computer~~ devices.

<--

No manufacturer or retailer may charge a fee or cost to a
consumer for the collection, transportation or recycling of a
covered device, unless a financial incentive of equal or greater
value is provided to the consumer. The financial incentive may
be in the form of a coupon or rebate.

Section 505. Environmentally sound management requirements.

(a) General rule.--Covered devices collected through any
 19 program in this Commonwealth, whether by a manufacturer,
 20 retailer, for-profit or not-for-profit corporation or unit of
 21 government, shall be recycled in a manner that is in compliance
 22 with all applicable Federal, State and local laws, regulations
 23 and ordinances and may not be exported for disposal in a manner
 24 that poses a significant risk to the public health or the
 25 environment.

26 (b) Performance requirements.---~~All~~ <--

27 (1) ALL entities shall, at a minimum, demonstrate to the <--
 28 satisfaction of the department ~~compliance with the~~ <--

29 ~~Environmental Protection Agency's: Guidelines for Materials~~

30 ~~Management of the Partnership referred to as Plug-In to~~

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1 ~~eCycling or Responsible Recycling (R2) Practices for use in~~
 2 ~~Accredited Certification Programs as issued or any subsequent~~
 3 ~~revisions or new editions and make this available on the~~
 4 ~~Internet website described in subsection (c) in addition to~~
 5 ~~any other requirements mandated by Federal or State law. THAT~~ <--

6 THE FACILITY TO BE USED TO RECYCLE COVERED DEVICES HAS
 7 ACHIEVED AND MAINTAINED THIRD-PARTY ACCREDITED CERTIFICATION
 8 FROM:

9 (I) THE RESPONSIBLE RECYCLING (R2) PRACTICES

10 STANDARD;

11 (II) THE E-STEWARDS STANDARD; OR

12 (III) AN INTERNATIONALLY ACCREDITED THIRD-PARTY

13 ENVIRONMENTAL MANAGEMENT STANDARD FOR THE SAFE AND

14 RESPONSIBLE HANDLING OF COVERED DEVICES.

15 (2) ALL ENTITIES SHALL PROVIDE INFORMATION ABOUT THEIR

16 CERTIFICATION AND ITS STANDING TO THE DEPARTMENT ALONG WITH

17 ANY OTHER REQUIREMENTS REGARDING THIS SUBSECTION THAT MAY BE

18 MANDATED BY FEDERAL OR STATE LAW. THE DEPARTMENT SHALL MAKE

19 THIS INFORMATION AVAILABLE ON ITS INTERNET WEBSITE.

20 (c) Department to maintain Internet website.--The department

21

shall maintain an Internet website that includes a list of
22 entities and organizations that the department has determined
23 have met the performance requirements.

24 Section 506. Disposal ban.

25 (a) General rule.--Two years after the effective date of
26 this section, no person may place in municipal solid waste a
27 covered device or any of ~~the components or subassemblies thereof~~ <--
28 ITS COMPONENTS, excluding any nonhazardous residuals produced <--
29 during recycling in any solid waste disposal facility.

30 (b) Hold harmless.--An owner or operator of a solid waste
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1 disposal facility shall not be found in violation of this
2 section if such owner or operator has:

3 (1) made a good faith effort to comply with this
4 section;

5 (2) posted in a conspicuous location at the facility a
6 sign stating that covered ~~electronic devices and covered~~ <--
7 ~~television~~ devices or any ~~components thereof~~ OF THEIR <--
8 COMPONENTS shall not be accepted at such facility; and

9 (3) notified, in writing, all collectors registered to
10 deposit solid waste to such facility that such devices or
11 THEIR components shall not be accepted at the facility. <--

12 (c) Definition.--For purposes of this section, "facility"
13 shall have the same meaning given to it in section 103 of the
14 act of July 7, 1980 (P.L.380, No.97), known as the Solid Waste
15 Management Act. The term does not include a transfer station.

16 Section 507. Enforcement.

17 (a) Judicial action.--

18 (1) The Commonwealth, through the Attorney General and
19 the department, may initiate independent action to enforce
20 any provision of this act, including failure by the
21 manufacturer to submit a plan as required in section 305 or
22 to remit the registration fee pursuant to section 304(a) to
23 the department.

24

(2) Any funds awarded by the court shall be used first to offset enforcement expenses. Money in excess of the enforcement expenses shall be deposited into the Electronic Materials Recycling Account and used to support the activities under this act.

(b) Penalties.--

(1) Any manufacturer who fails to label its new covered devices with a brand, as required by section 303, who fails to register with the department and pay a registration fee, as required by section 304(a), may be assessed a penalty of up to \$10,000 for the first violation and up to \$25,000 for the second and each subsequent violation in addition to paying for any fees, payments and penalties required by or imposed pursuant to this act.

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(2) Except as otherwise provided under paragraph (1), any person, including a retailer, who violates any requirement of this act may be assessed a penalty of up to \$1,000 for the first violation and up to \$2,000 for the second and each subsequent violation, in addition to paying for any fees, payments and penalties required by or imposed pursuant to this act.

(3) All penalty moneys collected under paragraphs (1) and (2) shall be deposited into the Electronic Materials Recycling Account and used to support the activities under this act.

(c) Injunctive relief.--A violation of the sales prohibitions of this act may be enjoined in an action in the name of the Commonwealth, brought by the Attorney General.

Section 508. Regulations.

The ~~department~~ ENVIRONMENTAL QUALITY BOARD may adopt rules and regulations as shall be necessary for the purpose of administering this act. The regulations shall be promulgated in accordance with the act of June 25, 1982 (P.L.633, No.181),

<--

known as the Regulatory Review Act.

28 Section 509. Multistate implementation.

29 The department may participate in the establishment and
30 implementation of a regional, multistate organization or compact
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1 to assist in carrying out the requirements of this act.

2 Section 510. Electronic Materials Recycling Account.

3 (a) Establishment.--The Electronic Materials Recycling
4 Account is established as a restricted account in the General
5 Fund. All proceeds resulting from the manufacturer's
6 registration fees, renewal fees, penalties and judicial actions
7 shall be deposited into the account.

8 (b) Uses.--The department may expend the moneys of the
9 Electronic Materials Recycling Account only to carry out the
10 duties imposed on the department under this act.

11 CHAPTER 7

12 MISCELLANEOUS PROVISIONS

13 Section 701. Expiration.

14 (a) Duty of Secretary of Environmental Protection to monitor
15 Federal law.--

16 (1) The secretary shall monitor the enactment of laws by
17 the Congress of the United States to ~~determined~~ DETERMINE <--
18 whether any law has been so enacted that establishes a
19 program directed to the collection and recycling of covered
20 devices.

21 (2) If the secretary determines that such a law is
22 enacted, the secretary shall publish that determination as a
23 notice in the Pennsylvania Bulletin. The notice shall include
24 a statement that the effect of the notice is the immediate
25 expiration of this act as provided under subsection (b).

26 (b) Effect of secretary's determination.--This act shall
27 expire on the date a determination of the secretary under
28 subsection (a) is published in the Pennsylvania Bulletin.

29 Section 702. Effective date.

30

This act shall take effect in 60 days.

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Backyard Composting Information



HOW TO MAKE COMPOST

COMPOSTING

Composting is a technique used to accelerate the natural decay process. The technique converts organic wastes to a mulch which is used to fertilize and condition soil. Leaf waste decomposes naturally in about two years. Composting can take as long as a year or as little as 14 days, depending upon the amount of human control.

COMPOSTABLE MATERIALS

Most yard wastes can be composted, including leaves, grass clippings, plant stalks, vines, weeds, twigs and branches. Compostable food wastes include fruit and vegetable scraps, coffee grounds, eggshells and nutshells. Other compostable materials are hair clippings, feathers, straw, livestock manure, bonemeal and bloodmeal.

Materials should NOT be composted if they promote disease, cause odors, attract pests, or create other nuisances. These include meat, fish, poultry, dairy products, foods containing animal fats, human/pet feces, weeds with developed seed heads, and plants infected with or highly susceptible to disease, such as roses and peonies.

Materials that should be composted only in limited amounts include wood ashes (a source of lime), sawdust (requires extra nitrogen), plants treated with herbicides or pesticides (the chemicals need time for thorough decomposition), and black and white newsprint (composts slowly, so it should comprise no more than 10% by weight of the total pile).

COMPOSTING REQUIREMENTS

1. **SHREDDED ORGANIC WASTES.** Shredding, chopping or even bruising organic materials hastens decay. One way to shred leaves is to mow the lawn before raking, collecting the shredded leaves in the mower bag. It takes at least 34 cubic feet of shredded material to form a compost pile.
2. **GOOD LOCATION.** The compost pile should be located in a warm area and protected from overexposure to wind and too much direct sunlight. While heat and air facilitate composting, overexposure dries the materials. The location should not offend neighbors.
3. **NITROGEN.** Nitrogen accelerates composting. Good sources include fresh grass clippings, manure, bloodmeal and nitrogenous fertilizer. Lime should be used sparingly if at all. It enhances decomposition, but too much causes nitrogen loss, and it usually isn't necessary unless the pile contains large amounts of pine and spruce needles or fruit wastes.
4. **AIR.** The compost pile and its enclosure should be well ventilated. Some decay will occur without oxygen, but the process is slow and causes odors.
5. **WATER.** Materials in the compost pile should be kept as moist as a squeezed sponge. Too little or too much water retards decomposition. Overwatering causes odors and loss of nutrients.

BUILDING AN ENCLOSURE

Enclosing the compost pile saves space and prevents litter. The enclosure should be collapsible or provide an entry large enough to permit the pile to be turned. It should measure at least 4'X4'X4' (a pile under 3 cubic feet generally does not decompose properly), but no taller than 6' (too much weight causes compaction and loss of oxygen). The enclosure can be built of wood, pallets, hay bales, cinder blocks, stakes and chicken wire, or snow fencing. Prefabricated compost bins are also available.

BUILDING THE PILE

Aside from the basic requirements for decomposition and preventing odors and other nuisances, there is no set method for building a compost pile. One technique may be faster than another, but a variety of methods work well. Piles can be built in layers to ensure the proper proportion of carbon (e.g., leaves, woody materials) to nitrogen (grass, fertilizer), but the layers should be thoroughly intermixed after the pile is built.

MAINTENANCE

Turning and mixing the pile with a pitchfork or shovel, or shifting it into another bin, provides the oxygen necessary for decomposition and compensates for excess moisture. A pile that is not mixed may take 34 times longer to decompose. Recommendations for mixing the pile vary from every 3 days to every 6 weeks. More frequent turning results in faster composting. Odors indicate that the pile is too damp or lacks oxygen, and that more frequent turning is necessary.

Occasional watering may be necessary to keep the pile damp, especially in dry weather. Covering the pile with black plastic reduces the need for watering; it also prevents rainwater from leaching out the nutrients.

A pile that is decomposing properly should generate temperatures of 140°-160°F at its center. The heat kills most weed seeds, insect eggs and diseases. The pile should be turned when the center begins to cool. Turning the pile maintains the temperature and ensures that all material is exposed to the center heat. When the compost is finished, the pile will no longer heat up.

Small amounts of fresh materials may be added but should be buried inside the pile to avoid pests and speed composting. It is better to add fresh materials to a new pile.

FINISHED COMPOST

Finished compost is dark brown, crumbly, and has an earthy odor. Depending upon seasonal temperatures, a well-built, well-tended pile generally yields finished compost in 2 weeks to 4 months. An unattended pile made with unshredded material may take longer than a year to decompose.

SAMPLE INSTRUCTIONS FOR FAST COMPOSTING *

- shredded leaves (about 2/3 by volume)
- fresh grass clippings (about 1/3 by volume, or slightly more for faster decomposition)
- kitchen scraps (grind in blender)

Begin the pile with a 4" layer of leaves. Add a 2" layer of grass clippings. Repeat the layers until the pile

is about 4' high, then add the kitchen scraps.

Chop vertically through the pile with the tines of a pitchfork to thoroughly bruise and mix the materials. Add just enough water to moisten the pile, then cover it with a black plastic garbage bag. Using the same chopping technique, turn the pile on the second day after the pile is built, again on the fourth day, then every three days until the compost is finished. Except in dry weather, no further watering should be necessary.

The compost should be finished in about two weeks.

ALTERNATE COMPOSTING METHODS

Compost can be made in a garbage can, barrel or drum** that has a secure lid. Drill holes in the sides and bottom of the container to allow for air circulation and water drainage, and place it upright on blocks. Fill 3/4 of the container with organic wastes, add a little nitrogenous fertilizer (about 1/4 cup for a 55gallon barrel), and moisten the materials. Every few days shake the container or turn it on its side and roll it to mix the compost. The lid should be removed after turning to allow air penetration. This method yields finished compost in about 24 months.

Another method is to use a 30 or 40gallon plastic garbage bag. Fill the bag with organic materials, nitrogen and lime (one cup per bag helps counteract acidity caused by anaerobic composting). Shake well to mix materials. Add about 1 quart of water and close the bag tightly. Bags can be stored outdoors in the summer and in a heated basement or garage during the winter. No turning or additional water is necessary. The compost should be finished in about 6 12 months.

** Instructions are based on composting techniques presented in Make Compost in 14 Days, Rodale Press, Inc., Emmaus, PA 18049 (1982).*

*** Do not use any container that once held toxic chemicals.*

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Department of Environmental Protection
Bureau of Land Recycling and Waste Management
Division of Waste Minimization and Planning
Recycling and Markets Section
PO Box 8472
Harrisburg, PA 17105-8472

recyclepa@state.pa.us

Hotline Number in Pennsylvania only: 800-346-4242

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Grasscycling Information

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GRASSCYCLING

IT'S OK TO "LET IT LAY"

Did you know that a 1/2-acre lawn in Pennsylvania produces more than three tons--nearly 260 bags--of grass clippings each year? Think of all the time, money and effort it takes to bag all those clippings. Why go through all that hassle when it's not necessary?

YOU CAN HAVE A HEALTHY GREEN LAWN BY LEAVING GRASS CLIPPINGS WHERE THEY FALL.

It's simple. Grass clippings left on the lawn decompose and act as a natural organic fertilizer. This lets you reduce the amount of commercial fertilizer you need to apply. Your lawn will remain healthy and green because each time you mow, you will be returning valuable nutrients to the soil.

MOWING TECHNIQUES & TIPS

- **Any mower can recycle grass clippings.** Just remove the grass catcher. Ask your lawn mower dealer if you need a special safety plug or adapter kit to convert your mower into a "recycling" mower. Installing a mulching blade also is helpful.
- **Never cut off more than 1/3 of the grass blade in one mowing.** Keep grass mowed to 2" in early spring, gradually raise the height to 3-4" by summer, then gradually reduce to 2" by late fall.
- **Mow when the grass is dry.**
- **Keep your mower blade sharp.** Dull mowers tear the grass blade, injure the plant and cause a brownish cast to the turf.
- If the grass gets too high, **mow over the clippings a second time** to further shred and scatter them.
- To prevent excess growth between mowings, **raise the mower height**, mow, **then gradually lower it** over a span of several mowings. This will help prevent shock to the plants.
- When it's time to replace your mower, **consider a mulching, recycling or nonpolluting reel mower.** All of them do a good job of shredding and scattering grass clippings.

WHAT ABOUT THATCH?

Thatch, a matted layer of dead roots and stems, usually is caused by too much water and fertilizer. Clippings don't produce thatch because they are 80 percent water and decompose quickly. A thatch layer of more than 1/2" should be removed.

USES FOR CLIPPINGS

- **COMPOST.** Fresh clippings should compose no more than 1/3 of the compost pile. They are an excellent source of nitrogen. Mix thoroughly with "brown" materials such as leaves or straw and turn the pile regularly to aerate it and prevent odors.
- **MULCH.** Pile about 1" of dried clippings on the soil to reduce weeds and moderate soil temperature. Mulching also controls erosion, run-off and evaporation. If using herbicides, wait at least two mowings after treating the lawn to use the clippings.
- **SOIL ADDITIVE.** Mixing fresh grass clippings into the garden improves soil texture, promotes moisture retention and adds nutrients and organic matter. About once a month, turn a 2" layer of

grass into the soil to a depth of 6".

FERTILIZER APPLICATION

Most grasses need modest amounts of nitrogen for controlled growth and good color. Too much fertilizer increases growth and results in more frequent mowing.

It is best to fertilize around Labor Day and again at the end of October. Fall fertilization promotes a vigorous root system and helps the plant survive winter, but does not lead to the excessive top growth of spring fertilization. Apply only 1/2 pound of nitrogen per 100 square feet of lawn. To calculate how many pounds of fertilizer should be applied per 1,000 square feet, divide 100 by twice the percentage of nitrogen (N) in the fertilizer.

This chart calculates some of the common fertilizer rates for you:

| Fertilizer NPK Rating | 100 / (2 x N%) | = | Lb. per 1,000 Sq.Ft. |
|-----------------------|----------------|---|----------------------|
| 12-4-8 | 100/24 | = | 4.1 |
| 16-8-8 | 100/32 | = | 3.1 |
| 20-5-10 | 100/40 | = | 2.5 |
| 10-10-10 | 100/20 | = | 5.0 |

For slower, more uniform growth, use fertilizers that contain slow-release nitrogen such as methylene urea, ureaformaldehyde, sulfur-coated urea, or IBDU. The label may also read "water-insoluble nitrogen" or "slow-release nitrogen."

WATERING PRACTICES

Pennsylvania has enough rain that **turf grasses don't have to be watered** to survive. Healthy lawns go brown during a drought, but quickly turn green when rainfall resumes.

If you choose to water, **1" of water will wet the soil to a depth of 4"-6"**. Place an empty can under the sprinkler to determine when an inch has been applied. If water runs off the lawn before reaching an inch, turn off the sprinkler and wait an hour before resuming.

- **Water deeply and infrequently** to encourage deep root growth. Light, frequent watering encourages shallow roots, which increase the risk of disease and stress injury.
- **Water in the morning.** Less water is lost through evaporation and transpiration.
- **Don't water at midday or in the evenings.** A lawn that remains damp during the night is more prone to disease.

ALTERNATIVE LANDSCAPES

Consider turf grass alternatives. Increase shrub beds, grow a wildflower meadow, or plant ground covers such as English ivy, pachysandra and periwinkle. They look beautiful, don't need mowing and will help **reduce maintenance and yard waste**.

THE KEY WORD IS "LESS"

LESS FERTILIZER

LESS WATER

LESS WORK

LESS WASTE

Recycling clippings back into the lawn is less work than disposing of them as waste. No one has to handle the clippings--not you, your lawn care professional, or the waste management crew. By not trashing grass, you can reduce your mowing time by nearly 40 percent and spend less money on fertilizer and trash bags. And you'll be doing your part for the environment by reducing waste.

If you follow these *IT'S OKAY TO "LET IT LAY"* guidelines, not only will you have a healthy lawn, you'll never have to bag grass clippings again.

Produced by the Pennsylvania Department of Environmental Protection in cooperation with the Connecticut, Massachusetts and Rhode Island Departments of Environmental Protection.

For more information please contact us at our recycling e-mail address: ra-eprecyclepa@state.pa.us

Department of Environmental Protection
Bureau of Waste Management
Rachel Carson State Office Building
P.O. Box 8472
Harrisburg, Pa 17105-8472
Telephone 717-787-7382
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Waste Composition Table

**Perry County Estimate of the Current Composition of Discarded Municipal
Waste Stream by Material Available for Recovery**

| | | Material Categories | Tons Disposed | Mean Composition |
|-------------------|----|-------------------------------|----------------------|-------------------------|
| Paper | | | 10,142 | 33.4% |
| | 1 | Newspaper | 1,275 | 4.2% |
| | 2 | Corrugated Cardboard | 2,551 | 8.4% |
| | 3 | Office | 1,123 | 3.7% |
| | 4 | Magazine/Glossy | 820 | 2.7% |
| | 5 | Polycoated/Aseptic Containers | 152 | 0.5% |
| | 6 | Mixed Paper | 1,397 | 4.6% |
| | 7 | Non-recyclable Paper | 2,824 | 9.3% |
| Plastic | | | 3,461 | 11.4% |
| | 8 | #1 PET Bottles | 273 | 0.9% |
| | 9 | #2 HDPE Bottles | 213 | 0.7% |
| | 10 | #3-#7 Bottles | 61 | 0.2% |
| | 11 | Expanded Polystyrene | 243 | 0.8% |
| | 12 | Film Plastic | 1,518 | 5.0% |
| | 13 | Other Rigid Plastic | 1,154 | 3.8% |
| Glass | | | 911 | 3.0% |
| | 14 | Clear Glass | 425 | 1.4% |
| | 15 | Green Glass | 121 | 0.4% |
| | 16 | Amber Glass | 213 | 0.7% |
| | 17 | Non-recyclable Glass | 152 | 0.5% |
| Metals | | | 1,640 | 5.4% |
| | 18 | Steel Cans | 334 | 1.1% |
| | 19 | Aluminum Cans | 152 | 0.5% |
| | 20 | Other Ferrous | 911 | 3.0% |
| | 21 | Other Aluminum | 152 | 0.5% |
| | 22 | Other Non-Ferrous | 91 | 0.3% |
| Organics | | | 10,415 | 34.3% |
| | 23 | Yard Waste - Grass | 455 | 1.5% |
| | 24 | Yard Waste - Other | 1,123 | 3.7% |
| | 25 | Wood - Unpainted | 1,761 | 5.8% |
| | 26 | Wood - Painted | 759 | 2.5% |
| | 27 | Food Waste | 3,644 | 12.0% |
| | 28 | Textiles | 1,154 | 3.8% |
| | 29 | Diapers | 698 | 2.3% |
| | 30 | Fines | 304 | 1.0% |
| | 31 | Other organics | 516 | 1.7% |
| Inorganics | | | 3,887 | 12.8% |
| | 32 | Electronics | 455 | 1.5% |
| | 33 | Carpet | 516 | 1.7% |
| | 34 | Drywall | 334 | 1.1% |
| | 35 | Other C&D | 1,457 | 4.8% |
| | 36 | HHW | 91 | 0.3% |
| | 37 | Other Inorganics | 668 | 2.2% |
| | 38 | Furniture | 364 | 1.2% |
| | | Total | 30,364 | 100% |

Version 13

GHG Emissions Waste Management Analysis for Barton & Loguidice, D.P.C.

Prepared by: Perry County SWMP Update

Project Period for this Analysis: 01/01/12 to 12/31/12

Note: If you wish to save these results, rename this file (e.g., WARM-MN1) and save it. Then the "Analysis Inputs" sheet of the "WARM" file will be blank when you are ready to make another model run.

GHG Emissions from Baseline Waste Management (MTCO₂E):

538

[illegible]

Note: a negative value (i.e., a value in parentheses) indicates an emission reduction; a positive value indicates an emission increase.

a) For explanation of methodology, see the EPA WARM Documentation:

Solid Waste Management and Greenhouse Gases: A Life-Cycle Assessment of Emissions and Sinks
-- available on the Internet at <http://epa.gov/epawaste/conserve/tools/warm/SWMGHGreport.html>

b) Emissions estimates provided by this model are intended to support voluntary GHG measurement and reporting initiatives.

c) The GHG emissions results estimated in WARM indicate the full life-cycle benefits waste management alternatives. Due to the timing of the GHG emissions from the waste management pathways, (e.g., avoided landfilling and increased recycling), the actual GHG implications may accrue over the long-term. Therefore, one should not interpret the GHG emissions implications as occurring all in one year, but rather through time.

GHG Emissions from Alternative Waste Management Scenario (MTCO₂E):

(4,133)

[illegible]

Total Change in GHG Emissions (MTCO₂E): (4,671)

This is equivalent to...

Removing annual emissions
from

| | | |
|------------|----------------|--|
| Conserving | 525,617 | Gallons of Gasoline |
| Conserving | 194,632 | Cylinders of Propane Used for Home Barbeques |

| | | |
|------------|---------|--|
| Conserving | 626,577 | Gallons of Gasoline |
| Conserving | 194,632 | Cylinders of Propane Used for Home Barbeques |

Conserving 25 Railway Cars of Coal

0.00027% Annual CO₂ emissions from the U.S. transportation sector

0.00023% Annual CO₂ emissions from the U.S. electricity sector

Version 13
GHG Emissions Waste Management Analysis for Barton & Loguidice, D.P.C.
Prepared by: Perry County SWMP Update
Project Period for this Analysis: 01/01/12 to 12/31/12

412

Energy Use from Alternative Waste Management Scenario (million BTU):

(24,479)

Total Change in Energy Use (million BTU):

(24,892)

| | | |
|---------------------------------|----------------|---------------------------------------|
| This is equivalent to... | | |
| Conserving | 226 | Households' Annual Energy Consumption |
| Conserving | 4,284 | Barrels of Oil |
| Conserving | 200,354 | Gallons of Gasoline |

Version 13

GHG Emissions Waste Management Analysis for Barton & Loguidice, D.P.C.

Prepared by: Perry County SWMP Update

Project Period for this Analysis: 01/01/12 to 12/31/12

Note: If you wish to save these results, rename this file (e.g., WARM-MN1) and save it. Then the "Analysis Inputs" sheet of the "WARM" file will be blank when you are ready to make another model run.

147

[illegible]

Note: a negative value (i.e., a value in parentheses) indicates an emission reduction; a positive value indicates an emission increase.

a) For explanation of methodology, see the EPA WARM Documentation:

Solid Waste Management and Greenhouse Gases: A Life-Cycle Assessment of Emissions and Sinks

-- available on the Internet at <http://epa.gov/epawaste/conservation/tools/warm/SWMGHGreport.html>

b) Emissions estimates provided by this model are intended to support voluntary GHG measurement and reporting initiatives.

c) The GHG emissions results estimated in WARM indicate the full life-cycle benefits waste management alternatives. Due to the timing of the GHG emissions from the waste management pathways, (e.g., avoided landfilling and increased recycling), the actual GHG implications may accrue over the long-term. Therefore, one should not interpret the GHG emissions implications as occurring all in one year, but rather through time.

(1,127)

[illegible]

Total Change in GHG Emissions (MTCE): (1,274)

This is equivalent to...

983 Passenger Vehicles

| | |
|------------|-----------------------------|
| Conserving | 525,617 Gallons of Gasoline |
|------------|-----------------------------|

| | | |
|------------|---------|--|
| Conserving | 194,632 | Cylinders of Propane Used for Home Barbeques |
|------------|---------|--|

Conserving 25 Railway Cars of Coal

0.00027% Annual CO₂ emissions from the U.S. transportation sector

0.00023% Annual CO2 emissions from the U.S. electricity sector

Recommended Initiatives

Perry County Recommended Initiatives

| Recycling Collection and Waste Disposal Initiatives | |
|---|---|
| | |
| | 1 |
| Developing new permanent recyclables drop-off facilities with convenience in mind | |
| Developing semi-annual County-wide HHW collection events | |
| Streamline the recyclables collected curbside with all local haulers in the County | |
| Purchase surveillance cameras that move around to different drop-off sites | |
| Develop a hotline for illegal dumping and open burning reporting | |
| Supporting Spring/Fall Cleanup at Townships | |
| Encouraging contracted residential curbside waste collection with curbside recyclables collection through draft contracts supplied to municipalities | |
| Developing semi-annual County-wide e-waste collection events | |
| Encouraging semi-annual (at minimum) spring cleanup collection events (sponsored by the townships/private sector) | |
| Recycling drop-off centers with 24/7 hours managed by 1 or more Townships | |
| Encourage a Pay-As-You-Throw waste disposal system with local haulers | |
| Developing a year-round permanent e-waste collection facility | |
| Development of County ordinances that mandate residential recycling | |
| | |
| | 2 |
| Adding additional recyclables material to existing drop-off facilities | |
| Streamline the recyclables collected curbside with all local haulers in the County | |
| Encourage a Pay-As-You-Throw waste disposal system with local haulers | |
| Partner with local enforcement for illegal dumping and open burning | |
| Purchase surveillance cameras that move around to different drop-off sites | |
| Develop a hotline for illegal dumping and open burning reporting | |
| Developing a year-round permanent e-waste collection facility | |
| Developing semi-annual County-wide HHW collection events | |
| Encouraging semi-annual (at minimum) spring cleanup collection events (sponsored by the private sector) | |
| Encouraging contracted curbside waste collection for commercial businesses, including mandatory recyclables collection through draft contracts supplied to businesses | |
| Contracting with waste haulers for curbside HHW and/or electronics collection | |
| Development of municipal ordinances that mandate residential recycling | |
| | |
| | 3 |
| Contracting with waste haulers for curbside HHW and/or electronics collection | |
| Development of County ordinances that mandate residential recycling | |
| Develop a method for more comprehensive reporting of recyclables collection to the County | |
| Encourage a Pay-As-You-Throw waste disposal system with local haulers | |
| Develop a permanent yard waste drop-off location (municipal or County-wide) | |
| Ordinances that require waste haulers to collect bulk items and recyclables curbside and education to residents semi-annually | |
| Encouraging contracted residential curbside waste collection, including mandatory curbside recyclables collection through draft contracts supplied to municipalities | |
| Developing new permanent recyclables drop-off facilities with convenience in mind | |
| Developing a year-round permanent e-waste collection facility | |
| Encouraging semi-annual (at minimum) spring cleanup collection events (sponsored by the private sector) | |
| Developing a public/private partnership for waste and recycling collection and infrastructure | |
| | |

Perry County Recommended Initiatives

| 4 |
|---|
| Develop a permanent yard waste drop-off location (municipal or County-wide) |
| Encouraging contracted curbside waste collection for commercial businesses, including mandatory recyclables collection through draft contracts supplied to businesses |
| Developing a year-round permanent e-waste collection facility |
| Developing a year-round permanent HHW drop-off facility |
| Developing new permanent recyclables drop-off facilities with convenience in mind |
| Adding additional recyclables material to existing drop-off facilities |
| Developing semi-annual County-wide e-waste collection events |
| Contracting with waste haulers for curbside HHW and/or electronics collection |
| Streamline the recyclables collected curbside with all local haulers in the County |
| Development of County ordinances that mandate residential recycling |
| Development of municipal ordinances that mandate residential recycling |
| Development of County ordinances that mandate commercial recycling |
| Development of municipal ordinances that mandate commercial recycling |
| Developing a public/private partnership for waste and recycling collection and infrastructure |
| Hire enforcement officers/partner with local enforcement for illegal dumping and open burning |
| Develop a permanent yard waste compost facility (municipal or County-wide) |
| Purchase surveillance cameras that move around to different drop-off sites |
| Develop a hotline for illegal dumping and open burning reporting |
| Developing semi-annual County-wide HHW collection events |
| Develop a method for more comprehensive reporting of recyclables collection to the County |
| |
| 5 |
| Encouraging contracted curbside waste collection for commercial businesses, including mandatory recyclables collection through draft contracts supplied to businesses |
| Encouraging contracted residential curbside waste collection with curbside recyclables collection through draft contracts supplied to municipalities |
| Developing a year-round permanent HHW drop-off facility |
| Encouraging semi-annual (at minimum) spring cleanup collection events (sponsored by the private sector) |
| Develop a permanent yard waste compost facility (municipal or County-wide) |
| Ordinances that require waste haulers to collect bulk items and recyclables curbside and education to residents semi-annually |
| Developing a public/private partnership for waste and recycling collection and infrastructure |
| Hire enforcement officers/partner with local enforcement for illegal dumping and open burning |
| Adding additional recyclables material to existing drop-off facilities |
| Contracting with waste haulers for curbside HHW and/or electronics collection |
| Development of County ordinances that mandate residential recycling |
| Development of municipal ordinances that mandate residential recycling |
| Development of County ordinances that mandate commercial recycling |
| Development of municipal ordinances that mandate commercial recycling |
| Develop a permanent yard waste drop-off location (municipal or County-wide) |
| Develop a method for more comprehensive reporting of recyclables collection to the County |
| Streamline the recyclables collected curbside with all local haulers in the County |
| Encourage a Pay-As-You-Throw waste disposal system with local haulers |
| Purchase surveillance cameras that move around to different drop-off sites |

* Recommended Initiatives are highlighted in yellow

Perry County Recommended Initiatives

| Education Initiatives |
|--|
| |
| 1 |
| Encourage the development of municipal newsletters that include waste and recycling information |
| Develop education for residents on the negative side effects of burning waste/recyclables |
| Development of a plan to target each sector present in the County (i.e. colleges, elementary schools, etc.) to encourage/support recycling and discuss |
| Update Perry County website to be more user friendly and contain information about waste and recycling |
| Expand current education through the use of social media, i.e. twitter, Facebook, etc. to educate residents/businesses |
| |
| 2 |
| Develop a County newsletter that includes waste and recycling information |
| Encourage schools to develop recycling programs |
| Educate members of the County staff, County Commissioners, etc. so that all "core" local members understand the County's waste and recycling initiatives |
| Development of a plan to target each sector present in the County (i.e. colleges, elementary schools, etc.) to encourage/support recycling and discuss |
| Develop a community calendar that includes waste and recycling information |
| Update Perry County website to be more user friendly and contain information about waste and recycling |
| Develop education for residents on the negative side effects of burning waste/recyclables |
| Require and/or encourage haulers to provide education and/or helpful hints to residents and the County semi-annually, informing them on how to |
| Encourage big event activities to recycle by recognizing how much of the event waste goes into the trash |
| |
| 3 |
| Develop newspaper advertisements to educate residents |
| Require and/or encourage haulers to provide education and/or helpful hints to residents and the County semi-annually, informing them on how to |
| Update Perry County website to be more user friendly and contain information about waste and recycling |
| Develop a method to reach out to the commercial businesses in the County to discuss recycling, obtain recycling tonnages, etc. |
| Encourage big event activities to recycle by recognizing how much of the event waste goes into the trash |
| Expand current education through the use of social media, i.e. twitter, Facebook, etc. to educate residents/businesses |
| Develop PSAs to use on local TV, public access channels and local radio networks to educate residents/businesses |
| Encourage schools to develop recycling programs |

Perry County Recommended Initiatives

| |
|--|
| Encourage the development of school competitions to get the community involved in recycling, or the participation in other state and national recycling events |
| Be a presence at local fairs, festivals, and big event activities |
| Develop a County newsletter that includes waste and recycling information |
| Start a pledge program in the municipalities/County-wide for residents that encourages recycling, anti-burning, promotes proper disposal of waste |
| Develop a give back program for residents that take part in the pledge program |
| Encourage the development of municipal newsletters that include waste and recycling information |
| Develop a community calendar that includes waste and recycling information |
| Educate members of the County staff, County Commissioners, etc. so that all "core" local members understand the County's waste and recycling initiatives |
| Development of a plan to target each sector present in the County (i.e. colleges, elementary schools, etc.) to encourage/support recycling and discuss waste management |
| 4 |
| Develop quarterly flyers to distribute to residents and businesses |
| Encourage the development of municipal newsletters that include waste and recycling information |
| Development of a plan to target each sector present in the County (i.e. colleges, elementary schools, etc.) to encourage/support recycling and discuss waste management |
| Be a presence at local fairs, festivals, and big event activities |
| Develop education for residents on the negative side effects of burning waste/recyclables |
| Start a pledge program in the municipalities/County-wide for residents that encourages recycling, anti-burning, promotes proper disposal of waste |
| Develop a give back program for residents that take part in the pledge program |
| 5 |
| Expand current education through the use of social media, i.e. twitter, Facebook, etc. to educate residents/businesses |
| Develop PSAs to use on local TV, public access channels and local radio networks to educate residents/businesses |
| Develop quarterly flyers to distribute to residents and businesses |
| Encourage the development of school competitions to get the community involved in recycling, or the participation in other state and national recycling events |
| Start a pledge program in the municipalities/County-wide for residents that encourages recycling, anti-burning, promotes proper disposal of waste |
| Develop a give back program for residents that take part in the pledge program |
| Be a presence at local fairs, festivals, and big event activities |
| Require and/or encourage haulers to provide education and/or helpful hints to residents and the County semi-annually, informing them on how to properly dispose of waste |
| Develop a County newsletter that includes waste and recycling information |
| Develop a method to reach out to the commercial businesses in the County to discuss recycling, obtain recycling tonnages, etc. |

* Recommended Initiatives are highlighted in yellow

Key Card Program Information

RECYCLABLES KEY CARD ACCESS DROP-OFF PROPOSAL

BACKGROUND

Perry County, Pennsylvania is currently serviced by eleven (11) recyclables drop-off locations, a private hauler who collects recyclables once a week along major routes, private subscription haulers that collect recyclables curbside, and municipal collection crews/volunteers that collect recyclables curbside. If residents want to participate in the private hauler's curbside route collection program, residents must purchase recyclables bags from select locations, i.e. super markets, and drop their bag, filled with recyclables, along the specified route that corresponds to a specific day of the week. Three (3) of the eleven (11) recyclables drop-off locations are not open 24/7 and are only open to residents of the municipality it is located in, typically one day per month for limited hours.

Many of the drop-offs located in Perry County are only available to residents of that municipality. As part of the 2015 Municipal Solid Waste Management Plan, the County is developing a more uniform, County-wide recycling program that integrates all of the municipalities and the private sector to the greatest extent possible. One way to start this integrated system is to develop drop-off facilities for recyclables that are open to residents of multiple municipalities in Perry County. Reviewing a map of Perry County that shows the location of the current drop-off facilities and the private hauler's recycling collection routes, demonstrated a deficient area in the Northeast Region (Buffalo, Watts, New Buffalo, and Miller Townships). Additionally, it was evident that there are no permanent drop-off facilities in the Southeast area of Perry County (Wheatfield and Penn Townships). The remainder of the County is serviced by the remaining permanent drop-off facilities and the private hauler's recycling collection routes.

RECOMMENDATIONS

Barton & Loguidice, D.P.C. (B&L) recommended to the County that an established permanent drop-off recycling facility be established in the Wheatfield/Penn Region to service residents in this area. Additionally, a permanent recycling drop-off facility may be added to the Buffalo/Watts/New Buffalo/Miller Region to service residents in this area. Lastly, a recent decision by a local municipality to suspend, possibly indefinitely, their recyclables drop-off location, resulted in the recommendation to make a nearby abandoned drop-off location in

Oliver Township a permanent recyclables drop-off location to service Oliver Township and Newport Borough.

It is the recommendation of B&L to make the new and/or modified permanent drop-off facilities key card accessed 24/7 facilities. The key card access will allow residents from any municipality in Perry County to access the recyclables drop-off facilities by use of a purchased key card. The first site recommended for conversion to key card access is Oliver Township's current fenced in drop-off location. A gate will need to be added to the current fence that is connected to an electronic key card access. Electricity will need to be installed on site, if it's not currently there, to connect the key card access gate. The desired key card access technology will need purchased and uploaded to either the municipal computers or the County computers, depending on the long term management of the program.

The capital cost for the recyclables key card drop-off facility is estimated between \$20,000 and \$35,000, depending on the number of key cards ordered. This includes an annual maintenance fee for the key cards of approximately \$1,000. The maintenance fee is assumed to cover annual upgrades to the computer program and annual maintenance on the key card access.

Additionally, the annual cost to contract with a hauler to remove the recyclables was assumed to be approximately \$10,000 (\$200 x 52 weeks), with once a week collection. The national average for recyclables generation is 0.3 tons per person per year. It is assumed that Perry County generates slightly less than the national average at approximately 0.2 tons per person per year. Based on the U.S. Census Bureau, Perry County has an estimated 2.49 persons per household. Recyclables generation is therefore equivalent to 0.5 tons per household per year. B&L used estimated volume to weight conversions, provided by Keep America Beautiful, in pounds per cubic yard, for source separated recyclable material, to determine the estimated volume of material generated weekly by residents in Oliver Township and Newport Borough. This was equivalent to 0.02 cubic yards of recyclables per household per week. Based on the estimated households in Oliver Township and Newport Borough, this is equivalent to approximately 30 cubic yards per week for all of Oliver Township and Newport Borough. Therefore, a weekly pull of a 40 cubic yard roll-off container is estimated to be sufficient to support Oliver Township and Newport Borough's recyclables key card drop-off facility.

It is recommended that the County and/or municipality develop an RFP to solicit interest from recycling collection companies to manage the key card drop-off facility. The RFP may result in a lower pull fee, additionally, the lower participation rate scenarios, may require less frequent pulls, therefore reducing the estimated annual cost. It is recommended that this program becomes a County and municipality partnership to bring recyclables collection to residents in Perry County. After debt service, it is estimated that this program will become profitable, which will allow for the expansion/maintenance of other recycling collection programs in the County.

The following is an example cost breakdown for the key card program, dependent on the number of participants in the program. These estimates were conducted to show a very basic understanding of the costs of the key card program and shall be verified through cost estimates from contractors, key card manufacturers, etc. A consultant, such as Barton & Loguidice, may assist Perry County in obtaining an engineer's opinion of probable cost for the construction of the key card drop-off facility, designing the proposed key card drop-off facility, developing bid documents for contractors to bid on the proposed project (getting the County the best rate for the project), assisting the County in evaluating the bid proposals, assisting the County in awarding a contractor, and providing contractor oversight during the construction phase.

Capital cost paybacks were estimated assuming capital costs will be paid for up front through a partnership between the municipalities, the County, the Closed Loop Fund, and/or grant funding through PADEP, therefore, interest rates were not assumed in the estimated payback period.

As the program becomes established, more residents may become involved, which will increase profits over time. Additionally, other surrounding municipalities may become interested in partnering with the established drop-off and offering access to their residents as well, i.e. Howe Township. B&L recommends that all municipalities be open to the idea of partnering for recyclables collection and management, in an effort to save our environment and capture recycling before it is taken to a landfill.

TABLE 1 – ESTIMATED KEY CARD PROGRAM COSTS

| Participation Rate | 10% | 25% | 50% | 100% |
|---|-----------------|-----------------|------------------|------------------|
| Oliver Township (811 households total) | 81 | 203 | 406 | 811 |
| Newport Borough (666 households total) | 66 | 167 | 333 | 666 |
| Total Households | 147 | 370 | 739 | 1,477 |
| Annual Cost Per Household | \$100 | \$100 | \$100 | \$100 |
| Monthly Cost Per Household | \$1.92/Week | \$1.92/Week | \$1.92/Week | \$1.92/Week |
| Estimated Capital Costs, Annual Costs, Profits, and Payback Period | | | | |
| New Gate | \$8,000 | \$8,000 | \$8,000 | \$8,000 |
| Electricity to the Facility | \$3,000 | \$3,000 | \$3,000 | \$3,000 |
| Key Card Access Technology | \$5,000 | \$5,000 | \$5,000 | \$5,000 |
| Key Cards (\$10/each) | \$1,470 | \$3,700 | \$7,390 | \$14,770 |
| Total Capital Costs | \$17,470 | \$19,700 | \$23,390 | \$30,770 |
| Annual Cost for Pulls (\$200/each, pulled weekly) | \$10,400 | \$10,400 | \$10,400 | \$10,400 |
| Annual Maintenance | \$1,200 | \$1,200 | \$1,200 | \$1,200 |
| Annual Expenses | \$11,600 | \$11,600 | \$11,600 | \$11,600 |
| Gross Annual Income | \$14,700 | \$37,000 | \$73,900 | \$147,700 |
| Income - Expenses = Annual Net Profit | \$3,100 | \$25,400 | \$62,300 | \$136,100 |
| Capital Costs/Profit = Payback Period | ~6 Years | ~1 Years | Less than 1 Year | Less than 1 Year |

Notes:

1. Administrative fees for an employee of the County and/or the municipality to manage the key card program was not included in the capital or annual costs.
2. Payback period was estimated assuming residents are billed the \$100 annual fee up front. Late payments were not accounted for in the payback period.

PROFIT SHARING

In an effort to establish a more uniform recyclables collection and management program across Perry County, B&L recommends a portion of the net profits from the key card drop-off, be placed in a fund to support the establishment of future drop-offs in the County. The capital costs of future drop-off facilities in Perry County may be slightly higher as a new site may require fencing or other upgrades. The money in the fund may be used to finance all or part of the capital costs to establish new drop-off facilities. As the new facilities make profits from the key card accounts, the money borrowed from the fund will be paid back. It is B&L's recommendation that new sites be evaluated by the Planning Commission and/or Recycling Coordinator for their location in relation to existing drop-offs and recycling collection locations, as well as their overall benefit to the recyclables management program of the County. Additionally, B&L recommends that existing drop-off facilities are evaluated for conversion to a key card program.

B&L recommends that another portion of the profits from the key card access program be placed in a fund to support any unforeseen maintenance that may be needed on the site. This may include fencing upgrades, pavement restoration, unexpected maintenance to the key card access technology, etc. Lastly, B&L recommends that any remaining profits be placed in a fund to support special recycling collection and efforts in Perry County. This money may be used to support e-waste collection events, HHW collection events, spring clean-ups and a full or part time Recycling Coordinator for the County.

The amount of profit from the key card program is directly dependent on the participation rate. The lower the participation rate, the lower the profits from the program and, therefore, the money available to support other recycling programs in the municipality/County will be lower.

EDUCATION AND CONTAMINATION REDUCTION

In order to educate residents on the proper use of the drop-off facility, it is recommended that Perry County establishes volunteer program over the first few months of the program. Perry County may reach out to volunteers in the community, i.e. retired community members, FFA, boy/girl scouts, Conservation District employees, Planning Department employees, municipal officials, etc. These volunteers will be responsible for sitting at the key card drop-off and educating members of the community that use the drop-off on materials that may be accepted,

how the materials shall be prepared prior to arriving at the site, materials that are not accepted, etc. It is believed that this initial education initiative will reduce the potential contamination at the facility. Additionally, B&L recommends that Perry County invest in signage for the key card drop-off facility. This signage will include both lettering and pictures that clearly describes materials that are accepted and not accepted at the facility. Fonts and colors shall be chosen so as to be clearly seen from a distance.

FUNDING OPPORTUNITIES

Funding opportunities for paying for the capital costs for the key card program may come from PADEP grant funding, the Closed Loop Fund, the County budget and municipality's budgets. It is recommended to contact PADEP and determine the grant opportunities available to Perry County. As long as anti-burn ordinances are in place for Act 101 materials in the municipalities using the drop-off facilities, the County or municipality may obtain grant money for the recyclables material collected through Act 101, Section 904 grant funding. Act 101, Section 902 grant funding through PADEP may reimburse Counties and municipalities up to 90 percent of eligible recycling program development and implementation expenses. This may include equipment for the key card program. A consultant, such as Barton & Loguidice, may assist Counties and municipalities in applying for grants under Act 101.

FUTURE FACILITIES

B&L recommends that the next two locations for a permanent recyclables key card access drop-off facility be located in the Wheatfield/Penn and Buffalo/Watts/New Buffalo/Miller areas. Both of these areas do not have a current location that can readily be turned into a permanent facility drop-off without approvals from local municipalities. Once locations have been determined for these deficient areas, a fatal flaw analysis shall be conducted to ensure that the site is best suited as a drop-off facility location. Once the fatal flaw analysis is conducted and a suitable site is chosen, a cost estimate for the full development of the drop-off facility shall be completed. It is recommended that Perry County enlist the services of a consultant, such as B&L, to perform the fatal flaw analysis and develop a cost estimate for the development of the proposed locations. B&L recommends finding a site that can be upgraded at a cost that allows the municipality to maintain a uniform key card price of \$100/year/household (participant).

CONTRACT DOCUMENTS

FOR

RECYCLING COLLECTION, TRANSPORTATION AND PROCESSING SERVICES FROM
DWELLING UNITS WITHIN THE TOWNSHIP OF _____

Bid opening - _____ ; _____ p.m.

Bid Due - _____ ; _____ p.m.

_____ TOWNSHIP (written for a Township, but could be used for a City, Borough or
Town)

_____ (address)

_____, PA _____

Questions concerning the attached Contract Documents may be referred to:

_____ Township -

Monday through Friday, between the hours of 8:00 a.m. and 4:00 p.m.

This package represents all documents a successful Bidder shall be responsible for completing.
Please return the entire package with the appropriate, completed information.

Proposal being submitted by:

Company Name

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INVITATION TO BIDDERS

Officials of the Township of _____, _____ County, will accept sealed proposals at the _____ Township Municipal Building, _____ until 4:00 PM on _____, to be opened at 7:30 PM or shortly after that same day for the following:

Recycling Collection, Transportation and Processing Services from
Dwelling Units within the Township of _____

The Recycling Contract will be for weekly, bi-weekly or monthly (*dependant upon option selected in this bid document*) curbside collection of recyclable materials from residents of _____ Township. Recyclables will be placed curbside either co-mingled or source-separated (*dependant upon the options selected and proposed by the bidder in this document*). The materials to be collected are outlined in this document, although, additional materials may be included for consideration. Additionally, _____ Township shall allow small businesses to participate in the collection program. **(optional)**

A pre-bid meeting will be held at _____ (time) at the _____ Township Municipal Building, _____ (address). Attendance at the pre-bid meeting is not mandatory but is recommended.

Proposals must be submitted upon forms furnished by and available at the Township and must be sealed with proper identification of subject bid on the outside of the envelope. All bids must be accompanied by a certified check or bid bond in the amount of ten percent (10%) of the bid. Instructions, specifications, and bid forms may be obtained at the _____ Township office at the above address from 8:00 a.m. to 4:00 p.m., Monday through Friday, except for holidays.

The Commissioners of _____ Township reserve the right to reject any or all bids and to waive any defects or irregularities in the best interest of the Township.

_____, **Manager**
_____, **TOWNSHIP**

INSTRUCTIONS TO BIDDERS

2.01 Pre-Bid Conference

A pre-bid meeting will be held at _____(time) at the _____ Township Municipal Building, _____(address). Attendance at the pre-bid conference is not mandatory but is recommended.

2.02 Sealed Bids or Proposals

Sealed bids or proposals shall be addressed to Township Manager, _____ Township Municipal Building, _____(address), and marked "Recycling Collection, Transportation and Disposal Services Proposal" and shall be received at the office of the _____ Township Manager until 4:00 PM on _____(date) to be publicly opened and read at 7:30 PM or shortly thereafter.

2.03 Printed Form of Bids

All proposals shall be made upon the blank form of proposal attached hereto and must give the price proposed, both in words and figures (typed or written in ink), and must be signed by the bidder with his full name and address; or where a partnership, the name and address of each partner in full; or, if a corporation, the place where chartered and the names, titles and business address of the President, Secretary and Treasurer. In submitting bids, the proposal form must not be removed from the Contract Documents, but deposited intact as received and properly sealed.

2.04 Certified Check or Bid Bond

Proposals must be accompanied by a certified check or bid bond with responsible corporate surety payable to the order of _____ Township in an amount equal to ten percent (10%) of the annual bid amount.

The above-mentioned check or bid bond shall be forfeited to _____ Township in the event the Contractor fails or refuses to enter into the contract and to post Performance and Payment Bonds as hereinafter specified, not as penalty, but as just and liquidated damages for the delay and additional costs or expenses incurred by _____ Township by reason of failure to execute the contract and give bond as required.

2.05 Certified Check or Bid Bond Return

The certified checks or bid bonds of the unsuccessful bidders will be returned after the contract is awarded and the check or bid bond of the successful bidder will be returned to him after the execution of the contract and bonds. _____ Township shall not be liable for any interest on any bid deposits.

2.06 Contract and Bond

A contract(s) will be awarded to the lowest, responsible bidder(s) subject to the provision of Paragraph 2.06 below. The successful bidder shall, within ten (10) days after notification of award, enter into a written contract with _____ Township and shall furnish Performance and Payment Bonds issued by an approved surety company authorized to do business in the Commonwealth of Pennsylvania, in the amount of one hundred percent (100%) of the annual bid price, conditioned that he shall comply in all respects with the terms and conditions of the contract, and his obligation there under, including the specifications, and shall indemnify and save harmless _____ Township against or from any and all costs, expenses, damages, injury or loss to which _____ Township may be subjected by reason of any wrongdoing, misconduct, want of care or skill, negligence, or default upon the part of the Contractor, his agents or employees, in or about the execution or performance of the contract, including said specifications, and shall indemnify and save harmless _____ Township against and from any and all liability demands, or claims against it or losses to it from any cause whatever, including, but not limited to, patent infringements in the matter of completing said contract, said bond to be subject to the approval of the Township Solicitor. In case of failure or refusal on the part of the bidder to enter into said contract and file the aforesaid bond within ten (10) days of the Notice of Award, the amount of the check or bid bond will be forfeited and paid to _____ Township as more fully provided in Paragraph 2.04 above.

2.07 Reservations and Annulments

The Township Commissioners will determine who is the lowest responsible bidder upon the basis of the bids submitted, and reserve the right to reject any or all bids, and may re-advertise if it is in the best interest of the Township. Said Commissioners also reserve the right to waive technical defects, if, in their judgment, the interest of the Township shall so require; also, the right to cancel and annul any contract if, in their opinion, there shall be failure at any time to perform faithfully any of its stipulations, or in case of a willful attempt to impose upon the Township articles or service inferior to those required by the contract. Any action taken in pursuance of this latter stipulation shall not affect or impair any right or claim of the Township to damages for the breach of any of the covenants of the contract by the Contractor. No proposal may be considered from any person, firm or corporation, who has defaulted in the performance of any contract or agreement made with the Township or conclusively shown to have failed to perform satisfactorily any such contract or agreement.

2.08 Bids May Be Rejected as Informal

Proposals or bids which contain erasures, alteration, conditional bids, omissions, or irregularities of any kind shall be rejected as informal.

2.09 Changes Prior to the Opening of Bids

During the period allowed for preparation of bids, the bidders may be furnished addenda or bulletins for additions to or alterations of the Specifications, which shall be included in the work, covered by the Proposal and become a part of the Contract Documents. If any prospective bidder is in doubt as to the true meaning of any part of the Specifications or other Contract Documents, he may submit to the Township Manager a written request for an interpretation thereof. The bidder submitting the request will be responsible for its prompt delivery. Any interpretation of the Contract Documents will be made only by an addendum duly issued and a copy of such addendum will be mailed or delivered to each prospective bidder of record. The Township shall not be responsible for any other explanations or interpretations of the proposed Contract Documents.

2.10 Withdrawal of Bids

No bid may be withdrawn for a period of ninety (90) days after the date and time designated for the opening thereof.

2.11 Contract Documents

This contract will be awarded in accordance with the following documents:

- | | |
|----------------------------|---------------------------------------|
| 1. Invitation to Bidders | 9. Exception(s) to Contract Documents |
| 2. Instructions to Bidders | |
| 3. General Conditions | 10. Bid Bond |
| 4. Specifications | 11. Questionnaire |
| 5. Insurance Requirements | 12. Notice of Award |
| 6. Checklist | 13. Agreement |
| 7. Non-Collusion Affidavit | 14. Performance Bond |
| 8. Bid Proposal | 15. Payment Bond |
| | 16. Notice to Proceed |

2.12 Familiarization

Before bidding, all contractors are requested to carefully read and thoroughly familiarize themselves with the above documents. Special attention is called to the fact that the Contractor must furnish a disposal plant or dumping area.

2.13 Length of Contract

The bids shall be for the collection and disposal of recyclable materials collected from dwelling units and small businesses within the corporate limits of _____ Township as at present existing, for the term of approximately three (3) years beginning _____ and ending on _____ with the option to extend the contract for two (2) additional years. The parties agree to extend the terms of Contract if (a) _____ Township signifies its desire to extend by notice to Contractor not later than one hundred eighty (180) calendar days prior to the expiration of the basic terms of the Contract; and (b) the Contractor has not signified its desire to not so extend by notice to the Township not later than one hundred eighty (180) calendar days prior to the expiration of said contract.

2.14 Non-Collusion Affidavit

In accordance with the Pennsylvania Antibid Rigging Act that became effective on October 23, 1983, the Township requires each bidder to complete and file a Non-Collusion Affidavit. The Affidavit is to be completed as follows:

A. This Non-Collusion Affidavit must be executed by the member, officer or employee of the bidder who makes the final decision on prices and the amount quoted in the bid.

B. Bid rigging and other efforts to restrain competition, and the making of false sworn statements in connection with the submission of bids are unlawful and may be subject to criminal prosecution. The person who signs the Affidavit should examine it carefully before signing and assure himself or herself that each statement is true and accurate, making diligent inquiry, as necessary, of all other persons employed by or associated with the bidder with responsibilities for the preparation, approval or submission of the bid.

C. In the case of a bid submitted by a partnership or other joint venture, each party to the venture must be identified in the bid documents, and an Affidavit must be submitted separately on behalf of each party.

D. The term "complementary bid" as used in the Affidavit has the meaning commonly associated with that term in the bidding process and includes the knowing submission of bids higher than the bid of another firm, any intentionally high or noncompetitive bid, and any other form of bid submitted for the purpose of giving a false appearance of competition.

E. Failure to file an Affidavit in compliance with these instructions will result in disqualification of the bid.

GENERAL CONDITIONS

3.01 Financial Statement

Each proposal shall be accompanied by a full and complete statement under notarized oath certifying to the financial condition of the bidder. In addition, the bidder shall furnish to the Township Manager a new and complete financial report of bidder's prior year's operation, including any and all information pertinent to actual collection, disposal and billing operations, setting forth all costs, wage rates and other information necessary to determine financial responsibility of the bidder.

3.02 Plans and Specifications

With each proposal, the bidder must furnish one (1) set of general plans and specifications setting forth the equipment, size of work crew or crews, times of collection in accordance with all local ordinances, as documented in Section 4.01.07 below, routing, and methods proposed for collecting, receiving, transporting, conveying, handling and disposing of the recyclables. In particular, the methods, size and location of disposal area apparatus and equipment for the elimination and control of nuisances that may arise during the process of collection, treating or disposal of the material shall be shown, specified and described in sufficient detail to enable the Township Manager to judge the adequacy and sufficiency, as it is an essential requirement of this contract, to ensure that neither objectionable odors, noxious gases nor putrescent liquid shall escape during or after the process of collection, treatment or disposal to the extent of constituting a public nuisance or hazardous or toxic waste. In addition, the bidder shall submit a sworn statement stating that he will abide by all ordinances, rules and regulations of any municipality, providing for making available landfill or other disposal facilities, and of any other governmental unit having jurisdiction thereof, including the Perry County Solid Waste Management Plan.

3.03 Questionnaire

The attached questionnaire must be fully and completely answered.

3.04 **Option 1:** Designated Disposal Facility

All recyclables must be transported to a recyclables processing facility within Perry County.

Option 2: Designated Disposal Facility

All recyclables collected within Perry County will be disposed of at the _____ Transfer Station/MRF located at _____ (address).

3.05 Not to Sublet or Assign Contract

The Contractor shall devote his personal attention constantly to the faithful performance of the work and shall keep the same under his own control, and shall not transfer or assign such responsibility by power of attorney or otherwise, nor sublet the work or any part thereof without

the previous written consent of the Township Manager. In the latter case, he shall petition the Township Manager in writing, certifying the name and address of each such assignee or subcontractor as he intends to engage, the portion of the work which he is to do or the material which he is to furnish, his place of business and such other information as the Township Manager may require in order to know whether such subcontractor is respectable, reliable and able to perform the work as called for in the Specifications. He shall not, either legally or equitably, assign any of the monies payable under the contract unless by and with the like consent of the Township Manager. If such assignment, subcontracting or delegation is permitted by the Township Manager, the Contractor shall not be released from any of his liabilities or obligations under this contract, but shall remain responsible and liable to the Township should any subcontractor fail to perform in a satisfactory manner the work undertaken by him.

3.06 Option 1: Payments to Township as to Dwelling Units

The Township will collect the monthly rate per dwelling unit and remit the net amount to Contractor. The Township will charge the Contractor a collection fee of six percent (6%) of all amounts collected. However, if the Township receives, directly or through the Contractor, an excess of bona-fide complaints of substandard or lack of service within any given month of the calendar quarter, the collection fee shall increase to twelve percent (12%) of the total amount collected for that month. Excessive complaints shall be defined for the purposes of this contract as 20 or more calls per month. The price bid shall cover the cost of all labor, material and any other costs and expenses needed to complete the contract in all details, including the collection fee to the Township. The Township will pay and the Contractor shall accept the price stipulated with respect to dwelling units in the proposal hereto attached as full compensation for the collection, transportation and processing of recyclable materials thereafter. The Township will not be liable for or responsible to pay to the Contractor any interest on any amounts collected.

Option 2: Payments to Township as to Dwelling Units

The Contractor will collect the monthly rate per dwelling unit. The Township will charge the Contractor a negligence fee of twelve percent (12%) of the total amount collected for that month if it receives excessive complaints shall be defined for the purposes of this contract as 20 or more calls per month. The price bid shall cover the cost of all labor, material and any other costs and expenses needed to complete the contract in all details. The Township will not be liable for or responsible to pay to the Contractor any interest on any amounts collected.

3.07 Time of Commencement

The Contractor shall begin work for the collection, transportation and processing of recyclable materials on _____ through and including _____.

3.08 Bidder's Responsibility as to Number of Dwelling Units

It is required that the bid under this proposal shall be for a monthly rate per dwelling unit. A "dwelling" is a building used for residential purposes, except hotels, boarding and lodging houses, tourist cabins, motels and apartments with more than six-dwelling units. All bidders are advised and cautioned that the Township makes no warranty as to the number of dwellings within the Township now or at any time in the future. It will be the responsibility of the successful bidder to ascertain the number of dwelling units from time to time and to deliver

the information to the Township. As the bid under this proposal is for a monthly rate per dwelling unit, nothing herein is to be construed as a warranty as to the number of dwelling units or the gross amount which may be received at any time by the successful bidder. Estimated number of dwelling units within the Township during the term of this contract are as follows: 20__ – X,XXX, 20__ – X,XXX, and 20__ – X,XXX. There is absolutely no guarantee of the preciseness of these numbers.

3.09 Taxes

All present and future state and/or local taxes (excluding landfill tipping fees) imposed on solid waste/recyclables collection and/or disposal will be handled on a pass-through basis and are not to be included in the bid.

3.10 Tons of Recyclables Collected in 20__

Estimated yearly total of combined residential recyclables is XXX tons.

SPECIFICATIONS

4.01 Recycling Collection, Transportation and Processing Services

4.01.01 General

Option 1: _____ Township has a curbside recycling collection program in accordance with the provisions of the Municipal Solid Waste and Recycling ordinance. The Contractor shall provide all equipment and labor to collect all the curbside items specified to be separated by the residents for recycling.

Option 2: _____ Township does not currently have a curbside recycling collection program. _____ Township will be responsible for educating residents on the established curbside recycling collection program proposed by the Contractor. The Contractor shall provide all equipment and labor to collect all the curbside items specified to be separated by the residents for recycling.

Option 1: The Contractor shall have the exclusive right to collect, transport and dispose of designated recyclable materials from residential units and multi-family dwellings containing six or fewer units in the Township when placed at curbside or other property location for this purpose. The Contractor shall dispose of recyclable materials at a facility within Perry County.

Option 2: The Contractor shall have the exclusive right to collect, transport and dispose of designated recyclable materials from residential units and multi-family dwellings containing six or fewer units in the Township when placed at curbside or other property location for this purpose. The Contractor shall dispose of recyclable materials at _____ Transfer Station/MRF, located at _____ (address).

_____ Township elects to allow small businesses to voluntarily participate in the recyclable collection program. **OPTIONAL**

Recycling statistics must be reported directly to the Township by the Contractor monthly.

4.01.02 Work To Be Done

The work to be done consists of the collection, transportation and processing of the following recyclable materials:

Residential

Plastic
Clear Glass
Colored Glass
Aluminum, steel and bimetal cans
Newsprint
Aerosol cans
Cardboard
Chipboard
HHW (**OPTIONAL**)
e-Waste (**OPTIONAL**)

Small Businesses

Plastic
Clear Glass
Colored Glass
Aluminum, steel and bimetal cans
Newsprint
Aerosol cans
Office paper
Cardboard
Chipboard

The bid price shall reflect the cost associated with glass, cans, plastic, cardboard and newsprint for residential and glass, cans, plastic, newsprint, office paper and cardboard for small businesses. **[An additional separate cost shall be included for residential curbside HHW collection and residential curbside e-waste collection]** The Township reserves the right to add or delete items from this list with mutual agreement of the Contractor during the term of the contract.

Option 1: With each proposal, the bidder must furnish a letter from a recycling center or centers certifying the center's capability to accept and market all of the aforementioned recyclables over the full term of the contract.

Option 2: With each proposal, the bidder must furnish a written statement agreeing to deliver all recyclable materials to the _____ Transfer Station/MRF over the full term of the contract.

Option 1: Collection of leaf waste will be provided for by the Township according to Act 101 of 1988 as described in Chapter 1, Section 103, Leaf Waste, of said Act and further described in Chapter 15, Section 1052(a), and will not be a part of this contract.

Option 2: Collection of leaf waste, including lawn and garden waste, brush, small tree limbs and the like, will be provided for by the Contractor per the following schedule:

20__

April XX, XX, XX (insert dates as appropriate)
May X(insert dates as appropriate)
October X,X(insert dates as appropriate)
November X,XX,XX,XX(insert dates as appropriate)

20__

April XX, XX, XX (insert dates as appropriate)
May X(insert dates as appropriate)
October X,X(insert dates as appropriate)

November X,XX,XX,XX(insert dates as appropriate)

20__

April XX, XX, XX (insert dates as appropriate)

May X(insert dates as appropriate)

October X,X(insert dates as appropriate)

November X,XX,XX,XX(insert dates as appropriate)

The items described herein shall be removed from all residential units (including single-family and multi-family dwellings containing six or fewer units, and small businesses) within the limits of the Township. Multi-family dwellings containing more than six units, commercial (other than small businesses), institutional and industrial establishments are not included under this contract.

4.01.03 Delivery of Yard Waste to Township Facility

Bidders are required to submit bid for picking up and hauling yard waste (excluding grass and leaves) to the Township's Yard Waste Facility(ies) located at _____ (address). Contractor will be responsible for supplying a designated truck or other method of segregating yard waste from other refuse. In no event shall any other type of refuse or recyclable materials be off-loaded at the Township's yard waste recycling facility.

4.01.04 Length of Contract

The bids shall be for the collection transportation, and disposal of recyclable materials collected from dwelling units and small businesses within the corporate limits of _____ Township as at present existing, for the term of approximately three (3) years beginning _____ and ending on _____ with the option to extend the contract for two (2) additional years. The parties agree to extend the terms of Contract if (a) _____ Township signifies its desire to extend by notice to Contractor not later than one hundred eighty (180) calendar days prior to the expiration of the basic terms of the Contract; and (b) the Contractor has not signified its desire to not so extend by notice to the Township not later than one hundred eighty (180) calendar days prior to the expiration of said contract.

4.01.05 Option to Negotiate

_____ Township reserves the right to renegotiate the contract if Perry County changes the Solid Waste Plan in a way which reduces contractor costs during the life of the Contract or, in the event that there is a change in the law that causes an increase or decrease in disposal fees, the Contractor and the Township have the right to petition each other to renegotiate the contract price.

4.01.06 Perry County Solid Waste Management Plan

The Contractor must operate in accordance with the Perry County Solid Waste Management Plan and ordinances/regulations.

4.01.07 Definitions

A. Glass shall mean all empty bottles and jars made of clear, green or brown glass only. All containers shall be emptied and rinsed.

B. Aluminum Cans shall mean all food and beverage containers made of aluminum. All containers shall be emptied and rinsed.

C. Bimetal Cans shall mean all food and beverage containers made of a steel (ferrous) cylinder and bottom and an aluminum top. All containers shall be emptied and rinsed.

D. Steel Cans shall mean all food and beverage containers made of steel. All containers shall be emptied and rinsed.

E. Plastics shall mean all PET (polyethylene terephthalate) including, but not limited to, one, two and three-liter soft drink bottles and all HDPE (high density polyethylene) including, but not limited to, one-gallon milk and detergent bottles. All containers shall be emptied and rinsed.

F. Newsprint shall mean all paper having printed thereon news and other matters of public interest but not including magazines or periodicals. Newsprint must be tied in bundles or placed in paper grocery bags.

G. Corrugated Paper shall mean paper or pasteboard contracted into parallel grooves and ridges, commonly referred to as cardboard and packing boxes. The boxes must be emptied and broken down into a flat position.

H. High-Grade Office Paper shall mean printed or unprinted sheets, shavings and cuttings of sulphite or sulphate ledger, bond, writing and other pages which have similar fiber and filler content. This grade must be free of treated, coated, padded or heavily printed stock. This includes lightweight office papers, i.e., bond, copy paper and onionskin, as well as computer paper.

I. Aerosol Cans shall mean all aerosol cans made of steel. All cans must be empty.

J. HHW shall mean those wastes produced in the household that are hazardous in nature, but are not regulated as hazardous waste, under federal and state laws.

K. E-Waste shall mean those discards that include computers, monitors, televisions, audio equipment, printers, and other electronic devices.

4.01.08 **Option 1: Methods of Collection**

All recyclables shall be removed from co-mingled containers, loaded in the truck and delivered to the recycling center. Trucks used for the collection of recyclables shall be thoroughly cleaned, well painted, strongly built and equipped so that recyclable materials will not

escape there from. In addition, the name of the Contractor, the Contractor's telephone number and the truck number shall be painted on each side of the truck in letters of legible size.

Option 2: Methods of Collection

All recyclables shall be removed from source-separated containers curbside, loaded in a dual-compartment truck and delivered to the recycling center. Trucks used for the collection of recyclables shall be thoroughly cleaned, well painted, strongly built and equipped so that recyclable materials will not escape there from. In addition, the name of the Contractor, the Contractor's telephone number and the truck number shall be painted on each side of the truck in letters of legible size.

4.01.09 Option 1: Time When Collections Shall Be Made

Collection of recyclable materials shall be performed once per week and shall take place on the same day as collection of refuse in each given area of the Township.

Option 2: Time When Collections Shall Be Made

Collection of recyclable materials shall be performed once per week and shall take place on the same day as collection of refuse in each given area of the Township. The materials accepted curbside weekly shall alternate between co-mingled containers (including plastics, glass, aluminum, etc.) and fibers (including newsprint, office paper, cardboard, chipboard, etc.).

Option 3: Time When Collections Shall Be Made

Collection of recyclable materials shall be performed bi-weekly and shall take place on the same day as collection of refuse in each given area of the Township.

Option 4: Time When Collections Shall Be Made

Collection of recyclable materials shall be performed monthly and shall take place on the same day as collection of refuse in each given area of the Township.

4.01.10 Hours When Collection Shall Be Made

All collections shall be made between the hours of 7:00 AM and 7:00 PM; however, this time limitation shall not prevent the collection of material on an emergency basis during other hours when necessitated by natural catastrophe or other conditions beyond the control of the Contractor. The extension of the emergency hours shall at all times be subject to approval by the Township Manager.

4.01.11 Special Services for Elderly or Handicapped

Special service (back door pickup) will be provided for residents who need this type of service.

4.01.12 Recyclable Containers

Current containers have been provided by the Township and will continue to be used. Containers may be changed at the Township's discretion. The Township shall store all extra containers.

All recyclables to be collected must be placed at the designated location in time for collection by the Contractor. Collection shall be made along the street fronting said property. Recyclable-material receptacles shall be placed for collection at ground level on the property, not within the cart way of a street, and accessible to the side or curb of the street from which collection is made. Containers shall be returned to a location not within the cart way or street. Placement of containers for pick-up on private roads shall be the result of special arrangements between the resident and Contractor.

4.01.13 Handling of Containers

The Contractor shall take reasonable care in handling of recyclable containers and shall not willfully break, deface or damage the same. All containers broken or destroyed in improper or careless handling by the Contractor shall be replaced by the Contractor at his own expense.

4.01.14 Recyclable Materials To Be Property of Contractor

From the time of placement of recyclable materials at the curb or a similar area for collection, said materials shall be and become the property of the Township and the authorized Contractor. It shall be a violation of Township ordinances for any person(s) not authorized by the Township to collect or pick up, or cause to be collected or picked up, any such recyclable material.

4.01.15 Contractor to Have Telephone in House and/or Office

Contractor shall establish, maintain and list in the _____ Telephone Directory a toll-free telephone number within his house, office or plant which persons in the Township may use to contact Contractor and such telephone shall be attended between the hours of 7:00 a.m. and 6:00 p.m., every day each week, except Saturday, Sunday and holidays established by the Township.

4.01.16 Observance of Laws and Ordinances

All municipal ordinances, laws of the Commonwealth of Pennsylvania and of the United States, and rules and regulations promulgated there under shall be observed by the Contractor.

4.01.17 Education

_____ Township has established a public information and education program concerning recycling program features and requirements in accordance with the law of the Commonwealth of Pennsylvania. **[Township may specify education requirements of the hauler in this section]**

4.01.18 Responsibility of Contractor

The Contractor will be and is hereby responsible for any and all damages to property or person or persons or accidents which may occur to any person or persons in consequence of his act or the acts, of any agent or person in his employ. The Contractor agrees that the liability and Workers' Compensation Insurance shall be furnished protecting _____ Township against loss or injury occasioned by the acts of his employees in accordance with the requirements entitled "Insurance" on Page 23. The Contractor shall and does hereby save _____

Township harmless from any and all suits for damages that are or can be brought against the Township, its officials and employees in connection with the collection, transporting and processing of recyclable materials within the Township.

4.01.19 Recycling Vehicles

It shall be the Contractor's responsibility to maintain collection and processing vehicles in good condition, repaired and reasonably clean at all times. Trucks used for the collection of recyclables from residential units shall be of a size and type that can be operated on the streets and alleys of the Township without getting off the traveled portion of the roadway or doing damage to curbing, planted areas or private property. They shall be so constructed as to prevent leakage and shall be enclosed to the extent necessary to ensure no loss of waste from the vehicles during collection or transport, clean up any spillage or loss of recyclables that may occur during collection and transport. The Contractor shall immediately clean up any spillage or loss of recyclables that may occur during collection and transport. The Contractor shall not leave unattended any truck wholly or partially loaded with recyclables on any private or public properties in the Township except in an emergency situation or except as approved by the Township Manager.

Any vehicle used in the collection and transport of recyclables from the Township shall be assigned a numerical identification that shall be displayed on each side of the vehicle of a size that can be read by a person two hundred (200) feet from the vehicle. Each vehicle shall also have displayed on the sides, the Contractor's name and telephone number.

The Contractor shall provide the Township with a complete list of all collection vehicles to be used in the Township, specifying the make, model, license plate number, size, type of vehicle and the number assigned to the vehicle. The Contractor shall use no collection vehicle that is not properly listed with the Township. This list shall be updated and filed with the Township when a change in collection vehicles is made.

The Township shall have the right to inspect any collection vehicle at any time and any place it is being used within the Township. The Contractor shall make vehicles available for inspection whenever so requested by the Township at a time and place mutually agreed upon.

The Contractor shall be responsible to provide back-up or emergency vehicles meeting all of the above requirements so that, at no time, can the contract not be performed due to breakdown or lack of collection vehicles. Back-up or emergency vehicles shall be listed with the Township as specified above.

4.01.20 Loading of Material on Vehicles

Should the Contractor desire to load material on transfer vehicles or maintain a transfer station for loading same, such transfer station shall be located and operated so as not to cause a nuisance.

4.01.21 Investigation and Reporting of Complaints of Failure by Occupant

It will be the duty of the Township Manager to investigate all complaints made of failure by occupants of dwelling or dwelling units within the Township to comply with the provisions of the ordinances concerning recycling and to prosecute all offenders under such provisions.

4.01.22 Investigation and Handling of Complaints by Residents

All complaints by residents of the Township, made through the Township or directly to the Contractor regarding the services provided under the Contract, shall be responded to by the Contractor. The Contractor shall submit a report to the Township each month, by the fifteenth day of the following month, listing all of the complaints received by the Contractor during the previous calendar month. This report shall be on forms provided by the Township and shall include, at a minimum, the following information:

- A. Date of complaint
- B. Name, address, and telephone number of the complainant
- C. Description and nature of complaint
- D. Date of resolution of complaint
- E. Description of resolution of complaint

If the complaint has not been resolved, this should also be indicated.

The Township reserves the right to intercede in any unresolved complaint by a resident or property owner, to investigate said complaint and to act as an intermediary to bring the resident and the Contractor together to resolve the complaint.

It will be the duty of the Township Manager to investigate all complaints made of failure by occupants of dwelling or dwelling units within the Township to comply with the provisions of the ordinances concerning this Contract.

4.01.23 Conditions under which Contract may be Canceled or Terminated by the Township Commissioners.

If the work under this contract shall be abandoned by the contractor or if the contract shall be assigned or the work sublet by him other than as herein specified, or if at any time, the Commissioners of _____ Township shall be of the opinion and so certify in writing (which certificate shall be final, binding and conclusive on the Contractor) that the performance of the contract is being unnecessarily or unreasonably delayed, or that the Contractor is violating any of the conditions or covenants of this contract or the specifications thereof or is executing the same in bad faith or not in accordance with the terms thereof, the Township Commissioners may cancel and terminate this contract by a written notice to be served upon the Contractor either personally or by leaving it at his residence or office, and the Township Commissioners shall thereupon have the power and are hereby authorized to procure in the manner prescribed by law such and so much of said work to be performed as may be necessary to fulfill this contract, and in such cases, shall have the power and is hereby authorized to charge to the Contractor the amount of loss suffered by the, and upon a reletting of the contract, if amount of monies received by the Township shall be less than the amount which would have been payable under this contract if the

same had been completed by the Contractor, then the Contractor shall and will pay to the Township the amount of such differences.

4.01.24 Authorizing Township to Perform Contract

If the Contractor shall fail to perform any part of the work called for in this contract in accordance with the terms thereof and the Township Commissioners decide not to cancel and terminate this contract as provided hereinabove, the Township Manager shall have the power and is hereby authorized to perform or cause or procure to be performed such part of the work as the Contractor shall fail to perform at the expense of the Contractor and to deduct such expenses and collect the cost of same out of the bond filed by the Contractor in any legal proceedings or any loss by reason thereof or both, at the sole option of the Township Manager.

4.01.25 Modification of Contract

This contract and the specifications herein contained may be modified and changed from time to time only as may be agreed upon in writing in a manner not materially affecting the substance hereof, provided however that the consent of the Township Manager be first obtained. Ordinances will be adopted and/or amended by the Township Commissioners to conform to the contract or contracts awarded.

4.01.26 Municipal Recyclable Collection

The Contractor shall provide appropriately sized container(s), as determined by the Township, to collect, transport and process all municipal recyclables from the sites designated in Table 5, at no charge to the Township. This shall include any other recreational areas developed in the future by the Township or any other Township-owned or maintained facility. These sites will be serviced in accordance with a schedule determined by the Township.

TABLE 5 **Municipally Designated Sites**

During time of emergency or a natural disaster, the Contractor will provide sufficient roll-off containers to the Township, upon request, at standard, non-emergency prices.

4.01.27 **Option 1:** Municipal Billing and Payment Procedure

The mode of contract requires the Township to collect the monthly rate per dwelling unit. The Township will bill the customers quarterly and in advance. In the second month of the quarter, the Township will pay to the Contractor one-third (1/3) of the refuse fees collected during the first month of the quarter, that amount retained being the amount applicable to the second and third months of the quarter. In the third month of the quarter, the Township will add the 2/3 retention from the previous month to the refuse fees collected during the second month and pay to the Contractor one-half (1/2) of the total, that amount retained being the amount applicable to the third month of the quarter. In the first month of the following quarter, the Township will pay to the Contractor the remaining balance of refuse fees collected during the previous three months. The Township will charge the Contractor a collection fee of six percent (6%) of the total amount collected, as set forth in Section 3.06 of the General Conditions. The six percent (6%) shall be deducted from each payment to the Contractor. However, if the

Township receives, directly or through the Contractor, an excess of bona-fide complaints of substandard or lack of service within any given month of the calendar quarter, the collection fee shall increase to twelve percent (12%) of the total amount collected for that month. Excessive complaint schedule is contained in Section 3.06.

Option 2: Municipal Billing and Payment Procedure

The mode of contract requires the Contractor to collect the monthly rate per dwelling unit. The Contractor will bill the customers quarterly and in advance. The Township reserves the right to bill the Contractor a negligence fee of twelve percent (12%) of the total amount collected if the complaints received for substandard service are in excess of the numbers of complaints listed in Section 3.06 for any given month within the quarter.

4.01.28 Deductions to be Made for Vacant Dwelling or Dwelling Units

Deduction from the contract price for dwelling units paid to the Contractor shall be made and Contractor shall make no charge for vacant dwelling units where such vacancy shall have continued for a period of time as set forth in Township Ordinance and where notice thereof shall have been given by the owner of such dwelling unit to the Township.

4.01.29 Additions to the Contract Price

Additions to the contract price for dwelling units shall be made at the established bid price for new dwellings or dwelling units added in the Township after the effective date of this contract.

INSURANCE REQUIREMENTS

5.01 General

Policies shall be written with insurers rated at least “A” by Bests with a financial size category of at least “X”.

Under Items 5.3 and 5.4, _____ Township shall be named as an additional insured and be provided a 30-day notice of intent to cancel a policy or policies.

5.02 Workers’ Compensation, including occupational Disease and Employer's Liability Insurance.

A. Statutory - amounts and coverage as required by Workers' Compensation Laws of the Commonwealth of Pennsylvania.

B. Employer's Liability - at least \$100,000 each accident.

5.03 Public Liability, including coverage for direct operations, sublet work, elevators, contractual liability and completed operations with limits not less than those stated below:

A. Bodily Injury and Property Damage Liability - including personal injuries, \$1,000,000 each occurrence; \$2,000,000 annual aggregate.

Regarding Personal Injury - written on a non-participating basis (with no participation by insured).

5.04 Comprehensive Automobile Liability Insurance, including coverage for owned, non-owned and leased vehicles with limits not less than those stated below:

A. Bodily Injury Liability - \$1,000,000 each person; \$2,000,000 each accident.

B. Property Damage Liability - \$1,000,000 each accident; \$2,000,000 per occurrence

5.05 Umbrella Coverage - in the amount of \$2,000,000

CHECK LIST FOR RECYCLING COLLECTION CONTRACT

| <u>Included</u> | <u>Not Included</u> | |
|-----------------|-------------------------|--|
| _____ | _____ | Bid Bond or Certified Check in the amount equal to Ten percent (10%) of the annual bid amount (Sec. 2.03) |
| _____ | _____ | Completed Non-Collusion Affidavit (Sec. 2.13) |
| _____ | _____ | Notarized Financial Statement and Report (Sec. 3.01) |
| _____ | _____ | Plans and Specifications (Sec. 3.02) |
| _____ | _____ | Sworn Statement (Sec. 3.02) |
| _____ | _____ | Letter from a Recycling Center (Sec. 4.02.02) |
| _____ | _____ | Completed Questionnaire (Page 41) |

Documents to be Provided by Successful Bidder after Award

1. Written Agreement with Payment and Performance Bonds
2. Certificate of Insurance for all Insurance Coverage's (Page 31)

NON-COLLUSION AFFIDAVIT

Contract/Bid No. _____

State of _____

S.S.

County of _____

I state that I am _____ of _____
(Title) (Name of Firm)

and that I am authorized to make this affidavit on behalf of my firm and its owners, directors and officers. I am the person responsible in my firm for the price(s) and the amount of this bid.

I state that:

- (1) The price(s) and amount of this bid have been arrived at independently and without consultation, communication or agreement with any other Contractor, bidder or potential bidder.
- (2) Neither the price(s) nor the amount of this bid, and neither the approximate price(s) nor approximate amount of this bid, have been disclosed to any other firm or person who is a bidder or potential bidder and they will not be disclosed before bid opening.
- (3) No attempt has been made or will be made to induce any firm or person to refrain from bidding on this contract or to submit any intentionally high or noncompetitive bid or other form of complementary bid.
- (4) The bid of my firm is made in good faith and not pursuant to any agreement or discussion with or inducement from any firm or person to submit a complementary or other noncompetitive bid.

(5) _____
(Name of Firm)

its affiliates, subsidiaries, officers, director and employees are not currently under investigation by any governmental agency and have not in the last four years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to bidding on any public contract, except as follows:

I state that _____ understands and
(Name of Firm)

Acknowledges that the above representations are material and important, and will be relied on by
_____ Township in awarding that contract for which this bid is submitted. I understand
and my firm understands that any misstatement in this affidavit is and shall be treated as
fraudulent concealment from _____ Township of the true relating to the submission of
bids for this contract.

(Name and Company Position)

SWORN TO AND SUBSCRIBED
BEFORE ME THIS _____ DAY
OF _____, 20__

Notary Public

My Commission Expires

BID PROPOSAL

Proposal of _____ (hereinafter called "Bidder"),
organized and existing under the laws of the State of _____
doing business as _____.

In compliance with your Invitation for Bids, Bidder hereby proposes:

Recycling Collection, Transportation and Processing Services From Dwelling Units and Small
Businesses within the Township of _____

Contract No _____

in strict accordance with the Contract-Documents, within the time and conditions set forth
herein, and at the prices stated below.

By submission of this Bid, each Bidder certifies, and in the case of a joint bid, each party thereto
certifies as to its own organization, that this Bid has been made independently, without
consultation, communication or agreement as to any matter relating to this Bid with any other
Bidder or with any competitor.

Bidder hereby agrees to enter into a three (3) year contract as stipulated in the Contract
Documents. Bid quotation must be made both in figures and words.

The bid proposal will have three (3) quotations for Recyclables.

1. The first quotation will include a monthly rate per dwelling unit for the collection,
transportation and disposal of recyclables under **Option 1 or Option 2** (see 4.02.01 – insert
appropriate Option) to the disposal facility(ies) mentioned in Section 4.01.01 – **Option 1 or
Option 2**, with a method of collection of **Option 1 or Option 2** (see Section 4.01.08 – insert
appropriate Option) and a collection frequency of **Option 1, Option 2, Option 3 or Option 4**
(see Section 4.01.10 – insert appropriate Option) for Regular Customers. **MANDATORY**

2. The second quotation will include a monthly, reduced rate per dwelling unit for the
collection, transportation and disposal of **Option 1 or Option 2** (see 4.01.01 – insert
appropriate Option) to the disposal facility(ies) mentioned in Section 4.01.01 – **Option 1 or
Option 2**, with a method of collection of **Option 1 or Option 2** (see Section 4.01.08 – insert
appropriate Option) and a collection frequency of **Option 1, Option 2, Option 3 or Option 4**
(see Section 4.01.10 – insert appropriate Option) for Reduced Rate Customers. A reduced rate
will be given to residents who qualify for or participate in the Senior Citizen Property Tax
Rebate Program. Determination of eligible customers will be made by _____
Township. For bid purposes the assumption will be that there are _____ residents who will
qualify. There is absolutely no guarantee of the preciseness of this number. **MANDATORY**

3. The third quotation will include a monthly rate per dwelling unit for the collection, transportation and disposal of leaf waste under **Option 1 or Option 2** (see 4.01.02 – insert appropriate Option). This quotation will include transportation of the leaf waste to the Township’s facility located at _____ (address) as mentioned in section 4.01.03.
4. The fourth quotation will be for the collection of residential curbside HHW material (see definition of HHW, Section 4.01.07). **OPTIONAL**
5. The fifth quotation will be for the collection of residential curbside e-waste material (see definition of e-waste, Section 4.01.07). **OPTIONAL**
6. The sixth quotation will be for weekly collection of participating small business recyclables (see definition of Small Business, Section 4.01.03). **OPTIONAL**
7. Bidders are invited to submit add-alternate bids for the collection, transportation and disposal of additional recyclable materials (beyond the required materials) on the form below, for the Township’s consideration. **OPTIONAL**

BID PRICES

Quotation No. 1

Monthly rate of _____, (\$_____)
Per dwelling unit for Regular Customers for collection and disposal of recyclable materials.

Quotation No. 2

Monthly rate of _____, (\$_____)
Per dwelling unit for Reduced Rate Customers for collection and processing of recyclable materials.

TOTAL OF QUOTATION NOS. 1 and 2 \$_____

Quotation No. 3

Monthly rate of _____, (\$_____)
for weekly pick up of Yard Waste and delivery to each Municipality's Yard Waste Facility.

Quotation No. 4

Monthly rate of _____, (\$_____)
for residential curbside collection of HHW material (see definition of HHW, Section 04.01.07).

Quotation No. 5

Monthly rate of _____, (\$_____)
for residential curbside collection of e-waste material (see definition of e-waste, Section 04.01.07).

Quotation No. 6

Monthly rate of _____, (\$_____)
for weekly pick up of participating small business trash and recyclables (see definition of Small Business, Section 04.01.03).

Quotation No. 7 (Add-Alternate)

Bidder may include collection, transportation and disposal of additional recyclable items (to be delivered to the _____ Transfer Station/MRF). (4.01.01)

Recyclable Item

Monthly Cost Per Dwelling Unit-Increase (or Decrease)

EXCEPTION(S) TO CONTRACT DOCUMENT

As defined in the General Conditions, the bidder shall clearly define any exception(s) to the Contract Document. All exceptions shall be fully stated herein below:

Exception To:

Contract Document Item No.

Explanation of Exception

Unless otherwise noted above, the bidder hereby certifies that the Proposal as submitted fully complies with the Contract Documents.

Submitted By: _____

Signed

Representing

Printed

Title _____

Date _____

BID BOND

KNOW ALL PERSONS BY THESE PRESENTS, that we, the undersigned, _____

as Principal, and _____

as Surety, are hereby held and firmly bound unto the Township of _____,
_____, _____ County, Pennsylvania,

in the sum of _____ (\$_____) for the payment of
which, well and truly to be made, we hereby jointly and severally bind successors, assigns and
ourselves.

Signed, this _____ day of _____, 201_.

The condition of the above obligation is such that whereas the Principal has submitted to the
Owner a certain bid, attached hereto and hereby made a part hereof, to enter into a contract in
writing, to deliver:

Recycling Collection, Transportation and Processing Services
From Dwelling Units and Small Businesses within the
Township of _____

Contract No. _____

NOW, THEREFORE,

- (a) If said bid shall be rejected, or in the alternate,
- (b) If said bid shall be accepted and the Principal shall execute and deliver a contract in the
Form of Contract attached hereto (properly completed in accordance with said bid) and shall
furnish a bond for its faithful performance of said contract, and for the payment of all persons
performing labor or furnishing materials in connection therewith, and shall in all other respects
perform the agreement created by the acceptance of said bid, then this obligation shall be void.
Otherwise the same shall remain in force and effect, it being expressly understood and agreed
that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the
penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety
and its bond shall be in no way impaired or affected by any extension of the time within which
the Owner may accept such bid, and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

Principal_____ (L.S.)

(Seal)

Surety_____

By_____ (Seal)

IMPORTANT - Surety companies executing bonds must appear on the U.S. Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the Commonwealth of Pennsylvania.

QUESTIONNAIRE

(IMPORTANT - Each bidder must truthfully and fully complete this questionnaire. Attach supplemental page(s) if necessary.

1. Methods to be used in disposing of the recyclable material, including a detailed description of manpower to be dedicated to _____ Township (attach additional sheet, if necessary).

2. Precise location of recyclables disposal facility:

Approximate available capacity: _____

Improvements thereon: _____

Owned or leased: _____

If leased, give name and address of lesser and terms of lease:

3. Methods, apparatus and equipment to be used for the elimination and control of nuisances which may arise during the process of collection, treating and disposal of material: (set forth in detail)

4. Number and Description of Vehicles:

| <u>Make and Year Model No.</u> | <u>Type of Body</u> | <u>Capacity</u> | <u>Present Condition</u> | <u>Present Location</u> |
|------------------------------------|-------------------------|-----------------|------------------------------|-----------------------------|
| _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ |

5. Experience in the collection and disposal of recyclables. How many years have you engaged in the business of collection and disposal of these materials? _____

What municipal contracts similar to this have you had within the last ten (10) years?

| <u>Name of Municipality</u> | <u>Date of Contract</u> | <u>Term of Contract</u> |
|-----------------------------|-----------------------------|-----------------------------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Have you ever defaulted in any of the aforementioned contracts? _____

If so, give details. _____

6. Have there been any judgments or are there any unsatisfied judgments entered against you within the past five (5) years? _____

If so, give details. _____

7. Give name and address of Surety Company which has agreed to act as surety on your bond should the contract be awarded to you.

8. List below the names and addresses of Surety Companies which have heretofore bonded you on municipal contracts.

9. Give address and telephone number of local office. If none now exists, indicate proposed location and name of staff personnel in charge. Also, list office hours and personal phone number of bidder.

10. Attach hereto a full and complete statement under notarized oath of financial operating statement for prior year's operation, per Section 3.01 of General Conditions.

The bidder hereby certifies that the answers to this questionnaire are true and correct and further agrees that said answers shall be considered as an integral part of this proposal.

| | |
|-------|----------------|
| _____ | _____ |
| Date | Company |
| | By _____ |
| | (Printed Name) |

_____, being duly sworn according to law, deposes and
Title

says that the facts and answers in the foregoing questionnaire are true and correct to the best of his/her knowledge, information and belief.

(Signature)

Sworn to and subscribed before me

this _____ day of _____ 201_.

Notary Public

NOTICE OF AWARD

TO: _____

PROJECT DESCRIPTION: Recycling Collection, Transportation and
Processing Services from Dwelling Units within the
Township of _____.

Contract No. Joint _____

_____ Township has considered the Bid submitted by you for the above-described project
in response to its Invitation to Bidders dated _____ and the related Contract
Documents.

You are hereby notified that your Bid has been accepted as shown in your Bid Proposal.

You are required by the Instructions to Bidders and/or the General Conditions to execute the
Agreement and furnish the required Contractor's Performance Bond and Payment Bond within
ten (10) calendar days from the date of this Notice to you. If you fail to execute said Agreement
and to furnish said Bonds within ten days from the date of this Notice, _____ Township
will be entitled to such other rights as may be granted by law, including but not limited to
retention of bid deposit or forfeiture of bid bond sum.

You are required to return an acknowledged copy of this Notice of Award to _____
Township, _____, _____, PA _____.

Dated this _____ day of _____, 201__.

FOR _____ TOWNSHIP By: _____

ACCEPTANCE OF AWARD

Receipt of the above Notice of Award is hereby acknowledged this _____ day of _____, 201_.

By: _____

Title: _____

NOTE: Failure to return an acknowledgment of this Notice of Award does not relieve the Contractor of the conditions imposed by the Instructions to Bidders and/or General Conditions.

AGREEMENT

THIS AGREEMENT, made this _____ day of _____ 201_,

By and between the TOWNSHIP OF _____, _____ County, Pennsylvania, hereinafter called "OWNER" and _____, doing business as (an individual) or (a partnership) or (a corporation), hereinafter called "Contractor".

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned:

1. The Contractor hereby promises and agrees to collect, transport and process recyclable materials from dwelling units within the corporate limits of _____ Township as at present existing to the satisfaction and acceptance of the Township Commissioners for the term of three (3) years, beginning _____ and ending _____, pursuant to and in strict and full compliance with the Contract Documents, Contract No. _____.

2. Terms used in the Agreement which are defined in the General Conditions, if included in the Contract Documents, shall have the meanings indicated in the General Conditions.

3. The term "Contract Documents" means and includes the following, but shall not be limited to:

- A. Invitation to Bidders
- B. Instructions to Bidders
- C. General Conditions
- D. Specifications
- E. Insurance Requirements
- F. Checklist for Solid Waste Collection Contract
- G. Non-Collusion Affidavit
- H. Bid Proposal
- I. Exception(s) to Contract Documents
- J. Bid Bond
- K. Questionnaire
- L. Notice of Award
- M. Agreement
- N. Performance Bond
- O. Payment Bond
- P. Notice to Proceed

4. The Contractor agrees to complete the project as described in the Contract Documents as shown on the Bid Proposal, for the monthly rate of \$_____.

5. Neither the Owner nor the Contractor shall, without the prior written consent of the other, assign or sublet in whole or in part his interest under any of the Contract Documents, and specifically, the Contractor shall not assign any monies due or to become due without the prior written consent of the owner.

6. The Contract Documents constitute the entire Agreement between the Owner and the Contractor and may only be altered, amended or repealed by a duly executed written instrument.

7. This Agreement shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors and assigns.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their dully authorized officials, this Agreement in duplicate, each of which shall be deemed an original on the date first above written.

FOR THE OWNERS:

CONTRACTOR:

TOWNSHIP OF _____

By:_____

By:_____

(Printed)

(Printed)

(Vice) President

Title

Address

Address

Telephone

Telephone

PERFORMANCE BOND

KNOW ALL PERSONS BY THESE PRESENTS: that

Name of Contractor _____

Address: _____

a _____, hereinafter called Principal, and
(Corporation, Partnership, or Individual)

Name of Surety _____

Address _____

hereinafter called Surety, are held and firmly bound unto:

Name of Owner: TOWNSHIP OF _____, _____ County, Pennsylvania _____

Address _____

hereinafter called Owner, in the penal sum of:

_____ dollars

(\$ _____) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is. such that whereas the Principal entered into a certain contract with the Owner, dated the _____ day of _____, 201_, a copy of which is hereto attached and made a part hereof, for:

NOW, THEREFORE, if the Principal shall well, truly and faithfully perform its duties, all the undertakings, covenants, terms, conditions and agreements of said contract during the original term thereof, and any extensions thereof which may be granted by the owner, with or without notice to the Surety and during the one year guaranty period, and if he shall satisfy all claims and demands incurred under such contract, and shall fully indemnify and save harmless the owner from all costs and damages which it may suffer by reason of failure to do so, and shall reimburse and repay the Owner all outlay and expense which the owner may incur in making - good any default, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said surety, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to work to be performed there under or the specifications accompanying the same shall in any wise affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the work of the specifications.

PROVIDED, FURTHER, that no final settlement between the Owner and Contractor shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in two (2) counterparts, each one of which shall be deemed an original, this the _____ day of _____, 201_.

Principal _____

By _____

Title _____

Address _____

Attest: (SEAL)

Witness: _____

Attorney-in-fact: _____

By _____

Address _____

Attest: (SEAL)

Witness: _____

NOTE: Date of Bond must not be prior to date of Contract. If Contractor is Partnership, all partners should execute bond.

IMPORTANT: Surety companies executing bonds must appear on the U.S. Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the Commonwealth of Pennsylvania

PAYMENT BOND

KNOW ALL PERSONS BY THESE PRESENTS: that

Name of Contractor _____

Address: _____

a _____, hereinafter called Principal, and
(Corporation, Partnership, or Individual)

Name of Surety _____

Address _____

hereinafter called Surety, are held and firmly bound unto:

Name of Owner: TOWNSHIP OF _____, _____ County, Pennsylvania

Address _____

hereinafter called Owner, in the penal sum of:

_____ Dollars

(\$ _____) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind successors, assigns, and ourselves jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas the Principal entered into a certain contract with the Owner, dated the _____ day of _____, 201_, a copy of which is hereto attached and made a part hereof, for:

NOW, THEREFORE, if the Principal shall promptly make payment to all persons, firms, subcontractors, and corporations furnishing materials for or performing labor in the prosecution of the work provided for in such contract, and any authorized extension or modification thereof, including all amounts due for materials, lubricants, oil, gasoline, coal and coke, repairs on or rentals of machinery, equipment and tools consumed or used in connection with the construction of such work, and all insurance premiums on said work, and for all labor performed in such work whether by subcontractor or otherwise, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that said Surety, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to the work to be performed there under or the specifications accompanying the same shall in any wise affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the work or to the specifications.

PROVIDED, FURTHER, that no final settlement between the Owner and the contractor shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in two (2) counterparts, each one of which shall be deemed an original, this the _____ day of _____, 201_.

Principal _____

By _____

Title _____

Address _____

Attest: (SEAL)

Witness: _____

Attorney-in-fact: _____

By _____

Address _____

Attest: (SEAL)

Witness: _____

NOTE: Date of Bond must not be prior to date of Contract. If Contractor is Partnership, all partners should execute bond.

IMPORTANT: Surety companies executing bonds must appear on the U.S. Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the Commonwealth of Pennsylvania

NOTICE TO PROCEED

TO: _____

DATE: _____

PROJECT: Recycling Collection, Transportation
and Processing Services from Dwelling Units and
Small Businesses within the Township of

Contract No. _____

You are hereby notified to proceed in accordance with the Agreement dated _____
_____, 201_.

FOR THE OWNERS:

_____ **TOWNSHIP**

By: _____

Printed _____

Title _____

You are required to return an acknowledgment of this Notice to Proceed to _____
Township, _____, _____, Pennsylvania _____.

ACCEPTANCE OF NOTICE

Receipt of the above Notice to Proceed is hereby acknowledged by _____
_____ this _____ day of _____, 201_.

By _____

Printed _____

Title _____

NOTE: Failure to return acknowledgment of the Notice to Proceed does not relieve the Contractor of conditions imposed by the Agreement.

Sample Waste and Recycling Municipal Bid

CONTRACT DOCUMENTS

FOR

SOLID WASTE COLLECTION, TRANSPORTATION AND DISPOSAL SERVICES AND
RECYCLING COLLECTION, TRANSPORTATION AND PROCESSING SERVICES FROM
DWELLING UNITS WITHIN THE TOWNSHIP OF _____

Bid opening - _____ ; _____ p.m.

Bid Due - _____ ; _____ p.m.

_____ TOWNSHIP (written for a Township, but could be used for a City, Borough or
Town)

_____ (address)

_____, PA _____

Questions concerning the attached Contract Documents may be referred to:

_____ Township -

Monday through Friday, between the hours of 8:00 a.m. and 4:00 p.m.

This package represents all documents a successful Bidder shall be responsible for completing.
Please return the entire package with the appropriate, completed information.

Proposal being submitted by:

Company Name

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INVITATION TO BIDDERS

Officials of the Township of _____, _____ County, will accept sealed proposals at the _____ Township Municipal Building, _____ until 4:00 PM on _____, to be opened at 7:30 PM or shortly after that same day for the following:

Solid Waste Collection, Transportation and Disposal Services
and Recycling Collection, Transportation and Processing Services from
Dwelling Units within the Township of _____

Option 1: Solid Waste Contract will be for unlimited bags with a graduated rate structure for those qualifying for the Pennsylvania Senior Citizen Property Tax Rebate Program. Further, _____ Township shall allow small businesses to participate in the collection program.
(optional)

Option 2: Solid Waste Contract will be for the collection of six (6) containers (or another number), plastic bags or bundles of the authorized size and weight with a graduated rate structure for those qualifying for the Pennsylvania Senior Citizen Property Tax Rebate Program. Further, _____ Township shall allow small businesses to participate in the collection program.
(optional)

Option 3: Solid Waste Contract will be for (insert Option 1 or 2). In addition to all of the above requirements, a (tag-a-bag or pay-per-bag) program shall be offered. The Township will be responsible for selling the “tags or bags” at an amount determined by the hauler. All participants of this program will still be required to pay a quarterly fee for the removal of recyclables.

Option 4: Solid Waste Contract will be for a (tag-a-bag or pay-per-bag) program. The Township will be responsible for selling the “tags or bags” at an amount determined by the hauler. All participants of this program will still be required to pay a quarterly fee for the removal of recyclables.

Option 5: Solid Waste Contract will be for a (tag-a-bag or pay-per-bag) program. The Contractor will be responsible for providing residents with the “tags or bags”. All participants of this program will still be required to pay a quarterly fee for the removal of recyclables.

A pre-bid meeting will be held at _____(time) at the _____ Township Municipal Building, _____(address). Attendance at the pre-bid meeting is not mandatory but is recommended.

Proposals must be submitted upon forms furnished by and available at the Township and must be sealed with proper identification of subject bid on the outside of the envelope. All bids must be accompanied by a certified check or bid bond in the amount of ten percent (10%) of the bid.

Instructions, specifications, and bid forms may be obtained at the _____ Township office at the above address from 8:00 a.m. to 4:00 p.m., Monday through Friday, except for holidays.

The Commissioners of _____ Township reserve the right to reject any or all bids and to waive any defects or irregularities in the best interest of the Township.

_____, **Manager**
_____, **TOWNSHIP**

INSTRUCTIONS TO BIDDERS

2.01 Pre-Bid Conference

A pre-bid meeting will be held at _____(time) at the _____
Township Municipal Building, _____(address).
Attendance at the pre-bid conference is not mandatory but is recommended.

2.02 Sealed Bids or Proposals

Sealed bids or proposals shall be addressed to Township Manager, _____
Township Municipal Building, _____(address), and
marked "Solid Waste and Recycling Collection, Transportation and Disposal Services Proposal"
and shall be received at the office of the _____ Township Manager until 4:00 PM on
_____(date) to be publicly opened and read at 7:30 PM or shortly
thereafter.

2.03 Printed Form of Bids

All proposals shall be made upon the blank form of proposal attached hereto and must
give the price proposed, both in words and figures (typed or written in ink), and must be signed
by the bidder with his full name and address; or where a partnership, the name and address of
each partner in full; or, if a corporation, the place where chartered and the names, titles and
business address of the President, Secretary and Treasurer. In submitting bids, the proposal form
must not be removed from the Contract Documents, but deposited intact as received and properly
sealed.

2.04 Certified Check or Bid Bond

Proposals must be accompanied by a certified check or bid bond with responsible
corporate surety payable to the order of _____ Township in an amount equal to ten percent
(10%) of the annual bid amount.

The above-mentioned check or bid bond shall be forfeited to _____ Township in
the event the Contractor fails or refuses to enter into the contract and to post Performance and
Payment Bonds as hereinafter specified, not as penalty, but as just and liquidated damages for the
delay and additional costs or expenses incurred by _____ Township by reason of failure to
execute the contract and give bond as required.

2.05 Certified Check or Bid Bond Return

The certified checks or bid bonds of the unsuccessful bidders will be returned after the
contract is awarded and the check or bid bond of the successful bidder will be returned to him
after the execution of the contract and bonds. _____ Township shall not be liable for any
interest on any bid deposits.

2.06 Contract and Bond

A contract(s) will be awarded to the lowest, responsible bidder(s) subject to the provision of Paragraph 2.06 below. The successful bidder shall, within ten (10) days after notification of award, enter into a written contract with _____ Township and shall furnish Performance and Payment Bonds issued by an approved surety company authorized to do business in the Commonwealth of Pennsylvania, in the amount of one hundred percent (100%) of the annual bid price, conditioned that he shall comply in all respects with the terms and conditions of the contract, and his obligation there under, including the specifications, and shall indemnify and save harmless _____ Township against or from any and all costs, expenses, damages, injury or loss to which _____ Township may be subjected by reason of any wrongdoing, misconduct, want of care or skill, negligence, or default upon the part of the Contractor, his agents or employees, in or about the execution or performance of the contract, including said specifications, and shall indemnify and save harmless _____ Township against and from any and all liability demands, or claims against it or losses to it from any cause whatever, including, but not limited to, patent infringements in the matter of completing said contract, said bond to be subject to the approval of the Township Solicitor. In case of failure or refusal on the part of the bidder to enter into said contract and file the aforesaid bond within ten (10) days of the Notice of Award, the amount of the check or bid bond will be forfeited and paid to _____ Township as more fully provided in Paragraph 2.04 above.

2.07 Reservations and Annulments

The Township Commissioners will determine who is the lowest responsible bidder upon the basis of the bids submitted, and reserve the right to reject any or all bids, and may re-advertise if it is in the best interest of the Township. Said Commissioners also reserve the right to waive technical defects, if, in their judgment, the interest of the Township shall so require; also, the right to cancel and annul any contract if, in their opinion, there shall be failure at any time to perform faithfully any of its stipulations, or in case of a willful attempt to impose upon the Township articles or service inferior to those required by the contract. Any action taken in pursuance of this latter stipulation shall not affect or impair any right or claim of the Township to damages for the breach of any of the covenants of the contract by the Contractor. No proposal may be considered from any person, firm or corporation, who has defaulted in the performance of any contract or agreement made with the Township or conclusively shown to have failed to perform satisfactorily any such contract or agreement.

2.08 Bids May Be Rejected as Informal

Proposals or bids which contain erasures, alteration, conditional bids, omissions, or irregularities of any kind shall be rejected as informal.

2.09 Changes Prior to the Opening of Bids

During the period allowed for preparation of bids, the bidders may be furnished addenda or bulletins for additions to or alterations of the Specifications, which shall be included in the work, covered by the Proposal and become a part of the Contract Documents. If any prospective bidder is in doubt as to the true meaning of any part of the Specifications or other Contract Documents, he may submit to the Township Manager a written request for an interpretation thereof. The bidder submitting the request will be responsible for its prompt delivery. Any

interpretation of the Contract Documents will be made only by an addendum duly issued and a copy of such addendum will be mailed or delivered to each prospective bidder of record. The Township shall not be responsible for any other explanations or interpretations of the proposed Contract Documents.

2.10 Withdrawal of Bids

No bid may be withdrawn for a period of ninety (90) days after the date and time designated for the opening thereof.

2.11 Contract Documents

This contract will be awarded in accordance with the following documents:

- | | |
|----------------------------|---------------------------------------|
| 1. Invitation to Bidders | 9. Exception(s) to Contract Documents |
| 2. Instructions to Bidders | |
| 3. General Conditions | 10. Bid Bond |
| 4. Specifications | 11. Questionnaire |
| 5. Insurance Requirements | 12. Notice of Award |
| 6. Checklist | 13. Agreement |
| 7. Non-Collusion Affidavit | 14. Performance Bond |
| 8. Bid Proposal | 15. Payment Bond |
| | 16. Notice to Proceed |

2.12 Familiarization

Before bidding, all contractors are requested to carefully read and thoroughly familiarize themselves with the above documents. Special attention is called to the fact that the Contractor must furnish a disposal plant or dumping area.

2.13 Length of Contract

The bids shall be for the collection and disposal of trash, garbage, ashes, grass and recyclable materials collected from dwelling units and small businesses within the corporate limits of _____ Township as at present existing, for the term of approximately three (3) years beginning _____ and ending on _____ with the option to extend the contract for two (2) additional years. The parties agree to extend the terms of Contract if (a) _____ Township signifies its desire to extend by notice to Contractor not later than one hundred eighty (180) calendar days prior to the expiration of the basic terms of the Contract; and (b) the Contractor has not signified its desire to not so extend by notice to the Township not later than one hundred eighty (180) calendar days prior to the expiration of said contract.

2.14 Non-Collusion Affidavit

In accordance with the Pennsylvania Antibid Rigging Act that became effective on October 23, 1983, the Township requires each bidder to complete and file a Non-Collusion Affidavit. The Affidavit is to be completed as follows:

- A. This Non-Collusion Affidavit must be executed by the member, officer or employee of the bidder who makes the final decision on prices and the amount quoted in the bid.

B. Bid rigging and other efforts to restrain competition, and the making of false sworn statements in connection with the submission of bids are unlawful and may be subject to criminal prosecution. The person who signs the Affidavit should examine it carefully before signing and assure himself or herself that each statement is true and accurate, making diligent inquiry, as necessary, of all other persons employed by or associated with the bidder with responsibilities for the preparation, approval or submission of the bid.

C. In the case of a bid submitted by a partnership or other joint venture, each party to the venture must be identified in the bid documents, and an Affidavit must be submitted separately on behalf of each party.

D. The term "complementary bid" as used in the Affidavit has the meaning commonly associated with that term in the bidding process and includes the knowing submission of bids higher than the bid of another firm, any intentionally high or noncompetitive bid, and any other form of bid submitted for the purpose of giving a false appearance of competition.

E. Failure to file an Affidavit in compliance with these instructions will result in disqualification of the bid.

GENERAL CONDITIONS

3.01 Financial Statement

Each proposal shall be accompanied by a full and complete statement under notarized oath certifying to the financial condition of the bidder. In addition, the bidder shall furnish to the Township Manager a new and complete financial report of bidder's prior year's operation, including any and all information pertinent to actual collection, disposal and billing operations, setting forth all costs, wage rates and other information necessary to determine financial responsibility of the bidder.

3.02 Plans and Specifications

With each proposal, the bidder must furnish one (1) set of general plans and specifications setting forth the equipment, size of work crew or crews, times of collection in accordance with all local ordinances, as documented in Section 4.01.07 below, routing, and methods proposed for collecting, receiving, transporting, conveying, handling and disposing of the trash, garbage, ashes and refuse. In particular, the methods, size and location of disposal area apparatus and equipment for the elimination and control of nuisances that may arise during the process of collection, treating or disposal of the material shall be shown, specified and described in sufficient detail to enable the Township Manager to judge the adequacy and sufficiency, as it is an essential requirement of this contract, to ensure that neither objectionable odors, noxious gases nor putrescent liquid shall escape during or after the process of collection, treatment or disposal to the extent of constituting a public nuisance or hazardous or toxic waste. In addition, the bidder shall submit a sworn statement stating that he will abide by all ordinances, rules and regulations of any municipality, providing for making available landfill or other disposal facilities, and of any other governmental unit having jurisdiction thereof, including the Perry County Solid Waste Management Plan.

3.03 Questionnaire

The attached questionnaire must be fully and completely answered.

3.04 **Option 1:** Designated Disposal Facility

The disposal facility that the bidder proposes to use in the disposal of garbage, ashes and refuse shall be listed as a designated disposal facility in the most recent Perry County Solid Waste Management Plan. All recyclables must be transported to a recyclables processing facility within the County.

Option 2: Designated Disposal Facility

The disposal facility that the bidder proposes to use in the disposal of garbage, ashes and refuse shall be listed as a designated disposal facility in the most recent Perry County Solid Waste Management Plan. All recyclables collected within the County will be disposed of at the

_____ Transfer Station/MRF located at
_____ (address).

Option 3: Designated Disposal Facility

The bidder must dispose of all garbage, ashes and refuse at the _____ Landfill/Transfer Station. All recyclables must be transported to a recyclables processing facility within the County.

Option 4: Designated Disposal Facility

The bidder must dispose of all garbage, ashes and refuse at the _____ Landfill/Transfer Station. All recyclables must be transported to the _____ Transfer Station/MRF located at _____ (address).

3.05 Not to Sublet or Assign Contract

The Contractor shall devote his personal attention constantly to the faithful performance of the work and shall keep the same under his own control, and shall not transfer or assign such responsibility by power of attorney or otherwise, nor sublet the work or any part thereof without the previous written consent of the Township Manager. In the latter case, he shall petition the Township Manager in writing, certifying the name and address of each such assignee or subcontractor as he intends to engage, the portion of the work which he is to do or the material which he is to furnish, his place of business and such other information as the Township Manager may require in order to know whether such subcontractor is respectable, reliable and able to perform the work as called for in the Specifications. He shall not, either legally or equitably, assign any of the monies payable under the contract unless by and with the like consent of the Township Manager. If such assignment, subcontracting or delegation is permitted by the Township Manager, the Contractor shall not be released from any of his liabilities or obligations under this contract, but shall remain responsible and liable to the Township should any subcontractor fail to perform in a satisfactory manner the work undertaken by him.

3.06 Option 1: Payments to Township as to Dwelling Units

The Township will collect the monthly rate per dwelling unit and remit the net amount to Contractor. The Township will charge the Contractor a collection fee of six percent (6%) of all amounts collected. However, if the Township receives, directly or through the Contractor, an excess of bona-fide complaints of substandard or lack of service within any given month of the calendar quarter, the collection fee shall increase to twelve percent (12%) of the total amount collected for that month. Excessive complaints shall be defined for the purposes of this contract as 20 or more calls per month. The price bid shall cover the cost of all labor, material and any other costs and expenses needed to complete the contract in all details, including the collection fee to the Township. The Township will pay and the Contractor shall accept the price stipulated with respect to dwelling units in the proposal hereto attached as full compensation for the collection and disposal of trash, garbage, ashes and refuse and the collection, transportation and processing of recyclable materials thereafter. The Township will not be liable for or responsible to pay to the Contractor any interest on any amounts collected.

Option 2: Payments to Township as to Dwelling Units

The Contractor will collect the monthly rate per dwelling unit. The Township will charge the Contractor a negligence fee of twelve percent (12%) of the total amount collected for that month if it receives excessive complaints shall be defined for the purposes of this contract as

20 or more calls per month. The price bid shall cover the cost of all labor, material and any other costs and expenses needed to complete the contract in all details. The Township will not be liable for or responsible to pay to the Contractor any interest on any amounts collected.

3.07 Time of Commencement

The Contractor shall begin work for the collection and disposal of trash, garbage, ashes and refuse on _____ through and including _____ and shall begin work for the collection, transportation and processing of recyclable materials on _____ through and including _____.

3.08 Bidder's Responsibility as to Number of Dwelling Units

It is required that the bid under this proposal shall be for a monthly rate per dwelling unit. A "dwelling" is a building used for residential purposes, except hotels, boarding and lodging houses, tourist cabins, motels and apartments with more than six-dwelling units. All bidders are advised and cautioned that the Township makes no warranty as to the number of dwellings within the Township now or at any time in the future. It will be the responsibility of the successful bidder to ascertain the number of dwelling units from time to time and to deliver the information to the Township. As the bid under this proposal is for a monthly rate per dwelling unit, nothing herein is to be construed as a warranty as to the number of dwelling units or the gross amount which may be received at any time by the successful bidder. Estimated number of dwelling units within the Township during the term of this contract are as follows: 20__ – X,XXX, 20__ – X,XXX, and 20__ – X,XXX. There is absolutely no guarantee of the preciseness of these numbers.

3.09 Taxes

All present and future state and/or local taxes (excluding landfill tipping fees) imposed on solid waste collection and/or disposal will be handled on a pass-through basis and are not to be included in the bid.

3.10 Tons of Trash Collected in 20__

Based on the tonnage reported to _____ Township by the current contractor, estimated trash tonnage for the year 20__ is as follows: Trash – X,XXX tons, Yard Waste – XXX tons.

3.11 Tons of Recyclables Collected in 20__

Estimated yearly total of combined residential recyclables is XXX tons.

SPECIFICATIONS

4.01 Solid Waste Collection, Transportation and Disposal Services

4.01.01 Work to be Done

The work to be done under the contract with respect to dwelling units consists of the collection of all garbage, trash, ashes and refuse from dwelling units within the corporate limits of _____ Township by the use of closed unit vehicles from the curb, alley or such other location as established by the Township, and disposal in the manner herein described. _____ Township allows small businesses to voluntarily participate in the solid waste collection program.

4.01.02 Length of Contract

The bids shall be for the collection, transportation and disposal of solid waste materials collected from dwelling units within the corporate limits of _____ Township as at present existing, for the term of three (3) years, beginning _____ through and including, _____ with the option to extend the contract for two (2) additional years. The parties agree to extend the terms of the Contract if (a) the Township signifies its desire to extend by notice to Contractor not later than one hundred eighty (180) calendar days prior to the expiration of the basic terms of the Contract; or (b) the Contractor has not signified its desire to not so extend by notice to the Township not later than one hundred eighty (180) calendar days prior to the expiration of said contract.

4.01.03 Definitions

Definitions as defined in these specifications mean:

- A. Garbage – all table refuse, animal and vegetable matter, offal from meat, fish and fowl, fruits, vegetables and parts thereof, and all other articles and materials ordinarily used for food which have become unfit for such use or which are for any reason discarded, and grass clippings.
- B. Ashes - residue from burning of wood, coal, coke, or other combustible materials.
- C. Refuse – all waste that is not a bulk item, including furniture, carpet, televisions and like, but excluding tires and white goods.
- D. Rubbish - includes glass, metal, paper, plastic, wood or any other non-putrescent solid waste.
- E. Trash - same as Rubbish.
- F. Material - includes garbage, trash, ashes, refuse and rubbish.

G. Dwelling Unit - one or more rooms in a dwelling which room or rooms has fixed cooking facilities arranged for occupancy by one person, two or more persons living together, or one family.

H. Dwelling - a building or structure containing dwelling units, but shall not include hotels, motels, tourist cabins, mobile homes in an established mobile home park or an apartment or condominium building were containing more than six dwelling units.

I. Bulk Item – any item that is too large or bulky to be picked up by one person.

J. White Goods – large appliances, such as washers, dryers, which do not contain CFC (FREON).

K. Substandard Service – trash and/or recyclables not collected on regularly scheduled day, containers not returned to place of collection, mishandled containers, any uncollected material that is left behind, or any other violation of the requirements herein. (Final decision rests with Township Manager.)

M. Small Business - a business establishment that produces five (5) or less 40-gallon containers of garage, ashes, refuse and recyclables per week.

N. Hazardous Waste - any chemical, compound, mixture, substance, or article which is designed by the United States Environmental Protection Agency of the state to be “hazardous” as term is defined by or pursuant to Federal or state law, for the purpose of this General Information for Bidders, includes residual waste as that term is defined by or pursuant to federal law or regulation.

O. Yard Waste - garden residue, shrubbery, tree trimmings and similar materials (excluding grass clippings and leaves) no longer than six (6) feet in length and twelve (12) inches in diameter.

4.01.04 **Option 1:** Provisions for Place of Dumping

The Contractor shall dispose of all trash and similar material to be collected during this contract in a disposal facility listed in the Perry County Solid Waste Management Plan as a designated disposal facility. In addition, the Contractor must submit with his bid proper proof in writing that he will dispose of waste at a designated disposal facility. In addition, the bidder shall submit a sworn statement stating that he will abide by all statutes, ordinances, rules and regulations of any municipality containing such disposal facilities and of any other governmental unit having jurisdiction thereof. In the event that _____ Township provides or makes available a disposal plant or dumping area, through agreement with any state, county, political subdivision or municipal authority thereof, Contractor agrees to use such disposal facilities, and _____ Township reserves the right to charge a fee for the use of such facilities. In such case, the Contractor shall have the right to increase his charges in such amount, but only in such amount as will enable him to recover increased disposal charges, if any.

Option 2: Provisions for Place of Dumping

The Contractor shall dispose of all trash and similar material to be collected during this contract at the _____ Landfill/Transfer Station. In addition, the Contractor must submit with his bid proper proof in writing that he will dispose of waste at this facility. In addition, the bidder shall submit a sworn statement stating that he will abide by all statutes, ordinances, rules and regulations of any municipality containing such disposal facilities and of any other governmental unit having jurisdiction thereof. In the event that _____ Township provides or makes available a disposal plant or dumping area, through agreement with any state, county, political subdivision or municipal authority thereof, Contractor agrees to use such disposal facilities, and _____ Township reserves the right to charge a fee for the use of such facilities. In such case, the Contractor shall have the right to increase his charges in such amount, but only in such amount as will enable him to recover increased disposal charges, if any.

4.01.05 Methods of Collection

All material must be collected in watertight, covered plastic or metallic cans or durable and watertight plastic bags that can be easily and quickly handled by one man, capable of being removed without spilling, which shall be loaded in the compactor trucks and delivered to the disposal facilities. Contractor shall be responsible for retrieving all materials spilled by it in the collection and disposal process.

Trucks to be used for the removal of material shall be of metal body, securely covered, watertight, kept thoroughly clean, repaired and well painted and must have the name of the Contractor and telephone number painted on each side of the same in letters of a size to be read at a distance of 25 feet and always legible.

The Township shall have the right to inspect any collection vehicle at any time and at any place it is being used within the Township. The Contractor shall make vehicles available for inspection whenever so requested by _____ Township at a time and place mutually agreed upon.

4.01.06 Option 1: Time When Collections Shall be Made

Collections from dwellings or dwelling units shall be made one (1) time per week during all the months of January through and including December, maintaining current schedules. When a holiday falls on a regular collection day, that collection will be on the day following the holiday. Holidays shall include New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas and others that are submitted and approved by the Township Manager.

Option 2: Time When Collections Shall be Made

Collections from dwellings or dwelling units shall be made one (1) time bi-weekly during all the months of January through and including December, maintaining current schedules. When a holiday falls on a regular collection day, that collection will be on the day following the holiday. Holidays shall include New Year's Day, Memorial Day, Fourth of July,

Labor Day, Thanksgiving Day, Christmas and others that are submitted and approved by the Township Manager.

4.01.07 Hours When Collections Shall be Made

All collections shall be made between the hours of 7:00 AM and 7:00 PM; however, this time limitation shall not prevent the collection of material on an emergency basis during other hours when necessitated by natural catastrophe or other conditions beyond the control of the Contractor. The extension of the emergency hours shall at all times be subject to approval by the Township Manager.

4.01.08 Cans or Containers to be Provided by Occupants (OPTIONS 1-3)

All parties or persons occupying dwelling units within the Township will be required by the Township to provide and use (a) refuse containers of durable, watertight, rust-resistant materials having a close fitting lid with handles with a capacity of not more than forty (40) gallons and shall be of such size as can be handled easily by one man; or (b) durable and watertight plastic bags.

The maximum weight of a filled container shall not exceed sixty (60) pounds, and the maximum weight of a filled plastic bag shall be limited to such weight as will not cause the bag to break when lifted and carried to Contractor's equipment. Garbage shall be thoroughly drained of all water and wrapped in paper. All rubbish containers or plastic bags shall be securely covered or tied, as the case may be.

Refuse containers and all materials from dwelling units shall be placed behind the curb and, where there is no curb, immediately next to but off the paved portion of the roadway. In case of dispute, the Township Manager shall decide the location to be used for placing of containers by the occupant of the dwelling unit. Special arrangements may be made with the Contractor to remove ashes from the cellar or other places on the premises. Placement of containers for pickup on private roads shall be the result of special arrangements between Contractor and resident.

Cans or Containers to be Provided by Occupants (PAYT ONLY – OPTION 4 and 5)

All parties or persons occupying dwelling units within the Township will be required by the Township to purchase tags/bags from _____ (location where these items can be purchased) to be used to dispose of household waste or to be placed on bags containing household waste (not including recyclables). These bags may be placed in a refuse container of durable, watertight, rust-resistant material having a close fitting lid with handles with a capacity of not more than forty (40) gallons, which shall be of such size as can be handled easily by one man.

The maximum weight of a filled container shall not exceed sixty (60) pounds, and the maximum weight of a filled plastic bag shall be limited to such weight as will not cause the bag to break when lifted and carried to Contractor's equipment. Garbage shall be thoroughly drained of all water and wrapped in paper. All rubbish containers or plastic bags shall be securely covered or tied, as the case may be.

Refuse containers and all materials from dwelling units shall be placed behind the curb and, where there is no curb, immediately next to but off the paved portion of the roadway. In case of dispute, the Township Manager shall decide the location to be used for placing of containers by the occupant of the dwelling unit. Special arrangements may be made with the Contractor to remove ashes from the cellar or other places on the premises. Placement of containers for pickup on private roads shall be the result of special arrangements between Contractor and resident.

4.01.09 Handling of Containers

The Collector shall exercise reasonable care in handling of refuse containers and shall not willfully break, deface or damage same. Refuse containers shall be returned to behind the curb and, in the absence of curb, off the paved highway.

4.01.10 Payment for Containers

All cans or containers, except plastic bags, broken or destroyed by improper or careless handling by the Collector shall be replaced by the Contractor at his own expense.

4.01.11 **Option 1:** Rules Under which Garbage, Refuse and Ashes shall be Collected

The Contractor shall be required to collect an unlimited number of containers, plastic bags and bundles of the authorized size and weight. Where the Contractor has not made a collection by reason of the customer's failure to comply with collection ordinances or regulations, it shall be the responsibility of the Contractor to report to the Township, via email or telephone, any condition or situation that would prevent the contractor from performing refuse and recycling services as described herein. The Contractor shall also provide a response, via email or telephone, before the end of the business day when notified by Township officials of a complaint about missed refuse, sloppy workmanship or any other customer complaint.

Option 2: Rules Under which Garbage, Refuse and Ashes shall be Collected

The Contractor shall be required to collect no more than six (6) containers (**adjust number of container as necessary**), plastic bags and bundles of the authorized size and weight from each individual dwelling. Buildings with multiple dwellings are permitted to dispose of no more than six (6) containers per dwelling unit. Where the Contractor has not made a collection by reason of the customer's failure to comply with collection ordinances or regulations, it shall be the responsibility of the Contractor to report to the Township, via email or telephone, any condition or situation that would prevent the contractor from performing refuse and recycling services as described herein. The Contractor shall also provide a response, via email or telephone, before the end of the business day when notified by Township officials of a complaint about missed refuse, sloppy workmanship or any other customer complaint.

Option 3: Rules Under which Garbage, Refuse and Ashes shall be Collected

In conjunction with the pay-as-you-throw system, the Contractor shall be required to collect bags which have been purchased by the resident and/or provided by the Contractor or bags which have been affixed with a tag that has been purchased by the resident or provided by the Contractor and placed curbside for disposal. These bags must adhere to the weight limits

specified in Section 4.01.08. Where the Contractor has not made a collection by reason of the customer's failure to comply with collection ordinances or regulations, it shall be the responsibility of the Contractor to report to the Township, via email or telephone, any condition or situation that would prevent the contractor from performing refuse and recycling services as described herein. The Contractor shall also provide a response, via email or telephone, before the end of the business day when notified by Township officials of a complaint about missed refuse, sloppy workmanship or any other customer complaint.

4.01.12 Investigation and Reporting of Complaints of Failure by Occupant

It will be the duty of the Township Manager to investigate all complaints made of failure by occupants of dwelling or dwelling units within the Township to comply with the provisions of the ordinances concerning packaging and placement of refuse materials and to prosecute all offenders under such provisions.

4.01.13 Investigation and Reporting of Complaints by Customers

All complaints by residents or small business owners of the Township made through the Township or directly to the Contractor, regarding the services provided under the Contract, shall be responded to by the Contractor. The Contractor shall submit a report to the Township each month, by the fifteenth day of the following month, listing all the complaints received by the Contractor during the previous calendar month. This report shall be on forms provided by the Township and shall include, at a minimum, the following information:

- A. Date of complaint
- B. Name, address and telephone number of the complainant
- C. Description and nature of complaint
- D. Date of resolution of complaint
- E. Description of resolution of complaint

If the complaint has not been resolved, this should also be indicated.

The Township reserves the right to intercede in any unresolved complaint by a customer, business owner or property owner, to investigate said complaint and to act as an intermediary to bring the customer and the Contractor together to resolve the complaint.

4.01.14 Materials Collected to be Property of Contractor

The Contractor shall be considered the owner and sole possessor of all material from the time of its collection.

4.01.15 Exclusive Right to Successful Bidder

The successful bidder shall have the exclusive right and privilege of collecting, removing and disposing of all garbage, rubbish and ashes from residential units, small businesses or multiple family dwellings containing six or fewer units. The resulting contract will provide that no person shall carry, convey or transport through the streets, alleys or public places of the Township any of the aforesaid materials from dwelling units subject to the penalties prescribed by the law of the Commonwealth and ordinances of _____ Township, or the rules of the

Health Departments within Perry County and the Commonwealth of Pennsylvania. _____ Township agrees to prevent, as far as lawful, any person other than the Contractor from gathering, hauling, removing or carrying any material from dwelling units within the Township limits, which by these specifications the Contractor is required to collect and dispose of.

4.01.16 Contractor to Have Telephone in House and/or office

Contractor shall establish, maintain and list in the _____ Telephone Directory a toll-free telephone number within his house, office or plant, which persons in the Township may use to contact Contractor and shall attend such telephone between the hours of 7:00 a.m. and 6:00 p.m., every day each week, except Saturday, Sunday and holidays established by _____ Township.

4.01.17 Inspection of Trucks

The Contractor shall be required to present his trucks for inspection within the Township limits at such reasonable times and places as may be designated by the Township Manager.

4.01.18 Observance of Laws and Ordinances

All municipal ordinances, laws of the Commonwealth of Pennsylvania and of the United States, and rules and regulations promulgated hereunder shall be observed by the Contractor.

4.01.19 Motorized Equipment to be Used

Motorized equipment alone shall be used and employed in the performance of the contract. The necessary amount of motorized equipment shall be provided to maintain consistent service as specified. If additional trucks are needed by the Contractor to complete this contract, the bidder shall show proof that the required number and type of additional trucks are on order, are to specifications and will be available to begin service, subject to the award of the contract. Any vehicle used in the collection and transport of trash from the Township shall have a Contractor-assigned numerical identification displayed on each side of the vehicle of a size that can be read by a person two hundred (200) feet from the vehicle. Each vehicle shall also have displayed on the sides, the Contractor's name and telephone number.

4.01.20 Responsibility of Contractor

The Contractor shall be and is hereby responsible for any and all injury or damage to property or persons or accidents which may occur to any person or persons in consequence of his act or the acts of his agents, servants or employees. Contractor agrees that public liability and workers' compensation insurance shall be obtained and maintained at all times during the Contract, protecting the Township against loss or injury occasioned by the acts of the Contractor, his agents, servants or employees in accordance with attachment entitled "Insurance Requirements." The Contractor shall comply with the provisions of the current Workers' Compensation Act and any supplements or amendments thereto relative to workers' compensation insurance, and shall furnish proof to the Township that he has accepted the provisions of said Act and either insured his liability there under or secured exemption there from. The Contractor shall indemnify _____ Township and save it harmless against, of

and from, any and all costs, expense, damages, claims, demands, suits, injury or loss to which said Township may be subjected by reason of any wrongdoing, misconduct, negligence or fault of Contractor, his agents, servants or employees in or about the execution or performance of said contract.

4.01.21 Loading of Material on Vehicles

Should the Contractor desire to load material on transfer vehicles or maintain a transfer station for loading same, such transfer station shall be located and operated so as not to cause a nuisance.

4.01.22 Deductions to be Made for Vacant Dwelling or Dwelling Units

Deduction from the contract price for dwelling units paid to the Contractor shall be made and Contractor shall make no charge for vacant dwelling units where such vacancy shall have continued for a period of time as set forth in Township ordinances and where written notice thereof shall have been given by the owner of such dwelling unit to the Township.

4.01.23 Additions to the Contract Price

Additions to the contract price for dwelling units shall be made at the established bid price for new dwellings or dwelling units added in the Township after the effective date of this contract.

4.01.24 Modification of Contract

This contract and the specifications herein contained may be modified and changed from time to time only as may be agreed upon in writing in a manner not materially affecting the substance hereof, provided, however, that the consent of the Township Commissioners be first obtained. Ordinances will be adopted and/or amended by the Township Commissioners to conform to the contract or contracts awarded.

4.01.25 Conditions under which Contract may be Canceled or Terminated by the Township

If the work under this contract shall be abandoned by the Contractor or if the contract shall be assigned or the work sublet by him other than as herein specified, or if at any time, the Township Manager shall be of the opinion and so certify in writing (which certificate shall be final, binding and conclusive on the Contractor) that the performance of the contract is being unnecessarily or unreasonably delayed, or that the Contractor is violating any of the conditions or covenants of this contract or the specifications thereof, or is executing the same in bad faith or not in accordance with the terms thereof, the Township Manager may cancel and terminate this contract by a written notice to be served upon the Contractor either personally or by leaving it at his residence or office, and the Township Manager shall thereupon have the power and are hereby authorized to procure in the manner prescribed by law such and so much of said work to be performed as may be necessary to fulfill this contract, and in such cases, the Township shall have the power and are hereby authorized to charge to the Contractor the amount of loss suffered by the Township, and upon a reletting of the contract, if amount of monies received by the Township shall be less than the amount which would have been payable under this contract if the same had been completed by the Contractor, then the Contractor shall and will pay to the Township the amount of such differences.

4.01.26 Authorizing Municipality to Perform Contract

If the Contractor shall fail to perform any part of the work called for in this contract in accordance with the terms thereof and the Township Manager decide not to cancel and terminate this contract as provided hereinabove, the Township Manager shall have the power and is hereby authorized to perform or cause or procure to be performed such part of the work as the Contractor shall fail to perform at the expense of the Contractor and to deduct such expenses and collect the cost of same out of the bond filed by the Contractor in any legal proceedings or any loss by reason thereof or both, at the sole option of _____ Township.

4.01.27 Municipal Trash Collection

The Contractor shall provide an appropriately sized container, as determined by the Township, to collect and dispose of all municipal trash, waste or debris of any kind or source from the designated sites shown in Table 5 below and will include any future municipal sites added during the life of the Contract. This service will be provided at no charge to the Township, in accordance with a schedule determined by the Township.

TABLE 5
Municipally Designated Sites

In addition, Contractor shall be required to place, and empty when full, at no additional fee two (2) trailers or roll-off containers, one to be used for the collection of bulk items and a second to be used for the collection of white goods and Freon-containing appliances. The Township will determine the location of the trailers or roll-offs.

During time of emergency or a natural disaster, the Contractor will provide sufficient roll-off containers to the Township, upon request, at standard, non-emergency prices.

4.01.28 **Option 1:** Billing and Payment Procedure

The mode of contract requires the Township to collect the monthly rate per dwelling unit. The Township will bill the customers quarterly and in advance. In the second month of the quarter, the Township will pay to the Contractor one-third (1/3) of the refuse fees collected during the first month of the quarter, that amount retained being the amount applicable to the second and third months of the quarter. In the third month of the quarter, the Township will add the 2/3 retention from the previous month to the refuse fees collected during the second month and pay to the Contractor one-half (1/2) of the total, that amount retained being the amount applicable to the third month of the quarter. In the first month of the following quarter, the Township will pay to the Contractor the remaining balance of refuse fees collected during the previous three months. The Township will charge the Contractor a collection fee of six percent (6%) of the total amount collected, as set forth in Section 3.06 of the General Conditions. The six percent, (6%) shall be deducted from each payment to the Contractor. The Township reserves the right to increase the collection fee to twelve percent (12%) of the total amount collected if the complaints received for substandard service are in excess of the numbers of complaints listed in Section 3.06 for any given month within the quarter.

Option 2: Billing and Payment Procedure

The mode of contract requires the Contractor to collect the monthly rate per dwelling unit. The Contractor will bill the customers quarterly and in advance. The Township reserves the right to bill the Contractor a negligence fee of twelve percent (12%) of the total amount collected if the complaints received for substandard service are in excess of the numbers of complaints listed in Section 3.06 for any given month within the quarter.

4.01.29 Bulk Item Pickup Service

The bid will include weekly bulk item pickup service limited to one item per week to those customers receiving regular service. This service shall be provided to remove white goods or items too large or bulky to be fit into a standard container or bag and may include up to four (4) standard tires without rims. Such service shall be provided during the same permitted hours and days as regular pickup service. The disposal of items containing Freon must be arranged directly with the Contractor and such items must be picked up within five (5) working days.

4.01.30 Option 1: Leaf Waste

Collection of leaf waste will be provided for by the Township according to Act 101 of 1988 as described in Chapter 1, Section 103, "Leaf Waste" of said Act and further described in Chapter 15, Section 1502(a), and will not be a part of this contract.

Option 2: Leaf Waste

Collection of leaf waste, including lawn and garden waste, brush, small tree limbs and the like, will be provided for by the Contractor per the following schedule:

20__

April XX, XX, XX (insert dates as appropriate)

May X(insert dates as appropriate)

October X,X(insert dates as appropriate)

November X,XX,XX,XX(insert dates as appropriate)

20__

April XX, XX, XX (insert dates as appropriate)

May X(insert dates as appropriate)

October X,X(insert dates as appropriate)

November X,XX,XX,XX(insert dates as appropriate)

20__

April XX, XX, XX (insert dates as appropriate)

May X(insert dates as appropriate)

October X,X(insert dates as appropriate)

November X,XX,XX,XX(insert dates as appropriate)

4.01.31 Christmas Trees

It will be the responsibility of the Contractor to collect and dispose of Christmas trees during the month of January. **OPTIONAL**

4.01.32 Collection Days

Collection days for the collection routes within the Township will be submitted by the Contractor and approved by the Township. If the Township has a present contract for waste collection, the collection days for developments/neighborhoods will remain the same as under that present contract.

4.01.33 Option to Negotiate

_____ Township reserves the right to renegotiate the contract if Perry County changes the Solid Waste Plan in a way which reduces contractor costs during the life of the Contract or, in the event that there is a change in the law that causes an increase or decrease in disposal fees, the Contractor and the Township have the right to petition each other to renegotiate the contract price.

4.01.34 Perry County Solid Waste Management Plan

The Contractor must operate in accordance with the Perry County Solid Waste Management Plan and ordinances/regulations.

4.01.35 Special Services for Elderly or Handicapped

Special service (back door pickup) will be provided for residents who need this type of service.

4.01.36 Construction/Demolition Materials Pick-Up

Residents may negotiate directly with any contractor for pick-up of these materials.

4.01.37 **Option 1:** Delivery of Yard Waste to Township Facility

Bidders are required to submit bid for picking up and hauling yard waste (excluding grass and leaves) to the Township's Yard Waste Facility(ies). Contractor will be responsible for supplying a designated truck or other method of segregating yard waste from other refuse. In no event shall any other type of refuse or recyclable materials be off-loaded at the Township's yard waste recycling facility.

Option 2: Delivery of Yard Waste to Township Facility

Yard waste collecting by the Contractor within _____ Township shall be disposed of at the Township's Yard Waste Facility(ies) located at _____ (address). Contractor will be responsible for supplying a designated truck or other method of segregating yard waste from other refuse. In no event shall any other type of refuse or recyclable materials be off-loaded at the Township's yard waste recycling facility.

4.02 Recycling Collection, Transportation and Processing Services

4.02.01 General

Option 1: _____ Township has a curbside recycling collection program in accordance with the provisions of the Municipal Solid Waste and Recycling ordinance. The Contractor shall provide all equipment and labor to collect all the curbside items specified to be separated by the residents for recycling.

Option 2: _____ Township does not currently have a curbside recycling collection program. _____ Township will be responsible for educating residents on the established curbside recycling collection program proposed by the Contractor. The Contractor shall provide all equipment and labor to collect all the curbside items specified to be separated by the residents for recycling.

Option 1: The Contractor shall have the exclusive right to collect, transport and dispose of designated recyclable materials from residential units and multi-family dwellings containing six or fewer units in the Township when placed at curbside or other property location for this purpose. The Contractor shall dispose of recyclable materials at a facility within Perry County.

Option 2: The Contractor shall have the exclusive right to collect, transport and dispose of designated recyclable materials from residential units and multi-family dwellings containing six or fewer units in the Township when placed at curbside or other property location for this purpose. The Contractor shall dispose of recyclable materials at _____ Transfer Station/MRF, located at _____ (address).

_____ Township elects to allow small businesses to voluntarily participate in the recyclable collection program. **OPTIONAL**

Recycling statistics must be reported directly to the Township by the Contractor monthly.

4.02.02 Work To Be Done

The work to be done consists of the collection, transportation and processing of the following recyclable materials:

Residential

Plastic
Clear Glass
Colored Glass
Aluminum, steel and bimetal cans
Newsprint
Aerosol cans

Small Businesses

Plastic
Clear Glass
Colored Glass
Aluminum, steel and bimetal cans
Newsprint
Aerosol cans

Cardboard
Chipboard
HHW (**OPTIONAL**)
e-Waste (**OPTIONAL**)

Office paper
Cardboard
Chipboard

The bid price shall reflect the cost associated with glass, cans, plastic, cardboard and newsprint for residential and glass, cans, plastic, newsprint, office paper and cardboard for small businesses. **[An additional separate cost shall be included for residential curbside HHW collection and residential curbside e-waste collection]** The Township reserves the right to add or delete items from this list with mutual agreement of the Contractor during the term of the contract.

Option 1: Collection of leaf waste will be provided for by the Township according to Act 101 of 1988 as described in Chapter 1, Section 103, Leaf Waste, of said Act and further described in Chapter 15, Section 1052(a), and will not be a part of this contract.

Option 2: Collection of leaf waste, including lawn and garden waste, brush, small tree limbs and the like, will be provided for by the Contractor per the schedule listed in Section 4.01.30.

The items described herein shall be removed from all residential units (including single-family and multi-family dwellings containing six or fewer units, and small businesses) within the limits of the Township. Multi-family dwellings containing more than six units, commercial (other than small businesses), institutional and industrial establishments are not included under this contract.

Option 1: With each proposal, the bidder must furnish a letter from a recycling center or centers certifying the center's capability to accept and market all of the aforementioned recyclables over the full term of the contract.

Option 2: With each proposal, the bidder must furnish a written statement agreeing to deliver all recyclable materials to either the _____ Transfer Station/MRF or the _____ Yard Waste Facility over the full term of the contract.

4.02.03 Length of Contract

Shall be the same as the Solid Waste Contract, beginning _____ through and including _____.

4.02.04 Definitions

A. Glass shall mean all empty bottles and jars made of clear, green or brown glass only. All containers shall be emptied and rinsed.

B. Aluminum Cans shall mean all food and beverage containers made of aluminum. All containers shall be emptied and rinsed.

C. Bimetal Cans shall mean all food and beverage containers made of a steel (ferrous) cylinder and bottom and an aluminum top. All containers shall be emptied and rinsed.

D. Steel Cans shall mean all food and beverage containers made of steel. All containers shall be emptied and rinsed.

E. Plastics shall mean all PET (polyethylene terephthalate) including, but not limited to, one, two and three-liter soft drink bottles and all HDPE (high density polyethylene) including, but not limited to, one-gallon milk and detergent bottles. All containers shall be emptied and rinsed.

F. Newsprint shall mean all paper having printed thereon news and other matters of public interest but not including magazines or periodicals. Newsprint must be tied in bundles or placed in paper grocery bags.

G. Corrugated Paper shall mean paper or pasteboard contracted into parallel grooves and ridges, commonly referred to as cardboard and packing boxes. The boxes must be emptied and broken down into a flat position.

H. High-Grade Office Paper shall mean printed or unprinted sheets, shavings and cuttings of sulphite or sulphate ledger, bond, writing and other pages which have similar fiber and filler content. This grade must be free of treated, coated, padded or heavily printed stock. This includes lightweight office papers, i.e., bond, copy paper and onionskin, as well as computer paper.

I. Aerosol Cans shall mean all aerosol cans made of steel. All cans must be empty.

J. HHW shall mean those wastes produced in the household that are hazardous in nature, but are not regulated as hazardous waste, under federal and state laws.

K. E-Waste shall mean those discards that include computers, monitors, televisions, audio equipment, printers, and other electronic devices.

4.02.05 **Option 1:** Methods of Collection

All recyclables shall be removed from co-mingled containers, loaded in the truck and delivered to the recycling center. Trucks used for the collection of recyclables shall be thoroughly cleaned, well painted, strongly built and equipped so that recyclable materials will not escape there from. In addition, the name of the Contractor, the Contractor's telephone number and the truck number shall be painted on each side of the truck in letters of legible size.

Option 2: Methods of Collection

All recyclables shall be removed from source-separated containers curbside, loaded in a dual-compartment truck and delivered to the recycling center. Trucks used for the collection of

recyclables shall be thoroughly cleaned, well painted, strongly built and equipped so that recyclable materials will not escape there from. In addition, the name of the Contractor, the Contractor's telephone number and the truck number shall be painted on each side of the truck in letters of legible size.

4.02.06 Option 1: Time When Collections Shall Be Made

Collection of recyclable materials shall be performed once per week and shall take place on the same day as collection of refuse in each given area of the Township.

Option 2: Time When Collections Shall Be Made

Collection of recyclable materials shall be performed once per week and shall take place on the same day as collection of refuse in each given area of the Township. The materials accepted curbside weekly shall alternate between co-mingled containers (including plastics, glass, aluminum, etc.) and fibers (including newsprint, office paper, cardboard, chipboard, etc.).

Option 3: Time When Collections Shall Be Made

Collection of recyclable materials shall be performed bi-weekly and shall take place on the same day as collection of refuse in each given area of the Township.

Option 4: Time When Collections Shall Be Made

Collection of recyclable materials shall be performed monthly and shall take place on the same day as collection of refuse in each given area of the Township.

4.02.07 Hours When Collection Shall Be Made

All collections shall be made in accordance with Section 4.01.07, prevailing time, provided, however, that this time limitation shall not prevent the collection of material on an emergency basis during other hours when necessitated by natural catastrophe or other conditions beyond the control of the Contractor. The extension of the emergency hours shall at all times be subject to approval of the Township Manager.

4.02.08 Recyclable Containers

Current containers have been provided by the Township and will continue to be used. Containers may be changed at the Township's discretion. The Township shall store all extra containers.

All recyclables to be collected must be placed at the designated location in time for collection by the Contractor. Collection shall be made along the street fronting said property. Recyclable-material receptacles shall be placed for collection at ground level on the property, not within the cart way of a street, and accessible to the side or curb of the street from which collection is made. Containers shall be returned to a location not within the cart way or street. Placement of containers for pick-up on private roads shall be the result of special arrangements between the resident and Contractor.

4.02.09 Handling of Containers

The Contractor shall take reasonable care in handling of recyclable containers and shall not willfully break, deface or damage the same. All containers broken or destroyed in improper or careless handling by the Contractor shall be replaced by the Contractor at his own expense.

4.02.10 Recyclable Materials To Be Property of Contractor

From the time of placement of recyclable materials at the curb or a similar area for collection, said materials shall be and become the property of the Township and the authorized Contractor. It shall be a violation of Township ordinances for any person(s) not authorized by the Township to collect or pick up, or cause to be collected or picked up, any such recyclable material.

4.02.11 Contractor to Have Telephone in House and/or Office

Contractor shall establish, maintain and list in the _____ Telephone Directory a toll-free telephone number within his house, office or plant which persons in the Township may use to contact Contractor and such telephone shall be attended between the hours of 7:00 a.m. and 6:00 p.m., every day each week, except Saturday, Sunday and holidays established by the Township.

4.02.12 Observance of Laws and Ordinances

All municipal ordinances, laws of the Commonwealth of Pennsylvania and of the United States, and rules and regulations promulgated there under shall be observed by the Contractor.

4.02.13 Education

_____ Township has established a public information and education program concerning recycling program features and requirements in accordance with the law of the Commonwealth of Pennsylvania. **[Township may specify education requirements of the hauler in this section]**

4.02.14 Responsibility of Contractor

The Contractor will be and is hereby responsible for any and all damages to property or person or persons or accidents which may occur to any person or persons in consequence of his act or the acts, of any agent or person in his employ. The Contractor agrees that the liability and Workers' Compensation Insurance shall be furnished protecting _____ Township against loss or injury occasioned by the acts of his employees in accordance with the requirements entitled "Insurance" on Page 31. The Contractor shall and does hereby save _____ Township harmless from any and all suits for damages that are or can be brought against the Township, its officials and employees in connection with the collection, transporting and processing of recyclable materials within the Township.

4.02.15 Recycling Vehicles

It shall be the Contractor's responsibility to maintain collection and processing vehicles in good condition, repaired and reasonably clean at all times. Trucks used for the collection of recyclables from residential units shall be of a size and type that can be operated on the streets

and alleys of the Township without getting off the traveled portion of the roadway or doing damage to curbing, planted areas or private property. They shall be so constructed as to prevent leakage and shall be enclosed to the extent necessary to ensure no loss of waste from the vehicles during collection or transport, clean up any spillage or loss of recyclables that may occur during collection and transport. The Contractor shall immediately clean up any spillage or loss of recyclables that may occur during collection and transport. The Contractor shall not leave unattended any truck wholly or partially loaded with recyclables on any private or public properties in the Township except in an emergency situation or except as approved by the Township Manager.

Any vehicle used in the collection and transport of recyclables from the Township shall be assigned a numerical identification that shall be displayed on each side of the vehicle of a size that can be read by a person two hundred (200) feet from the vehicle. Each vehicle shall also have displayed on the sides, the Contractor's name and telephone number.

The Contractor shall provide the Township with a complete list of all collection vehicles to be used in the Township, specifying the make, model, license plate number, size, type of vehicle and the number assigned to the vehicle. The Contractor shall use no collection vehicle that is not properly listed with the Township. This list shall be updated and filed with the Township when a change in collection vehicles is made.

The Township shall have the right to inspect any collection vehicle at any time and any place it is being used within the Township. The Contractor shall make vehicles available for inspection whenever so requested by the Township at a time and place mutually agreed upon.

The Contractor shall be responsible to provide back-up or emergency vehicles meeting all of the above requirements so that, at no time, can the contract not be performed due to breakdown or lack of collection vehicles. Back-up or emergency vehicles shall be listed with the Township as specified above.

4.02.16 Loading of Material on Vehicles

Should the Contractor desire to load material on transfer vehicles or maintain a transfer station for loading same, such transfer station shall be located and operated so as not to cause a nuisance.

4.02.17 Investigation and Reporting of Complaints of Failure by Occupant

It will be the duty of the Township Manager to investigate all complaints made of failure by occupants of dwelling or dwelling units within the Township to comply with the provisions of the ordinances concerning recycling and to prosecute all offenders under such provisions.

4.02.18 Investigation and Handling of Complaints by Residents

All complaints by residents of the Township, made through the Township or directly to the Contractor regarding the services provided under the Contract, shall be responded to by the Contractor. The Contractor shall submit a report to the Township each month, by the fifteenth

day of the following month, listing all of the complaints received by the Contractor during the previous calendar month. This report shall be on forms provided by the Township and shall include, at a minimum, the following information:

- A. Date of complaint
- B. Name, address, and telephone number of the complainant
- C. Description and nature of complaint
- D. Date of resolution of complaint
- E. Description of resolution of complaint

If the complaint has not been resolved, this should also be indicated.

The Township reserves the right to intercede in any unresolved complaint by a resident or property owner, to investigate said complaint and to act as an intermediary to bring the resident and the Contractor together to resolve the complaint.

It will be the duty of the Township Manager to investigate all complaints made of failure by occupants of dwelling or dwelling units within the Township to comply with the provisions of the ordinances concerning this Contract.

4.02.19 Conditions under which Contract may be Canceled or Terminated by the Township Commissioners.

If the work under this contract shall be abandoned by the contractor or if the contract shall be assigned or the work sublet by him other than as herein specified, or if at any time, the Commissioners of _____ Township shall be of the opinion and so certify in writing (which certificate shall be final, binding and conclusive on the Contractor) that the performance of the contract is being unnecessarily or unreasonably delayed, or that the Contractor is violating any of the conditions or covenants of this contract or the specifications thereof or is executing the same in bad faith or not in accordance with the terms thereof, the Township Commissioners may cancel and terminate this contract by a written notice to be served upon the Contractor either personally or by leaving it at his residence or office, and the Township Commissioners shall thereupon have the power and are hereby authorized to procure in the manner prescribed by law such and so much of said work to be performed as may be necessary to fulfill this contract, and in such cases, shall have the power and is hereby authorized to charge to the Contractor the amount of loss suffered by the, and upon a reletting of the contract, if amount of monies received by the Township shall be less than the amount which would have been payable under this contract if the same had been completed by the Contractor, then the Contractor shall and will pay to the Township the amount of such differences.

4.02.20 Authorizing Township to Perform Contract

If the Contractor shall fail to perform any part of the work called for in this contract in accordance with the terms thereof and the Township Commissioners decide not to cancel and terminate this contract as provided hereinabove, the Township Manager shall have the power and is hereby authorized to perform or cause or procure to be performed such part of the work as the Contractor shall fail to perform at the expense of the Contractor and to deduct such expenses and

collect the cost of same out of the bond filed by the Contractor in any legal proceedings or any loss by reason thereof or both, at the sole option of the Township Manager.

4.02.21 Modification of Contract

This contract and the specifications herein contained may be modified and changed from time to time only as may be agreed upon in writing in a manner not materially affecting the substance hereof, provided however that the consent of the Township Manager be first obtained. Ordinances will be adopted and/or amended by the Township Commissioners to conform to the contract or contracts awarded.

4.02.22 Municipal Recyclable Collection

The Contractor shall provide appropriately sized container(s), as determined by the Township, to collect, transport and process all municipal recyclables from the sites designated in Section 4.01.27, Table 5, at no charge to the Township. This shall include any other recreational areas developed in the future by the Township or any other Township-owned or maintained facility.

4.02.23 **Option 1:** Municipal Billing and Payment Procedure

The mode of contract requires the Township to collect the monthly rate per dwelling unit. The Township will bill the customers quarterly and in advance. In the second month of the quarter, the Township will pay to the Contractor one-third (1/3) of the refuse fees collected during the first month of the quarter, that amount retained being the amount applicable to the second and third months of the quarter. In the third month of the quarter, the Township will add the 2/3 retention from the previous month to the refuse fees collected during the second month and pay to the Contractor one-half (1/2) of the total, that amount retained being the amount applicable to the third month of the quarter. In the first month of the following quarter, the Township will pay to the Contractor the remaining balance of refuse fees collected during the previous three months. The Township will charge the Contractor a collection fee of six percent (6%) of the total amount collected, as set forth in Section 3.06 of the General Conditions. The six percent (6%) shall be deducted from each payment to the Contractor. However, if the Township receives, directly or through the Contractor, an excess of bona-fide complaints of substandard or lack of service within any given month of the calendar quarter, the collection fee shall increase to twelve percent (12%) of the total amount collected for that month. Excessive complaint schedule is contained in Section 3.06.

Option 2: Municipal Billing and Payment Procedure

The mode of contract requires the Contractor to collect the monthly rate per dwelling unit. The Contractor will bill the customers quarterly and in advance. The Township reserves the right to bill the Contractor a negligence fee of twelve percent (12%) of the total amount collected if the complaints received for substandard service are in excess of the numbers of complaints listed in Section 3.06 for any given month within the quarter.

4.02.24 Deductions to be Made for Vacant Dwelling or Dwelling Units

Deduction from the contract price for dwelling units paid to the Contractor shall be made and Contractor shall make no charge for vacant dwelling units where such vacancy shall

have continued for a period of time as set forth in Township Ordinance and where notice thereof shall have been given by the owner of such dwelling unit to the Township.

4.02.25 Additions to the Contract Price

Additions to the contract price for dwelling units shall be made at the established bid price for new dwellings or dwelling units added in the Township after the effective date of this contract.

INSURANCE REQUIREMENTS

5.1 General

Policies shall be written with insurers rated at least “A” by Bests with a financial size category of at least “X”.

Under Items 5.3 and 5.4, _____ Township shall be named as an additional insured and be provided a 30-day notice of intent to cancel a policy or policies.

5.2 Workers’ Compensation, including occupational Disease and Employer's Liability Insurance.

A. Statutory - amounts and coverage as required by Workers' Compensation Laws of the Commonwealth of Pennsylvania.

B. Employer's Liability - at least \$100,000 each accident.

5.3 Public Liability, including coverage for direct operations, sublet work, elevators, contractual liability and completed operations with limits not less than those stated below:

A. Bodily Injury and Property Damage Liability - including personal injuries, \$1,000,000 each occurrence; \$2,000,000 annual aggregate.

Regarding Personal Injury - written on a non-participating basis (with no participation by insured).

5.4 Comprehensive Automobile Liability Insurance, including coverage for owned, non-owned and leased vehicles with limits not less than those stated below:

A. Bodily Injury Liability - \$1,000,000 each person; \$2,000,000 each accident.

B. Property Damage Liability - \$1,000,000 each accident; \$2,000,000 per occurrence

5.5 Umbrella Coverage - in the amount of \$2,000,000

CHECK LIST FOR SOLID WASTE COLLECTION CONTRACT

| <u>Included</u> | <u>Not Included</u> | |
|-----------------|-------------------------|---|
| _____ | _____ | Bid Bond or Certified Check in the amount equal to Ten percent (10%) of the annual bid amount (Sec. 2.03) |
| _____ | _____ | Completed Non-Collusion Affidavit (Sec. 2.13) |
| _____ | _____ | Notarized Financial Statement and Report (Sec. 3.01) |
| _____ | _____ | Plans and Specifications (Sec. 3.02) |
| _____ | _____ | Sworn Statement (Sec. 3.02) |
| _____ | _____ | Written Approval of Plant or Disposal Area (Sec. 4.01.4) |
| _____ | _____ | Letter from a Recycling Center (Sec. 4.02.02) |
| _____ | _____ | Completed Questionnaire (Page 41) |

Documents to be Provided by Successful Bidder after Award

1. Written Agreement with Payment and Performance Bonds
2. Certificate of Insurance for all Insurance Coverage's (Page 31)

NON-COLLUSION AFFIDAVIT

Contract/Bid No. _____

State of _____

S.S.

County of _____

I state that I am _____ of _____
(Title) (Name of Firm)

and that I am authorized to make this affidavit on behalf of my firm and its owners, directors and officers. I am the person responsible in my firm for the price(s) and the amount of this bid.

I state that:

- (1) The price(s) and amount of this bid have been arrived at independently and without consultation, communication or agreement with any other Contractor, bidder or potential bidder.
- (2) Neither the price(s) nor the amount of this bid, and neither the approximate price(s) nor approximate amount of this bid, have been disclosed to any other firm or person who is a bidder or potential bidder and they will not be disclosed before bid opening.
- (3) No attempt has been made or will be made to induce any firm or person to refrain from bidding on this contract or to submit any intentionally high or noncompetitive bid or other form of complementary bid.
- (4) The bid of my firm is made in good faith and not pursuant to any agreement or discussion with or inducement from any firm or person to submit a complementary or other noncompetitive bid.

(5) _____
(Name of Firm)

its affiliates, subsidiaries, officers, director and employees are not currently under investigation by any governmental agency and have not in the last four years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to bidding on any public contract, except as follows:

I state that _____ understands and
(Name of Firm)

Acknowledges that the above representations are material and important, and will be relied on by
_____ Township in awarding that contract for which this bid is submitted. I understand
and my firm understands that any misstatement in this affidavit is and shall be treated as
fraudulent concealment from _____ Township of the true relating to the submission of
bids for this contract.

(Name and Company Position)

SWORN TO AND SUBSCRIBED
BEFORE ME THIS _____ DAY
OF _____, 20__

Notary Public

My Commission Expires

BID PROPOSAL

Proposal of _____ (hereinafter called "Bidder"),
organized and existing under the laws of the State of _____
doing business as _____.

In compliance with your Invitation for Bids, Bidder hereby proposes:

Solid Waste Collection, Transportation and Disposal Services
and Recycling Collection, Transportation and Processing Services
From Dwelling Units and Small Businesses within the Township of _____

Contract No _____

in strict accordance with the Contract-Documents, within the time and conditions set forth herein, and at the prices stated below.

By submission of this Bid, each Bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, that this Bid has been made independently, without consultation, communication or agreement as to any matter relating to this Bid with any other Bidder or with any competitor.

Bidder hereby agrees to enter into a three (3) year contract as stipulated in the Contract Documents. Bid quotation must be made both in figures and words.

The bid proposal will have Six (6) quotations for Solid Waste and Recyclables.

1. The first quotation will include a monthly rate per dwelling unit for the collection, transportation and disposal of **Option 1, Option 2, Option 3, Option 4, or Option 5** (see Invitation to Bidders, page 6 – insert appropriate Option) to the disposal facility(ies) mentioned in Section 4.01.04 and a collection frequency of **Option 1 or Option 2** (see Section 4.01.06 – insert appropriate Option) for Regular Customers. **MANDATORY**

2. The second quotation will include a monthly rate per dwelling unit for the collection, transportation and disposal of recyclable materials at **Option 1 or Option 2** (see Section 4.02.01 – insert appropriate Option), using the method described in Section 4.02.05 with a collection frequency of **Option 1, Option 2, Option 3 or Option 4** (see Section 4.02.06 – insert appropriate Option) for Regular Customers. **MANDATORY**

3. The third quotation will include a monthly, reduced rate per dwelling unit for the collection, transportation and disposal of **Option 1, Option 2, Option 3, Option 4 or Option 5** (See Invitation to Bidders, page 6 – insert appropriate Option) to the disposal facility(ies) mentioned in Section 4.01.04 and a collection frequency of **Option 1 or Option 2** (see Section 4.01.06 – insert appropriate Option) for Reduced Rate Customers. A reduced rate will be given

to residents who qualify for or participate in the Senior Citizen Property Tax Rebate Program. Determination of eligible customers will be made by _____ Township. For bid purposes the assumption will be that there are _____ residents who will qualify. There is absolutely no guarantee of the preciseness of this number. **MANDATORY**

4. The fourth quotation will include a monthly, reduced rate per dwelling unit for the collection, transportation and disposal of recyclable materials at **Option 1 or Option 2** (see Section 4.02.01 – insert appropriate Option), using the method described in Section 4.02.05 with a collection frequency of **Option 1, Option 2, Option 3 or Option 4** (See Section 4.02.06 – insert appropriate Option) for Reduced Rate Customers. Eligible candidates will be determined in the same manner as the solid waste Quotation No. 3. **MANDATORY**

5. The fifth quotation will be for **Option 2** (see Section 4.01.30, if chosen as appropriate Option) residential pickup of yard waste and delivery to _____ (**Option 1 or Option 2** - see Section 4.01.37 - insert appropriate Option) by use of the contractor's designated truck. **MANDATORY OR OPTIONAL**

6. The sixth quotation will be for residential pickup of Christmas trees during the month of January and delivery to _____ (**Option 1 or Option 2** – see Section 4.01.37 - insert appropriate Option) by use of the contractor's designated truck. **OPTIONAL**

7. The seventh quotation will be for the collection of residential curbside HHW material (see definition of HHW, Section 4.02.04). **OPTIONAL**

8. The eighth quotation will be for the collection of residential curbside e-waste material (see definition of e-waste, Section 4.02.04). **OPTIONAL**

9. The ninth quotation will be for weekly collection of participating small business trash and recyclables (see definition of Small Business, Section 4.01.03). **OPTIONAL**

10. Bidders are invited to submit add-alternate bids for the collection, transportation and disposal of additional recyclable materials (beyond the required materials) on the form below, for the Township's consideration. **OPTIONAL**

BID PRICES

Quotation No. 1

Monthly rate of _____, (\$_____)
Per dwelling unit for Regular Customers for collection and disposal of solid waste.

Quotation No. 2

Monthly rate _____, (\$_____)
Per dwelling unit for Regular Customers for collection and processing of recyclable materials.

TOTAL OF QUOTATION NOS. 1 and 2 \$_____

Quotation No. 3

Monthly rate of _____, (\$_____)
Per dwelling unit for Reduced Rate Customers for collection and disposal of solid waste.

Quotation No. 4

Monthly rate of _____, (\$_____)
Per dwelling unit for Reduced Rate Customers for collection and processing of recyclable materials.

TOTAL OF QUOTATION NOS. 3 and 4 \$_____

Quotation No. 5

Monthly rate of _____, (\$_____)
for weekly pick up of Yard Waste and delivery to each Municipality's Yard Waste Facility.

Quotation No. 6

Monthly rate of _____, (\$_____)
for residential collection of Christmas trees in the month of January (**Option 1 or Option 2 – see Section 4.01.37 - insert appropriate Option**) by use of the contractor's designated truck.

Quotation No. 7

Monthly rate of _____, (\$_____)
for residential curbside collection of HHW material (see definition of HHW, Section 04.02.04).

Quotation No. 8

Monthly rate of _____, (\$_____) for residential curbside collection of e-waste material (see definition of e-waste, Section 04.02.04).

Quotation No. 9

Monthly rate of _____, (\$_____) for weekly pick up of participating small business trash and recyclables (see definition of Small Business, Section 04.01.03).

Quotation No. 10 (Add-Alternate)

Bidder may include collection, transportation and disposal of additional recyclable items (to be delivered to the _____ Transfer Station/MRF). (4.02.02)

| <u>Recyclable Item</u> | <u>Monthly Cost Per Dwelling Unit-Increase (or Decrease)</u> |
|------------------------|--|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

EXCEPTION(S) TO CONTRACT DOCUMENT

As defined in the General Conditions, the bidder shall clearly define any exception(s) to the Contract Document. All exceptions shall be fully stated herein below:

Exception To:

Contract Document Item No.

Explanation of Exception

Unless otherwise noted above, the bidder hereby certifies that the Proposal as submitted fully complies with the Contract Documents.

Submitted By: _____

Signed

Representing

Printed

Title _____

Date _____

BID BOND

KNOW ALL PERSONS BY THESE PRESENTS, that we, the undersigned, _____

as Principal, and _____

as Surety, are hereby held and firmly bound unto the Township of _____,
_____, _____ County, Pennsylvania,

in the sum of _____ (\$_____) for the payment of
which, well and truly to be made, we hereby jointly and severally bind successors, assigns and
ourselves.

Signed, this _____ day of _____, 201_.

The condition of the above obligation is such that whereas the Principal has submitted to the
Owner a certain bid, attached hereto and hereby made a part hereof, to enter into a contract in
writing, to deliver:

Solid Waste Collection, Transportation and Disposal Service
and Recycling Collection, Transportation and Processing Services
From Dwelling Units and Small Businesses within the
Township of _____

Contract No. _____

NOW, THEREFORE,

- (a) If said bid shall be rejected, or in the alternate,
- (b) If said bid shall be accepted and the Principal shall execute and deliver a contract in the
Form of Contract attached hereto (properly completed in accordance with said bid) and shall
furnish a bond for its faithful performance of said contract, and for the payment of all persons
performing labor or furnishing materials in connection therewith, and shall in all other respects
perform the agreement created by the acceptance of said bid, then this obligation shall be void.
Otherwise the same shall remain in force and effect, it being expressly understood and agreed
that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the
penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by any extension of the time within which the Owner may accept such bid, and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

Principal_____ (L.S.)

(Seal)

Surety_____

By_____

(Seal)

IMPORTANT - Surety companies executing bonds must appear on the U.S. Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the Commonwealth of Pennsylvania.

QUESTIONNAIRE

(IMPORTANT - Each bidder must truthfully and fully complete this questionnaire. Attach supplemental page(s) if necessary.

1. Methods to be used in disposing of the material, including a detailed description of manpower to be dedicated to _____ Township (attach additional sheet, if necessary).

2. Precise location of plant or disposal area (must conform to the Perry County Solid Waste Management Plan):

Approximate acreage: _____

Improvements thereon: _____

Owned or leased: _____

If leased, give name and address of lesser and terms of lease:

3. Methods, apparatus and equipment to be used for the elimination and control of nuisances which may arise during the process of collection, treating and disposal of material: (set forth in detail)

4. Number and Description of Vehicles:

| <u>Make and Year Model No.</u> | <u>Type of Body</u> | <u>Capacity</u> | <u>Present Condition</u> | <u>Present Location</u> |
|------------------------------------|-------------------------|-----------------|------------------------------|-----------------------------|
| _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ |

5. Experience in the collection and disposal of garbage, ashes and rubbish. How many years have you engaged in the business of collection and disposal of these materials? _____

What municipal contracts similar to this have you had within the last ten (10) years?

| <u>Name of Municipality</u> | <u>Date of Contract</u> | <u>Term of Contract</u> |
|-----------------------------|-----------------------------|-----------------------------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Have you ever defaulted in any of the aforementioned contracts? _____

If so, give details. _____

6. Have there been any judgments or are there any unsatisfied judgments entered against you within the past five (5) years? _____

If so, give details. _____

7. Give name and address of Surety Company which has agreed to act as surety on your bond should the contract be awarded to you.

8. List below the names and addresses of Surety Companies which have heretofore bonded you on municipal contracts.

9. Give address and telephone number of local office. If none now exists, indicate proposed location and name of staff personnel in charge. Also, list office hours and personal phone number of bidder.

10. Attach hereto a full and complete statement under notarized oath of financial operating statement for prior year's operation, per Section 3.01 of General Conditions.

The bidder hereby certifies that the answers to this questionnaire are true and correct and further agrees that said answers shall be considered as an integral part of this proposal.

| | |
|---------------|----------------------------|
| _____ Date | _____ Company |
| | By _____ (Printed Name) |

_____, being duly sworn according to law, deposes and
Title

says that the facts and answers in the foregoing questionnaire are true and correct to the best of his/her knowledge, information and belief.

(Signature)

Sworn to and subscribed before me

this _____ day of _____ 201_.

Notary Public

NOTICE OF AWARD

TO: _____

PROJECT DESCRIPTION: Solid Waste Collection, Transportation and Disposal Services AND Recycling Collection, Transportation and Processing Services from Dwelling Units within the Township of _____.

Contract No. Joint _____

_____ Township has considered the Bid submitted by you for the above-described project in response to its Invitation to Bidders dated _____ and the related Contract Documents.

You are hereby notified that your Bid has been accepted as shown in your Bid Proposal.

You are required by the Instructions to Bidders and/or the General Conditions to execute the Agreement and furnish the required Contractor's Performance Bond and Payment Bond within ten (10) calendar days from the date of this Notice to you. If you fail to execute said Agreement and to furnish said Bonds within ten days from the date of this Notice, _____ Township will be entitled to such other rights as may be granted by law, including but not limited to retention of bid deposit or forfeiture of bid bond sum.

You are required to return an acknowledged copy of this Notice of Award to _____ Township, _____, _____, PA ____.

Dated this _____ day of _____, 201_.

FOR _____ TOWNSHIP By: _____

ACCEPTANCE OF AWARD

Receipt of the above Notice of Award is hereby acknowledged this _____ day of _____, 201_.

By: _____

Title: _____

NOTE: Failure to return an acknowledgment of this Notice of Award does not relieve the Contractor of the conditions imposed by the Instructions to Bidders and/or General Conditions.

AGREEMENT

THIS AGREEMENT, made this _____ day of _____ 201_,

By and between the TOWNSHIP OF _____, _____ County, Pennsylvania, hereinafter called "OWNER" and _____, doing business as (an individual) or (a partnership) or (a corporation), hereinafter called "Contractor".

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned:

1. The Contractor hereby promises and agrees to collect, transport and dispose of all solid waste and collect, transport and process recyclable materials from dwelling units within the corporate limits of _____ Township as at present existing to the satisfaction and acceptance of the Township Commissioners for the term of three (3) years, beginning _____ and ending _____, pursuant to and in strict and full compliance with the Contract Documents, Contract No. _____.

2. Terms used in the Agreement which are defined in the General Conditions, if included in the Contract Documents, shall have the meanings indicated in the General Conditions.

3. The term "Contract Documents" means and includes the following, but shall not be limited to:

- A. Invitation to Bidders
- B. Instructions to Bidders
- C. General Conditions
- D. Specifications
- E. Insurance Requirements
- F. Checklist for Solid Waste Collection Contract
- G. Non-Collusion Affidavit
- H. Bid Proposal
- I. Exception(s) to Contract Documents
- J. Bid Bond
- K. Questionnaire
- L. Notice of Award
- M. Agreement
- N. Performance Bond
- O. Payment Bond
- P. Notice to Proceed

4. The Contractor agrees to complete the project as described in the Contract Documents as shown on the Bid Proposal, for the monthly rate of \$_____.

5. Neither the Owner nor the Contractor shall, without the prior written consent of the other, assign or sublet in whole or in part his interest under any of the Contract Documents, and specifically, the Contractor shall not assign any monies due or to become due without the prior written consent of the owner.

6. The Contract Documents constitute the entire Agreement between the Owner and the Contractor and may only be altered, amended or repealed by a duly executed written instrument.

7. This Agreement shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors and assigns.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in duplicate, each of which shall be deemed an original on the date first above written.

FOR THE OWNERS:

CONTRACTOR:

TOWNSHIP OF _____

By:_____

By:_____

(Printed)

(Printed)

(Vice) President

Title

Address

Address

Telephone

Telephone

PERFORMANCE BOND

KNOW ALL PERSONS BY THESE PRESENTS: that

Name of Contractor _____

Address: _____

a _____, hereinafter called Principal, and
(Corporation, Partnership, or Individual)

Name of Surety _____

Address _____

hereinafter called Surety, are held and firmly bound unto:

Name of Owner: TOWNSHIP OF _____, _____ County, Pennsylvania _____

Address _____

hereinafter called Owner, in the penal sum of:

_____ dollars

(\$ _____) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is. such that whereas the Principal entered into a certain contract with the Owner, dated the _____ day of _____, 201_, a copy of which is hereto attached and made a part hereof, for:

NOW, THEREFORE, if the Principal shall well, truly and faithfully perform its duties, all the undertakings, covenants, terms, conditions and agreements of said contract during the original term thereof, and any extensions thereof which may be granted by the owner, with or without notice to the Surety and during the one year guaranty period, and if he shall satisfy all claims and demands incurred under such contract, and shall fully indemnify and save harmless the owner from all costs and damages which it may suffer by reason of failure to do so, and shall reimburse and repay the Owner all outlay and expense which the owner may incur in making - good any default, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said surety, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to work to be performed there under or the specifications accompanying the same shall in any wise affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the work of the specifications.

PROVIDED, FURTHER, that no final settlement between the Owner and Contractor shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in two (2) counterparts, each one of which shall be deemed an original, this the _____ day of _____, 201_.

Principal _____

By _____

Title _____

Address _____

Attest: (SEAL)

Witness: _____

Attorney-in-fact: _____

By _____

Address _____

Attest: (SEAL)

Witness: _____

NOTE: Date of Bond must not be prior to date of Contract. If Contractor is Partnership, all partners should execute bond.

IMPORTANT: Surety companies executing bonds must appear on the U.S. Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the Commonwealth of Pennsylvania

PAYMENT BOND

KNOW ALL PERSONS BY THESE PRESENTS: that

Name of Contractor _____

Address: _____

a _____, hereinafter called Principal, and
(Corporation, Partnership, or Individual)

Name of Surety _____

Address _____

hereinafter called Surety, are held and firmly bound unto:

Name of Owner: TOWNSHIP OF _____, _____ County, Pennsylvania

Address _____

hereinafter called Owner, in the penal sum of:

_____ Dollars

(\$ _____) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind successors, assigns, and ourselves jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas the Principal entered into a certain contract with the Owner, dated the _____ day of _____, 201_, a copy of which is hereto attached and made a part hereof, for:

NOW, THEREFORE, if the Principal shall promptly make payment to all persons, firms, subcontractors, and corporations furnishing materials for or performing labor in the prosecution of the work provided for in such contract, and any authorized extension or modification thereof, including all amounts due for materials, lubricants, oil, gasoline, coal and coke, repairs on or rentals of machinery, equipment and tools consumed or used in connection with the construction of such work, and all insurance premiums on said work, and for all labor performed in such work whether by subcontractor or otherwise, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that said Surety, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to the work to be performed there under or the specifications accompanying the same shall in any wise affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the work or to the specifications.

PROVIDED, FURTHER, that no final settlement between the Owner and the contractor shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in two (2) counterparts, each one of which shall be deemed an original, this the _____ day of _____, 201_.

Principal _____

By _____

Title _____

Address _____

Attest: (SEAL)

Witness: _____

Attorney-in-fact: _____

By _____

Address _____

Attest: (SEAL)

Witness: _____

NOTE: Date of Bond must not be prior to date of Contract. If Contractor is Partnership, all partners should execute bond.

IMPORTANT: Surety companies executing bonds must appear on the U.S. Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the Commonwealth of Pennsylvania

NOTICE TO PROCEED

TO: _____

DATE: _____

PROJECT: Solid Waste Collection,
Transportation and Disposal Services AND
Recycling Collection, Transportation and
Processing Services from Dwelling Units and Small
Businesses within the Township of _____

Contract No. _____

You are hereby notified to proceed in accordance with the Agreement dated _____

_____, 201__.

FOR THE OWNERS:

_____ **TOWNSHIP**

By: _____

Printed _____

Title _____

You are required to return an acknowledgment of this Notice to Proceed to _____
Township, _____, _____, Pennsylvania _____.

ACCEPTANCE OF NOTICE

Receipt of the above Notice to Proceed is hereby acknowledged by _____
_____ this _____ day of _____, 201_.

By _____

Printed _____

Title _____

NOTE: Failure to return acknowledgment of the Notice to Proceed does not relieve the Contractor of conditions imposed by the Agreement.

Sample Anti-Burn Ordinance

PADEP MODEL AIR POLLUTION CONTROL ORDINANCE

Open Burning

An ordinance of _____ (*municipality*), _____ County, Commonwealth of Pennsylvania for the prevention and control of air pollution; defining certain terms used herein; providing for regulations, exceptions, enforcement orders, responsibility of owners and operators, penalties, unlawful conduct, public nuisances, repealing previous ordinance (*number*), and validity.

SECTION I. Title

This ordinance shall be known and may be cited as the (*municipality*) Air Pollution Control Ordinance of (*year*).

SECTION II. Authority

The (*Council-Board*) of the (*municipality*), under, and by virtue of and pursuant to the authority granted by (*enabling authority/code*) do hereby enact and ordain this ordinance.

SECTION III. Policy

Whereas the (*Council-Board*) of (*municipality*) has determined that air pollution from open burning may be detrimental to the health, comfort, living conditions, welfare, and safety of the citizens of (*municipality*), it is hereby declared to be the policy of (*municipality*) to safeguard the citizens of (*municipality*) from such air pollution.

SECTION IV. Definitions

The following words, terms, and phrases, when used in this ordinance, unless the context clearly indicates otherwise, shall have the following meanings ascribed to them:

Act 101 Recyclables - Materials which are readily recyclable in many markets including old newsprint, high grade office paper, corrugated cardboard, other marketable grades of paper, mixed paper, aluminum cans, steel or bimetallic cans, mixed cans, amber glass, clear glass, green glass, mixed glass, PET plastics, HDPE plastics, mixed plastics, other recyclable plastics, commingled materials, single stream materials.

Air basin -A geographic area of this Commonwealth as delimited in *attachment A*.

Air curtain destructor -A mechanical device which forcefully projects a curtain of air across a pit in which open burning is being conducted so that combustion efficiency is increased and smoke and other particulate matter are contained.

Burning -The act of consuming by fire; to flame, char, scorch, or blaze. As used in this ordinance, smoldering shall have the same meaning as burning and any smoldering shall be deemed a burning.

Clearing and grubbing wastes -Trees, shrubs, and other native vegetation which are cleared from land during or prior to the process of construction. The term does not include demolition wastes and laden roots.

Composting – the process by which organic solid waste is biologically decomposed under controlled anaerobic or aerobic conditions to yield a humus-like product.

Council-Board -Borough Council, Township Board of Supervisors.

Domestic refuse -Waste which is generated from the normal occupancy of a structure occupied solely as a dwelling by two families or less. The term does not include appliances, carpets, demolition waste (insulation, shingles, siding, etc.), furniture, mattresses or box springs, paint putrescible waste, solvents, tires, or treated wood.

Leaf Waste - Leaves, garden residue, shrubbery and tree trimmings, and similar material but not including grass clippings.

Municipality - A city, incorporated town, township, borough, county municipal authority, or other public body created under State law having jurisdiction over the disposal of sewage, industrial wastes, or other wastes.

Open burning - A fire, the air contaminants from which are emitted directly into the outdoor atmosphere and not directed thereto through a flue.

Person - Any individual, public or private corporation for profit or not for profit, association, partnership, firm, trust, estate, department, board, bureau or agency of the Commonwealth or the Federal Government, political subdivision, municipality, district, authority, or any other legal entity whatsoever which is recognized by law as the subject of rights and duties.

Yard waste -Leaves, grass clippings, garden residue, tree trimmings, chipped shrubbery, and other vegetative material.

SECTION V. Regulations

After (*the effective date*) no person may permit the open burning of material with the exception of the following:

1. A fire set to prevent or abate a fire hazard, when approved by the Department of Environmental Protection's Regional Air Quality Program office and set by or under the supervision of a public officer.
2. Any fire set for the purpose of instructing personnel in firefighting, when approved by the Department of Environmental Protection's Regional Air Quality Program office.
3. A fire set for the prevention and control of disease or pests, when approved by the Department of Environmental Protection's Region Quality Program's Office.
4. A fire set for the purpose of burning clearing and grubbing waste. If within an air basin an air curtain destructor must be used and must be approved by the Department of Environmental Protection's Regional Air Quality Program's Office.
5. A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.
6. A fire set for the purpose of burning that amount of domestic refuse generated from one dwelling, when the fire is on the premises of a structure occupied solely as a dwelling by

two families or less and when the refuse results from the normal occupancy of said structure.

7. There shall be no burning of Act 101 recyclables or leaf waste in _____ County, whether at a residence or business. To reduce the unit cost associated with conversion of organics to usable compost, all yard waste and grass clippings collected within the County should be taken to the _____ Recycling Facility, or to a pre-existing, in-County municipally owned composting facility with an active PADEP permit to operate. Increasing the overall volume and variety of incoming organic material will improve the quality of the final product and assure a predictable flow of material through the process. In addition, no resident or business will be allowed to burn any items mandated or collected as a recyclable in the local municipality.
8. A fire set solely for cooking food.
9. A fire set solely for recreational or ceremonial purposes.
10. No fires shall be left unattended. Any burning device shall be covered with a screen and not allowed to smolder.

[Note to the municipality: Municipal ordinances may not be less stringent than the regulations of the Department of Environmental Protection. Municipal ordinances may be more stringent than the regulations. If the municipality wishes to ban open burning of domestic refuse and/or yard waste, delete items 6 and 7 above from the municipal ordinance. If the municipality wishes to totally ban all open burning, simply enact a municipal ordinance which bans all open burning.]

SECTION VI. Enforcement Orders

The (*municipality*) (supervisor, codes officer, zoning officer, or any other duly authorized agent) shall have the power and duty to enforce the provisions of this ordinance.

The (*municipality*) may issue such orders as are necessary to aid in the enforcement of the provisions of this ordinance. These orders shall include, but shall not be limited to: orders

requiring persons to cease unlawful open burning which, in the course of its occurrence, is in violation of any provision of this ordinance; orders to take corrective action or to abate a public nuisance; orders requiring the testing, sampling, or monitoring of any open burning; or orders requiring production of information. Such an order may be issued if the (*municipality*) finds that any condition existing in or on the facility or source involved is causing or contributing to open burning or if the (*municipality*) finds that any person is in violation of any provision of this ordinance.

The (*municipality*) may, in its order, require compliance with such conditions as are necessary to prevent or abate open burning or affect the purposes of this ordinance.

An order issued under this section shall take effect upon notice, unless the order specifies otherwise. An appeal to the (*quasi-judicial body*) of the (*municipality's*) order shall not supersede, provided, however, that, upon application and for cause shown, the (*quasi-judicial body*) may issue a supersede under rules established by the (*quasi-judicial body*).

The authority of the (*municipality*) to issue an order under this section is in addition to any remedy or penalty which may be imposed pursuant to this ordinance. The failure to comply with any such order is hereby declared to be a public nuisance.

SECTION VII. Responsibility of Owners and Operators

Whenever the (*enforcing officer*) finds that open burning is occurring in the (*municipality*), other than those exceptions noted in Section V above, the (*enforcing officer*) may order the owner or operator to take corrective action in a manner satisfactory to the (*municipality*) or the (*enforcing officer*) may order the owner or operator to allow access to the land by the (*enforcing officer*) or a third party to take such action.

For purposes of collecting or recovering the costs involved in taking corrective action or pursuing a cost recovery action pursuant to an order or recovering the cost of litigation, oversight, monitoring, sampling, testing, and investigation related to a corrective action, the (*municipality*) may collect the amount in the same manner as civil penalties are assessed and collected following the process for assessment and collection of a civil penalty contained in Section IX of this ordinance.

SECTION VIII. Criminal Penalties

Any person who violates any provision of this ordinance or any order of the (*municipality*) issued pursuant to this ordinance commits a summary offense and shall, upon conviction, be sentenced to pay a fine of not less than one hundred dollars (\$100.00) nor more than two thousand five hundred dollars (\$2,500.00) for each separate offense and, in default of the payment of such fine, may be sentenced to imprisonment for ninety (90) days for each separate offense. Employees of the (*municipality*) authorized to conduct inspections or investigations are hereby declared to be law enforcement officers authorized to issue or file citations for summary violations under this ordinance, and the (*municipality*) Counsel is hereby authorized to prosecute these offenses. For purposes of this section, a summary offense may be prosecuted before any district justice in this (*municipality*). There is no accelerated rehabilitative disposition authorized for a summary offense.

SECTION IX. Civil Penalties

In addition to proceeding under any other remedy available at law or in equity for a violation of a provision of this ordinance or any order issued pursuant to this ordinance, the (*municipality*) may assess a civil penalty for the violation. The penalty may be assessed whether or not the violation was willful. The civil penalty so assessed shall not exceed ten thousand dollars (\$10,000.00) per day for each violation. In determining the amount of the penalty, the (*municipality*) shall consider the willfulness of the violation; damage to air, soil, water, or other natural resources of the (*municipality*) or their uses; financial benefit to the person in consequence of the violation; deterrence of future violations; cost to the (*municipality*); the size of the source or facility; the compliance history of the source; the severity and duration of the violation; degree of cooperation in resolving the violation; the speed with which compliance is ultimately achieved; whether the violation was voluntarily reported; other factors unique to the owners or operators of the source or facility; and other relevant factors.

[Note to the municipality: The allowable amounts for the penalty increase in 1995 to \$15,000.00 per day for each violation and in 1996 and thereafter to \$25,000.00 per day for each violation. The municipality may want to write these amounts into its ordinance as appropriate.]

When the (*municipality*) proposes to assess a civil penalty, it shall inform the person of the proposed amount of the penalty. The person charged with the penalty shall then have thirty (30) days to pay the proposed penalty in full; or if the person wishes to contest the amount of the penalty or the fact of the violation to the extent not already established, the person shall forward the proposed amount of the penalty to the (*quasi-judicial body*) within the thirty (30) day period for placement in an escrow account with the State Treasurer or any Commonwealth bank or post an appeal bond to the (*quasi-judicial body*) within thirty (30) days in the amount of the proposed penalty, provided that such bond is executed by a surety licensed to do business in the Commonwealth and is satisfactory to the (*municipality*). If, through administrative or final judicial review of the proposed penalty, it is determined that no violation occurred or that the amount of the penalty shall be reduced, the (*quasi-judicial body*) shall, within thirty (30) days, remit the appropriate amount to the person with any interest accumulated by the escrow deposit. Failure to forward the money or the appeal bond at the time of the appeal shall result in a waiver of all legal rights to contest the violation or the amount of the civil penalty unless the appellant alleges financial inability to prepay the penalty or to post the appeal bond. The (*quasi-judicial body*) shall conduct a hearing to consider the appellant's alleged inability to pay within thirty (30) days of the date of the appeal.

The (*quasi-judicial body*) may waive the requirement to prepay the civil penalty or to post an appeal bond if the appellant demonstrates and the (*quasi-judicial body*) finds that the appellant is financially unable to pay. The (*quasi-judicial body*) shall issue an order within thirty (30) days of the date of the hearing to consider the appellant's alleged inability to pay. The amount assessed after administrative hearing or after waiver of administrative hearing shall be payable to the (*municipality*) and shall be collectible in any manner provided by law for the collection of debts, including the collection of interest on the penalty amount computed in accordance with section 6621(a) (2) of the Internal Revenue Code of 1986 (Public Law 99-514, 26 U.S.C. § 1 et seq.) from the date of assessment of the penalty. If any person liable to pay any such penalty neglects or refuses to pay the same after demand, the amount, together with interest and any costs that may accrue shall constitute a debt of such person, as may be appropriate, to the (*municipality*). The debt shall constitute a lien on all property owned by said person when a notice of lien incorporating a description of the property of the person subject to the action is duly filed with the prothonotary of the court of common pleas where the property is located. The prothonotary shall promptly enter upon the civil judgment or order docket, at no cost to the (*municipality*),

the name and address of the person, as may be appropriate, and the amount of the lien as set forth in the notice of lien. Upon entry by the prothonotary, the lien shall attach to the revenues and all real and personal property of the person, whether or not the person is solvent. The notice of lien, filed pursuant to this Section, which affects the property of the person shall create a lien with priority over all subsequent claims or liens which are filed against the person, but it shall not affect any valid lien, right, or interest in the property filed in accordance with established procedure prior to the filing of a notice of lien under this section.

[Note to the municipality: The penalties and remedies available to the municipality are those set forth in the Air Pollution Control Act (APCA), as amended, 35 P.S. 4012, Sections 9, 9.1, and 12(9). Each municipality may tailor the penalty provisions to reflect the municipality's preferred penalty policy, within the legal limits of the APCA.]

SECTION X. Unlawful Conduct

It shall be unlawful to fail to comply with or to cause or assist in the violation of any of the provisions of this ordinance or to fail to comply with any order or other requirement of the (*municipality*); or to cause a public nuisance; or to cause air, soil, or water pollution resulting from an open burning incident, or to hinder, obstruct, prevent, or interfere with the (*municipality*) or its personnel in their performance of any duty hereunder, including denying the (*enforcing officer*) access to the source or facility, or to violate the provisions of 18 Pa.C.S. § 4903 (relating to false swearing) or 4904 (relating to unsworn falsification to authorities) in regard to papers required to be submitted under this ordinance. The owner or operator of an open burning source shall not allow pollution of the air, water, other or natural resources of the (*municipality*) to result from the source.

SECTION XI. Public Nuisances

A violation of this ordinance or of any order issued by the (*municipality*) under this ordinance shall constitute a public nuisance. The (*municipality*) shall have the authority to order any person causing a public nuisance to abate the public nuisance. In addition, when abating a public nuisance, the (*municipality*) may recover the expenses of abatement following the process for assessment and collection of a civil penalty contained in Section IX. Whenever the nuisance is maintained or continued contrary to this ordinance or any order issued pursuant to this

ordinance, the nuisance may be abatable in the manner provided by this ordinance. Any person who causes the public nuisance shall be liable for the cost of abatement.

SECTION XII. Repealer

Ordinance (*no.* _____) previously enacted is hereby repealed. **All** other ordinances or parts thereof which are in conflict with this ordinance are hereby repealed.

SECTION XIII. Validity

The provisions of this ordinance are severable, and if any section, clause, sentence, part, or provision thereof shall be held illegal, invalid, or unconstitutional by any court of competent jurisdiction, such decision of the court shall not affect or impair the remaining sections, clauses, sentences, parts, or provisions of this ordinance. It is hereby declared to be the intent of the (*Council-Board*) that this ordinance would have been adopted if such illegal, invalid, or unconstitutional section, clause, sentence, part, or provision had not been included herein.

SECTION XIV. Effective Date

This ordinance shall become effective on the _____ day of _____ (*month*) _____ (*year*).

Sample Waste and Recycling Ordinance

Model Solid Waste and Recycling Ordinance

A similar ordinance, if passed by a municipality shall address, at a minimum, the following issues. The section in the model ordinance is noted.

Issues that shall be addressed

- Collection of recyclables by waste haulers (§102.1.)
- Standards for waste and recycling collection trucks (§102.2.)
- Standards for waste and recycling containers (§102.3.)
- Regulations to assure that waste is properly handled by the generator (§104.1.). This section assures that waste and/or recycling is
 - Properly contained
 - Collected regularly (including special and bulky wastes/recyclables)
 - Not permitted to accumulate for extended periods. This is also addressed in (§105.2.).
- Waste service is required for all residential, commercial and institutional entities (§104.3.).
- Guidelines or Rules and Regulations that may be changed from time to time by resolution, allowing the municipality the flexibility to update details related to recycling or waste management (§105.4.).

Issue that may be addressed

- If you are requiring recycling or the collection of that which is voluntarily recycled:
 - You may wish to specify that the material goes to a recycling facility that recycles properly and for which the recycling office can secure documented recycling data (§103)
 - You may also wish to specify how recycling will be prepared and collected (§104.2.E and F).
- Whether by drop-off or curbside collection, you may also wish to describe how recycling is to be prepared so that it is not unmarketable or badly contaminated (§104.3.A.6.).
- If you wish to restrict collection days and/or times, collection requirements may be specified (§104.2.). This may be unnecessary in more rural areas but very important in some boroughs or suburbanized townships.

- You may also wish to require insurance coverage for your waste and/or recycling haulers, so as to protect the interests of your municipality (**§105.1.**).

The language provided in this model ordinance describes the ideal provisions for recycling and waste management practices. But your municipality may decide that some slight variation is preferable for your particular situation. These sections or words are shown in *colored italics*.

Introduced:

Adopted:

ORDINANCE NO. _____

SOLID WASTE AND RECYCLING ORDINANCE

AN ORDINANCE OF THE *MUNICIPALITY* ENTITLED "*MUNICIPALITY* SOLID WASTE AND RECYCLABLES STORAGE, COLLECTION, DISPOSAL AND PROCESSING ORDINANCE"

REGULATING THE STORAGE, COLLECTION AND DISPOSAL OF SOLID WASTE

§101. TITLE, PURPOSE AND DEFINITIONS.

1. Title. This Ordinance shall be known as the "*Municipality* Solid Waste and Recyclables Storage, Collection, Disposal and Processing Ordinance."
2. Intent and Purpose.
 - A. It is the intent and purpose of this Ordinance to promote the public health, safety and welfare and to eliminate public health hazards, environmental pollution and economic loss by providing that all residential, commercial and industrial refuse accumulated or stored upon any property within the *Municipality* shall be collected and removed by a responsible person or hauler and shall be disposed in an area authorized by and approved by the *Municipality* in accordance with all State, Federal and local laws and ordinances.
 - B. It is also the intent and purpose of this Ordinance to promote the public health, safety and welfare and to eliminate public health hazards, environmental pollution and economic loss by providing that all material separated and stored for recycling at any residential, commercial, institutional or municipal establishment in accordance with the Municipal Waste Planning, Recycling and Waste Reduction Act (Act 101) and local ordinances and regulations shall be collected and removed by a responsible person or hauler and shall be delivered to a recycling processing center authorized by the *Municipality* for processing and marketing in accordance with all State, Federal and local laws and ordinances.

3. Definitions. For the purpose of interpreting the provisions of this Ordinance, the following words shall have the meaning or meanings ascribed:

ASHES - residue from the burning of coal, coke or other combustible material.

BULKY WASTES - municipal waste which is too large and/or heavy to be placed in standard 30 gallon garbage (municipal waste) bags and/or garbage (municipal waste) receptacles including, but not limited to, appliances, furniture and large auto parts.

CARTWAY - paved area of street, alley, road, avenue, etc.

CONSTRUCTION and/or DEMOLITION WASTE - solid waste (as defined in Act 101) resulting from the construction and/or demolition of buildings and other structures including, but not limited to, wood, plaster, metals, asphaltic substances, brick block and unsegregated concrete. The term also includes dredging waste. The term does not include the following, however, if the same are separate from other waste and are used as "clean fill" (e.g. material used to level uneven areas of real estate):

- (1) Uncontaminated, soil rock, stone, gravel, unused bricks and/or concrete.
- (2) Waste from land bearing, grubbing and excavation, including trees, brush, stumps and vegetative material.

MUNICIPALITY - the municipality adopting and enforcing this Ordinance and any amendments thereto. Any reference to the *Municipality* herein shall also be a reference to any designee or agent of the said *Municipality*.

DISPOSAL - storage, collection, disposal or handling of garbage, municipal waste and other refuse material.

GARBAGE - all crockery, dishes, ashes, cinders, rubber, linoleum, asphalt or tarry products (e.g. roofing paper and shingles), grease and putrescible animal, fish, fowl, fruit or vegetable waste incident to and resulting from the use, preparation, cooking and consumption of food.

HAZARDOUS WASTE - any garbage, refuse, sludge from an industrial or other wastewater treatment plant, sludge from a water supply treatment plant or air pollution control facility and other discarded material, including solid, liquid, semi-solid or contain gaseous material resulting from municipal, commercial, industrial, institutional, mining or agricultural operations and from community activities or any combination of the above. Does not include solid or dissolved material and domestic sewage or solid or dissolved materials in irrigation return flows or industrial discharges which are point sources

subject to permits under §402 of the Federal Water Pollution Control Act, as amended, (86 Stat. 880) or source, special nuclear or byproduct material as defined by the U.S. Atomic Energy Act of 1954, as amended, (68 Stat. 923), which, because of its quantity, concentration or physical, chemical or infectious characteristics may:

- (1) Cause or significantly contribute to an increase in mortality or an increase in morbidity in either an individual or the total population.
- (2) Pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, disposed of or otherwise managed.

The term of "hazardous waste" shall not include coal refuse, as defined in the Act of September 24, 1968 (P.L. 1040, No. 318), known as the "Coal Refuse Disposal Control Act." Hazardous waste shall not include treatment sludges from coal mine drainage treatment plants, disposal of which is being carried on pursuant to and in compliance with a valid permit issued pursuant to Act of June 22, 1937 (P.L. 1987, No. 394), known as the "Clean Streams Law."

HAULER - a person who collects, transports and/or disposes of municipal waste, other refuse material and/or recyclables from residential, commercial and/or industrial establishments.

MUNICIPAL WASTE - any garbage, refuse, industrial lunchroom or office waste and other material, including liquid, semi-solid or contained gaseous material, resulting from the operation of residential, municipal, commercial or institutional establishments and from community activities (including, but not limited, festivals). The term does not include source separated recyclable materials.

MUNICIPALITY - the *Municipality*.

NUISANCE any condition, structure or improvement which shall constitute a threat to the health, safety or welfare of the citizens of the *Municipality*.

OCCUPANT - person generally in possession and control of any residential, commercial, institutional or industrial establishment.

PERSON - every natural person, association, firm or corporation. Person also includes a lessee as well as an owner of a residential establishment and includes a person, association, firm or corporation which owns a residence or business.

RECYCLABLES - materials generated by a person which can be separated from municipal waste and returned to commerce to be reused as a resource in the development of useful

products. Recyclables, include at a minimum, the following: newsprint, aluminum cans, bimetallic cans, clear and/or colored glass, plastic beverage containers, high grade office paper, corrugated paper and paperboard, leaf waste and such other materials as may be designated or deleted from time to time by resolution.

RECYCLING PROCESSING CENTER - a facility that receives, sorts, separates, prepares and markets collected recyclables.

REFUSE - any material other than residual waste, municipal waste, hazardous waste and/or recyclables.

RESIDUAL WASTE - any garbage, refuse, other discarded material or other waste including solid, liquid, semisolid or contained gaseous materials resulting from industrial, mining and agricultural operations and any sludge that is not otherwise hazardous from an industrial, mining or agricultural water supply treatment facility, wastewater treatment facility or air pollution control facility or recycling processing center, provided that is not hazardous. The term "residual waste" shall not include coal refuse, as defined in the Coal Refuse Disposal Control Act. Residual waste shall not include treatment sludges from coal mine drainage treatment plants, disposal of which is being carried on pursuant to and in compliance with a valid permit issued pursuant to the Clean Streams Law.

SPECIAL RECYCLABLES - recyclables other than those recyclables mandated herein to be collected at the curb side, that are marketable as scrap, recyclable or reusable such as angle and cast iron, copper, etc.

WASTE DUMPSTER and/or WASTE CONTAINER - any non-motorized and/or nonpropelled receptacle designed to hold and/or receive municipal waste and/or other refuse material, capable of being lowered and lifted by motor vehicle or truck for the purpose of municipal waste and/or other refuse material collection.

In this Ordinance, the singular shall include the plural and the masculine shall include the feminine and the neuter.

Other words not defined herein shall have the meaning set forth in the Municipal Waste Planning, Recycling and Waste Reduction Act (Act 101) and any regulations promulgated from this Act or related statutes, the _____ (applicable section of Ordinance), and any other applicable ordinance or regulation of the *Municipality*.

§102. HAULER REQUIREMENTS.

1. Collection of Recyclables Required. Except as otherwise provided by this Ordinance or any other ordinance or regulations of the *Municipality*, any person who collects municipal waste and/or other refuse material within the *Municipality* shall also collect recyclables as set forth in Section 3.0 of the Recycling Ordinance Guidelines promulgated pursuant to the Collection and Recycling Ordinance or regulations of the *Municipality*.
2. Collection Vehicles; Specifications and Condition
 - A. *No hauler shall operate, cause or permit to be operated, any motor vehicle or truck for collecting or disposing of municipal waste and/or other refuse material within the limits of the Municipality unless such motor vehicle or truck shall be equipped with a fireproof and leak proof compacting compartment. Said compacting compartment, in addition to meeting any other specifications herein required, shall facilitate complete containment of solid waste and be equipped with operable drain plugs at the lowest point. Only bulky oversized waste or recyclables may be collected in open bed vehicles and, said items shall be secured and completely covered with a water proof tarpaulin.*
 - B. No vehicle used in the collection, transportation or disposal of municipal waste, recyclables and/or other refusal material shall scatter any of said material, leachate or vehicle fluids on the streets, roads, highways, alleys or other property (private or public) in the *Municipality*.
 - C. Vehicles used to collect or transport municipal waste and/or other refuse materials shall be maintained in a sanitary condition so as to present as satisfactory outward appearance and shall meet all the requirements of the *Municipality* and the Pennsylvania Department of Environmental Protection.
 - D. Vehicles used to collect or transport municipal and residual waste in the state of Pennsylvania shall be licensed by the Pennsylvania Department of Environmental Protection, pursuant to The Waste Transportation Safety Act (Act 90). This applies to waste transportation vehicles (trucks and truck tractors) with a registered gross vehicle weight greater than 17,000 lbs., and trailers with a registered gross vehicle weight greater than 10,000 lbs. All waste haulers

operating in the *Municipality* must have a valid Waste Transporter Authorization.

- E. The *Municipality* or its agent shall have the right to inspect any vehicles used to collect or transport municipal waste, other refuse material or recyclables at any reasonable time for the purpose of determining compliance with this Ordinance or any other ordinance, resolution and/or regulation of the *Municipality*. The hauler shall correct deficiencies immediately upon notification by the *Municipality*, and said collection vehicle shall not be used for the purposes set forth in this Ordinance until said deficiencies have been corrected.
- F. Each hauler shall maintain its equipment in such condition as to be able to maintain their collection schedule.
- G. Trucks and/or other vehicles used for the collecting, transporting, disposing or removing any municipal waste, other refuse material or recyclables in the *Municipality* shall meet the following requirements:
 - (1) Packers. All municipal waste, other refuse material, any recyclables shall be enclosed within the confines of the cargo area, which shall be watertight.
 - (2) Dump Trucks. If constructed with completely metal beds and lacking additional wooden sideboards, such truck shall be covered with a waterproof tarp as set forth in §102(7)(A.). *Dump Trucks may be used to collect only bulky oversized waste or recyclables.*
 - (3) Any trucks or vehicles used for the collection and/or transporting of recyclables within the *Municipality* shall conform to the requirements of the Recycling Ordinance Guidelines promulgated pursuant to this Ordinance and any other applicable ordinance, resolution or regulation of the *Municipality*.
 - (4) Any and all vehicles used for collection of municipal waste, other refuse material and/or recyclables, shall be clearly marked to identify the person which collect(s) municipal waste, other refuse and/or recyclables pursuant to this or any other applicable *Municipality* ordinance. The marking used by said person shall contain lettering no less than 6 inches in height.

3. Waste Dumpsters and/or Specifications and Conditions.

- A. Any waste dumpster and/or waste container(s) placed in public right-of-ways shall, in addition to being subject to the requirements of §104(1)(E), be illuminated with a warning light, light reflector or a reflectorized material visible to oncoming vehicles for a distance of not less than 300 feet, between the hours of sunset and sunrise.
- B. Any waste dumpster and/or waste container shall be equipped with a cover so that when not in use, material will not blow from the container, nor will significant amounts of water accumulate in the waste dumpster and/or waste container so as to cause leakage.
- C. Liquid leachate shall not leak from any waste dumpster and/or waste container onto any street, sidewalk or public right-of-way.
- D. Only permitted, nonrecyclable municipal waste shall be placed in such containers, in compliance with all applicable ordinances and/or guidelines.
- E. The name of the hauler responsible for the placement, emptying or removal of the waste dumpster and/or waste container must prominently be displayed thereon.
- F. No person shall park or place any waste dumpster and/or waste container on any street, alley, highway, sidewalk or right-of-way within the *Municipality* under any circumstances under subsection (G).
- G. Subsection (F) of this subsection shall not be applicable to the temporary parking/placement of said waste dumpster and/or waste container upon proof of sufficient cause, to the *Municipality*, at which time a permit will be issued for a temporary period of time determined as reasonable. The permit will not be valid unless the waste dumpster and/or waste container meets all specifications required by this Ordinance. Additionally, at no time will a waste dumpster and/or waste container be placed onto any running lane of the roadway restricting the flow of traffic.
- H. Upon official notification by the *Municipality* of violation of this Ordinance and/or other applicable ordinances and/or guidelines, the hauler responsible for the placement, emptying or removal of same or the owner of the same shall remove

said

waste dumpster and/or waste container in violation from the street, alley and/or highway or sidewalk within 24 hours. If the waste dumpster and/or waste container has not been removed and the hauler responsible for the placement, emptying or removal of same or the owner of the same has not shown cause for a time extension, the *Municipality* shall move or cause to be moved, at the said hauler or owner's expense, said equipment in violation, to a suitable facility where it may be reclaimed by the said hauler and/or owner upon payment of costs.

- I. The waste dumpster and/or waste container permit fee under this Ordinance shall be as established from time to time by the *Municipality* and shall be in addition to all other license fees or tax required to be paid by the Laws of the Commonwealth of Pennsylvania or the ordinances of the *Municipality*.

§103. AUTHORIZATION TO CONTRACT FOR SERVICES

1. The *Municipality* and/or its designee may, from time to time, execute such contracts on terms and conditions as deemed advisable with not more than six persons to enable such person and/or persons to operate or cause to be operated a recycling processing center for the purpose of accepting recyclables collected within the *Municipality* for processing and/or disposal. It shall be unlawful for any person or persons to engage in the business of operating or causing to operate a recycling processing center for the purpose of accepting recyclables collected within the *Municipality* unless said person shall have secured a contract with the *Municipality* to permit such business.
2. Nothing in this Ordinance shall be construed as granting permission to any person and/or persons to operate a recycling processing center outside the corporate limits of the *Municipality*. Each recycling processing center shall comply with all applicable requirements of the host municipality and/or the Commonwealth of Pennsylvania including, but not limited to, zoning and subdivision laws.

3. In the event that any hauler has a contract or agreement existing as of _____ 201__, to deliver some, but less than all, recyclables collected in the *Municipality* to a nonapproved site for recovery, said hauler shall submit, prior to the acceptance by the approved recycling processing center of any recyclables, a copy of said contract or agreement to the approved recycling processing center and in that event, the approved recycling processing center shall accept the remaining material delivered to it by said hauler, for an additional fee as may be set forth in the contract between the *Municipality* and the approved recycling processing center. In this event, said approved recycling processing center shall, within 5 working days of receipt of said contract or agreement, provide to the *Municipality* a copy of said contract or agreement provided to said recycling processing center by the hauler.
4. Any breach of a contract by a person and/or persons executing the same with the *Municipality* for the purpose of operation of a recycling processing center shall be considered a violation of this Ordinance and shall subject said persons and/or persons, in addition to contractual remedies, to the penalties provided herein.

§104. COLLECTION OF MUNICIPAL WASTE, OTHER REFUSE MATERIAL AND/OR RECYCLABLES.

1. Point of Collection

- A. Municipal waste, other refuse or recyclables shall be placed at the edge of the cartway or any other designated place for collection no sooner than 6:00 p.m. on the day before the scheduled day for collection each week.
- B. Each hauler shall collect all municipal waste, other refuse material and/or all recyclables that have been placed at the side of the cartway or other designated location by its customers for collection, except as otherwise provided in this Ordinance or any other ordinance, resolution or regulation of the *Municipality*.
- C. In the event a person is disabled, under the definition of the Americans with Disabilities Act of 1990, and said person due to the disability is unable to place municipal waste, refuse and/or recyclables, generated at said person's residence, at the curb side and said person in any manner notifies their hauler of said person's disability, the hauler shall make reasonable accommodations with said disabled

person as to a more accommodating place for placement and collection of the municipal waste, refuse and/or recyclables by the hauler.

- D. If a person who is disabled pursuant to the immediately preceding subsection, requests said person's hauler to make reasonable accommodations as to a more accommodating place for placement and collection of municipal waste, refuse and/or recyclables and said hauler refuses and/or the said person believes the accommodations made are not reasonable, said person, or person's agent (hereinafter "complainant") shall notify the *Municipality* within 30 days of said accommodations, if believed to be unreasonable by the complainant or within 30 days of request by the complainant for reasonable accommodations if none have been made by the complainant's hauler. The Manager of the *Municipality* or the Municipality's duly authorized agent shall, within 15 days of said notice by the complainant, investigate the complaint, and if found to be valid, shall, within 30 days of said complaint, notify the complainant's hauler, in writing, by certified mail, return receipt requested, of the deficiency, with a photocopy of said notice to the complainant, and indicate the corrective action to be taken within 10 days of receipt of said notice. Failure of said hauler to comply with the directives of the notice shall constitute a violation of this Ordinance, and may subject the said hauler to penalties.
- E. Each hauler owning, leasing and/or otherwise placing or causing to be placed any container at any type of establishment for the purpose of placing municipal waste, other refuse material and/or recyclables therein for later collection, shall ensure
- that any such container is emptied within 48 hours of the same becoming full to capacity, regardless of whether the fee for collection of the same has been paid. Nothing herein shall prevent the hauler from removing said hauler owned or leased container from the establishment for nonpayment of collection services so long as the container is emptied with regard to municipal waste, at a permitted landfill facility licensed by the Commonwealth of Pennsylvania and, with regard to recyclables, at a recycling center licensed by the *Municipality*.

2. Days and Hours of Collection.

A. Collection Days Established

- (1) Days of Collection. The *Municipality* may, by resolution, establish specific days or hours for collection of waste or recyclable materials
 - (2) No Collection Days Established. A hauler shall not be permitted to collect, remove and/or transport municipal waste, other refuse material and/or recyclables from residential establishments and/or multi-family establishments with four or more units on Sundays, Thanksgiving Day, New Year's Day, Memorial Day, Independence Day, Labor Day and Christmas Day and at such other times as may be announced by the *Municipality* in situations considered to be an emergency by the *Municipality*. Any time and date of collection may, at any time, be changed by resolution of the *Municipality Governing Body* of the *Municipality*.
- B. Hours of Collection. The collection of municipal waste, other refuse material and/or recyclables at residential establishments and/or multifamily dwellings having more than four units per structure, shall only occur between the hours of _____a.m. and _____p.m. on any single day of collection and shall not occur at any other time, unless otherwise provided herein or by the *Municipality*.
- C. Residential Municipal Waste Removed At Least Once Per Week. Each hauler pursuant to this Ordinance shall, for its own customers, collect and remove, any municipal waste and/or refuse material placed for collection by occupants of residential establishments, at least once each week, except for the collection of recyclables at residential establishments, which shall be collected as set forth in the Recycling Ordinance Guidelines.
- D. Commercial Removal. Each hauler shall collect municipal waste or other refuse material from commercial establishments at least once every week and shall collect said municipal waste and/or other refuse material more often if necessary to control health hazards or to prevent the accumulation of municipal waste or other refuse material so as to create a nuisance, odor, unsightly appearance, *except for the collection of recyclables from commercial establishments which shall be collected as set forth in subsection (F) of this subsection.*
- E. Residential Recyclables Removed At Least Once Every Other Week. *Recyclables shall be collected for residential establishments as set forth in the Recycling Ordinance Guidelines promulgated pursuant to this Ordinance and any other applicable ordinance or regulation of the Municipality.*

F. Commercial Recyclables Removal. *Recyclables shall be collected from commercial establishments as set forth in the Recycling Ordinance Guidelines promulgated pursuant to this Ordinance and any other applicable ordinance or regulation of the Municipality.*

G. Bulky Waste Removal. All haulers, upon oral and/or written notification by persons who own and/or occupy residential establishments shall, within 14 days of such notification, collect bulky waste and/or special recyclables from the residential establishments indicated in such notification.

3. Preparation for Collection.

A. Waste Service Required. It shall be the duty of the owner of all residential establishments, rented or otherwise occupied by said owner and of all establishments containing multifamily rental housing property with four or more units and commercial, municipal and institutional establishments to contract the services of a hauler to collect any municipal waste, other refuse material (on at least a weekly basis) and/or recyclables (in accordance with the Recycling Ordinance Guidelines promulgated pursuant to this Ordinance and any other applicable ordinance or regulation of the *Municipality*) resulting from the operation of any such establishment unless said establishment, by some other means, disposes of the same at a duly approved municipal waste facility or a duly approved recycling processing facility on a regular basis, retaining as proof thereof, at a minimum, monthly disposal receipts from such a facility and all such establishments shall prepare said materials as follows:

- (1) All municipal waste and/or material shall be drained of liquid insofar as practical and shall be placed in sanitary sealed bags, containers and/or cans made of nonabsorbent material.
- (2) Containers used by residential establishments shall not exceed 30 gallons in size (unless the hauler utilizes semi-automated collection technology that allows use of larger carts. Cans shall be rust-resistant material and shall be furnished and kept clean by the occupant and shall be replaced by the occupant when no longer in satisfactory condition.
- (3) All municipal waste which cannot be disposed of in containers shall be assembled, boxed or bundled separately in such a way that it can

be handled conveniently and will not be disseminated by wind or otherwise, while awaiting collection.

- (4) All refuse except bulky waste shall be of units and weight such as can be handled by one person and shall be placed in containers or piled and assembled in such a way as to facilitate collection.
- (5) All containers shall be kept on the resident's property until it is placed for collection as in subsection (1) of this Section.
- (6) All recyclables shall be prepared for collection as set forth in the Recycling Ordinance Guidelines promulgated pursuant to this Ordinance and any other applicable ordinance, resolution or regulation of the *Municipality*.
- (7) Establishments containing multifamily rental housing property with four or more units and commercial, municipal and institutional establishments shall place all municipal waste emanating from said establishments in containers made from rust-resistant material of sufficient size and strength to fully accommodate all such municipal waste and of such design to prevent animals from gaining access to such waste. Said containers kept at such establishments shall be kept clean and be replaced when needed by the occupants, owners, landlords and/or agents of such persons.
- (8) Construction and/or demolition waste must be placed in a rigid container, roll off or solid waste vehicle and may not be stored on the ground, next to structures (as the same may be defined in the *Municipality* Zoning Ordinance) and/or public rights-of-ways. A separate container must be provided for mandated recyclable materials (including, but not limited to, corrugated cardboard).

4. Transfer of Municipal Waste. No person shall transfer or permit to transfer municipal waste and/or other refuse material from one collection vehicle to another collection vehicle in any area of the *Municipality* except as follows:
 - A. When said vehicles are parked at a duly approved transfer station.
 - B. When, due to terrain and/or weather conditions, the hauler's collection vehicle, due to its size and/or tire traction, is unable to gain access to the area (e.g. a rural or extremely

hilly area of the *Municipality*) where the said waste is placed by the hauler's customer for collection. Only solid waste collected under these conditions may be so transferred from one collection vehicle to another collection vehicle. Said transfer must be from truck to truck and no waste, recyclable materials or liquid leachate may touch or be left on the ground or pavement.

5. Inspection of Municipal Waste and Recyclables. In order to ensure compliance with all applicable *Municipality* ordinances, the *Municipality*, its agents (including, but not limited to, Perry County) and/or the *Municipality's* employees, may conduct inspections of any and all municipal waste, other refuse material and/or recyclables placed at the point of collection for pickup and may inspect, at any time, any approved recycling processing center.
6. All haulers must, on a form provided by the *Municipality*, report all persons for whom the hauler collects, whether residential, commercial, municipal and/or institutional establishments, that fail, during the monthly reporting period, at any and all times, to separate and prepare recyclables for collection as set forth in the Recycling Ordinance Guidelines and/or has had service discontinued for any reason. All haulers shall also submit the name and address of any and all new persons for whom the hauler has been requested to collect during the monthly reporting period. Said report shall be completed in its entirety by the said hauler and supplied to the Perry County Conservation District by the first day of each month.

§105. MISCELLANEOUS

1. Insurance Coverage.

- A. All haulers shall carry an insurance policy providing comprehensive liability and property damage insurance, the limits of said insurance policy shall be not less than \$300,000 for personal liability and \$300,000 for property damage and may be required to furnish proper certificate of insurance to the *Municipality*.
- B. All haulers shall carry an insurance policy providing for Workmen's Compensation insurance, as required by the Commonwealth of Pennsylvania, and may be required to furnish proper certificate of insurance coverage for Worker's Compensation to the *Municipality*.

2. Accumulation of Garbage Prohibited. It shall be unlawful to place or permit to remain any municipal waste or refuse material or other material subject to decay, including recyclables, except yard waste that is composted in an acceptable manner, anywhere in the *Municipality*, except in a tightly covered metal or plastic container.
3. Independent Contractor Status. All haulers shall not in any manner be construed as an agent, servant or employee of the *Municipality*, but shall at all times be considered and remain an independent contractor. Furthermore, any and all personal and/or real property owned, leased or controlled by any hauler shall at all times be considered and remain as the sole personal and/or real property of said person.
4. Rules and Regulations. The *Municipality* is hereby authorized to promulgate rules and regulations and to issue forms as necessary to implement this Ordinance.
5. Penalty/Offense. Any person who operates, causes or permits to be operated a motor vehicle or truck in violation of this Ordinance or who causes or permits the accumulation of municipal waste, other refuse material or recyclables in violation of this Ordinance or any person who violates any other provision of this Ordinance shall be, upon conviction thereof, sentenced to pay a fine of not less than \$100 nor more than \$1,000 plus costs and, in default of payment of said fine and costs, to a term of imprisonment not to exceed 30 days. Each day that a violation continues shall constitute a separate offense.
6. *Perry County, the Perry County Conservation District, Municipality Code Enforcement Department and the Municipality Police Department* are hereby authorized to enforce the provisions of this Ordinance, and any and all Solid Waste and/or Recycling Ordinances, all as may be amended from time to time, enacted by the *Municipality*.

SECTION 2. REPEALER.

Any ordinances or parts thereof inconsistent with this Ordinance are hereby repealed.

SECTION 3. SEVERABILITY.

If any sentence, clause, section or part of this Ordinance is for any reason found to be unconstitutional, illegal or invalid, such unconstitutionality, illegality or invalidity shall not affect or impair any of the remaining provisions, sentences, clauses, sections or parts of this Ordinance. It is hereby declared as the intent of the Council of the *Municipality* that this Ordinance would have been adopted had such unconstitutional, illegal or invalid sentence, clause, section or part thereof not been included herein.

SECTION 4. EFFECTIVE DATE.

With the exception of Section 104 above, this Ordinance shall become effective on the earliest date provided by law. Section 104 above, shall become effective within thirty (30) days of adoption of this Ordinance.

ORDAINED AND ENACTED as an Ordinance of the *Governing Body* of the *Municipality* on this day of _____, 201__.

ATTEST:

APPROVE:

Municipality Clerk or Secretary

Mayor or
Chair of the Board of Supervisors

Model Solid Waste Ordinance for Drop-off Recycling Communities

This solid waste management plan recommends passage of a similar ordinance, addressing, at a minimum, the following issues. The section in the model ordinance is noted.

Issues that should be addressed

- Standards for waste collection trucks (§102.2.)
- Standards for waste and recycling containers (§102.3.)
- Prohibition of the burning of recyclable materials (§103.3.)
- Regulations to assure that waste is properly handled by the generator (§104.1.). This section assures that waste and/or recycling is
 - Properly contained
 - Collected regularly (including special and bulky wastes/recyclables)
 - Not permitted to accumulate for extended periods. This is also addressed in (§105.2.).
- Waste service is required for all residential, commercial and institutional entities (§104.3.).
- Guidelines or Rules and Regulations that may be changed from time to time by resolution, allowing the municipality the flexibility to update details related to recycling or waste management (§105.4.).

Issue that may be addressed

- If you are requiring recycling or the collection of that which is voluntarily recycled:
 - You may wish to specify that the material goes to a recycling facility that recycles properly and for which the recycling office can secure documented recycling data (§103)
 - You may also wish to specify how recycling will be prepared and collected (§104.2.E and F).
- Whether by drop-off or curbside collection, you may also wish to describe how recycling is to be prepared so that it is not unmarketable or badly contaminated (§104.3.A.6.).
- If you wish to restrict collection days and/or times, collection requirements may be specified (§104.2.). This may be unnecessary in more rural areas but very important in some boroughs or suburbanized townships.

- You may also wish to require insurance coverage for your waste and/or recycling haulers, so as to protect the interests of your municipality (**§105.1.**).

The language provided in this model ordinance describes the ideal provisions for recycling and waste management practices. But your municipality may decide that some slight variation is preferable for your particular situation. These sections or words are shown in *colored italics*.

Introduced:

Adopted:

ORDINANCE NO. ____
SOLID WASTE AND RECYCLING ORDINANCE

AN ORDINANCE OF THE *MUNICIPALITY* ENTITLED "*MUNICIPALITY* SOLID WASTE AND RECYCLABLES STORAGE, COLLECTION, DISPOSAL AND PROCESSING ORDINANCE"

REGULATING THE STORAGE, COLLECTION AND DISPOSAL OF SOLID WASTE

§101. TITLE, PURPOSE AND DEFINITIONS.

1. Title. This Ordinance shall be known as the "*Municipality* Solid Waste and Recyclables Storage, Collection, Disposal and Processing Ordinance."
2. Intent and Purpose.
 - A. It is the intent and purpose of this Ordinance to promote the public health, safety and welfare and to eliminate public health hazards, environmental pollution and economic loss by providing that all residential, commercial and industrial refuse accumulated or stored upon any property within the *Municipality* shall be collected and removed by a responsible person or hauler and shall be disposed in an area authorized by and approved by the *Municipality* in accordance with all State, Federal and local laws and ordinances.
 - B. It is also the intent and purpose of this Ordinance to promote the public health, safety and welfare and to eliminate public health hazards, environmental pollution and economic loss by providing that all material separated and stored for recycling at any residential, commercial, institutional or municipal establishment in accordance with the Municipal Waste Planning, Recycling and Waste Reduction Act (Act 101) and local ordinances and regulations shall be collected and removed by a responsible person or hauler and shall be delivered to a recycling processing center

authorized by the *Municipality* for processing and marketing in accordance with all State, Federal and local laws and ordinances.

3. Definitions. For the purpose of interpreting the provisions of this Ordinance, the following words shall have the meaning or meanings ascribed:

ASHES - residue from the burning of coal, coke or other combustible material.

BULKY WASTES - municipal waste which is too large and/or heavy to be placed in standard 30 gallon garbage (municipal waste) bags and/or garbage (municipal waste) receptacles including, but not limited to, appliances, furniture and large auto parts.

CARTWAY - paved area of street, alley, road, avenue, etc.

CONSTRUCTION and/or DEMOLITION WASTE - solid waste (as defined in Act 101) resulting from the construction and/or demolition of buildings and other structures including, but not limited to, wood, plaster, metals, asphaltic substances, brick block and unsegregated concrete. The term also includes dredging waste. The term does not include the following, however, if the same are separate from other waste and are used as "clean fill" (e.g. material used to level uneven areas of real estate):

- (1) Uncontaminated, soil rock, stone, gravel, unused bricks and/or concrete.
- (2) Waste from land bearing, grubbing and excavation, including trees, brush, stumps and vegetative material.

MUNICIPALITY - the municipality adopting and enforcing this Ordinance and any amendments thereto. Any reference to the *Municipality* herein shall also be a reference to any designee or agent of the said *Municipality*.

DISPOSAL - storage, collection, disposal or handling of garbage, municipal waste and other refuse material.

GARBAGE - all crockery, dishes, ashes, cinders, rubber, linoleum, asphalt or tarry products (e.g. roofing paper and shingles), grease and putrescible animal, fish, fowl,

fruit or vegetable waste incident to and resulting from the use, preparation, cooking and consumption of food.

HAZARDOUS WASTE - any garbage, refuse, sludge from an industrial or other wastewater treatment plant, sludge from a water supply treatment plant or air pollution control facility and other discarded material, including solid, liquid, semisolid or contain gaseous material resulting from municipal, commercial, industrial, institutional, mining or agricultural operations and from community activities or any combination of the above. Does not include solid or dissolved material and domestic sewage or solid or dissolved materials in irrigation return flows or industrial discharges which are point sources subject to permits under §402 of the Federal Water Pollution Control Act, as amended, (86 Stat. 880) or source, special nuclear or byproduct material as defined by the U.S. Atomic Energy Act of 1954, as amended, (68 Stat. 923), which, because of its quantity, concentration or physical, chemical or infectious characteristics may:

- (1) Cause or significantly contribute to an increase in mortality or an increase in morbidity in either an individual or the total population.
- (2) Pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, disposed of or otherwise managed.

The term of "hazardous waste" shall not include coal refuse, as defined in the Act of September 24, 1968 (P.L. 1040, No. 318), known as the "Coal Refuse Disposal Control Act." Hazardous waste shall not include treatment sludges from coal mine drainage treatment plants, disposal of which is being carried on pursuant to and in compliance with a valid permit issued pursuant to Act of June 22, 1937 (P.L. 1987, No. 394), known as the "Clean Streams Law."

HAULER - a person who collects, transports and/or disposes of municipal waste, other refuse material and/or recyclables from residential, commercial and/or industrial establishments.

MUNICIPAL WASTE - any garbage, refuse, industrial lunchroom or office waste and other material, including liquid, semi-solid or contained gaseous material, resulting from

the operation of residential, municipal, commercial or institutional establishments and from community activities (including, but not limited to, festivals). The term does not include source separated recyclable materials.

MUNICIPALITY - the *Municipality*.

NUISANCE - any condition, structure or improvement which shall constitute a threat to the health, safety or welfare of the citizens of the *Municipality*.

OCCUPANT - person generally in possession and control of any residential, commercial, institutional or industrial establishment.

PERSON - every natural person, association, firm or corporation. Person also includes a lessee as well as an owner of a residential establishment and includes a person, association, firm or corporation which owns a residence or business.

RECYCLABLES - materials generated by a person which can be separated from municipal waste and returned to commerce to be reused as a resource in the development of useful products. Recyclables include at a minimum, the following: newsprint, aluminum cans, bimetallic cans, clear and/or colored glass, plastic beverage containers, high grade office paper, corrugated paper and paperboard, leaf waste, e-Waste, HHW, and such other materials as may be designated or deleted from time to time by resolution.

RECYCLING PROCESSING CENTER - a facility that receives, sorts, separates, prepares and markets collected recyclables.

REFUSE - any material other than residual waste, municipal waste, hazardous waste and/or recyclables.

RESIDUAL WASTE - any garbage, refuse, other discarded material or other waste including solid, liquid, semisolid or contained gaseous materials resulting from industrial, mining and agricultural operations and any sludge that is not otherwise

hazardous from an industrial, mining or agricultural water supply treatment facility, wastewater treatment facility or air pollution control facility or recycling processing center, provided that is not hazardous. The term "residual waste" shall not include coal refuse, as defined in the Coal Refuse Disposal Control Act. Residual waste shall not include treatment sludges from coal mine drainage treatment plants, disposal of which is being carried on pursuant to and in compliance with a valid permit issued pursuant to the Clean Streams Law.

SPECIAL RECYCLABLES - recyclables other than those recyclables mandated herein to be collected at the curb side, that are marketable as scrap, recyclable or reusable such as angle and cast iron, copper, etc.

WASTE DUMPSTER and/or WASTE CONTAINER - any non-motorized and/or nonpropelled receptacle designed to hold and/or receive municipal waste and/or other refuse material, capable of being lowered and lifted by motor vehicle or truck for the purpose of municipal waste and/or other refuse material collection.

In this Ordinance, the singular shall include the plural and the masculine shall include the feminine and the neuter.

Other words not defined herein shall have the meaning set forth in the Municipal Waste Planning, Recycling and Waste Reduction Act (Act 101) and any regulations promulgated from this Act or related statutes, the _____ (applicable section of Ordinance), and any other applicable ordinance or regulation of the *Municipality*.

§102. HAULER REQUIREMENTS.

1. Collection Vehicles; Specifications and Condition.
 - A. No hauler shall operate, cause or permit to be operated, any motor vehicle or truck for collecting or disposing of municipal waste and/or other refuse material within the limits of the Municipality unless such motor vehicle or truck shall be equipped with a fireproof and leak proof compacting compartment or have provisions to

- securely cover waste or recycled material. If waste or recyclables are collected in open bed vehicles, said items and materials shall be secured and completely covered with a water proof tarpaulin.
- B. No vehicle used in the collection, transportation or disposal of municipal waste, recyclables and/or other refuse material shall scatter any of said material, leachate or vehicle fluids on the streets, roads, highways, alleys or other property (private or public) in the *Municipality*.
 - C. Vehicles used to collect or transport municipal waste and/or other refuse materials shall be maintained in a sanitary condition so as to present as satisfactory outward appearance and shall meet all the requirements of the *Municipality* and the Pennsylvania Department of Environmental Protection.
 - D. Vehicles used to collect or transport municipal and residual waste in the state of Pennsylvania shall be licensed by the Pennsylvania Department of Environmental Protection, pursuant to The Waste Transportation Safety Act (Act 90). This applies to waste transportation vehicles (trucks and truck tractors) with a registered gross vehicle weight greater than 17,000 lbs., and trailers with a registered gross vehicle weight greater than 10,000 lbs. All waste haulers operating in the *Municipality* must have a valid Waste Transporter Authorization.
 - E. The *Municipality* or its agent shall have the right to inspect any vehicles used to collect or transport municipal waste, other refuse material or recyclables at any reasonable time for the purpose of determining compliance with this Ordinance or any other ordinance, resolution and/or regulation of the *Municipality*. The hauler shall correct deficiencies immediately upon notification by the *Municipality*, and said collection vehicle shall not be used for the purposes set forth in this Ordinance until said deficiencies have been corrected.
 - F. Each hauler shall maintain its equipment in such condition as to be able to maintain their collection schedule.
 - G. Trucks and/or other vehicles used for the collecting, transporting, disposing or removing any municipal waste, other refuse material or recyclables in the *Municipality* shall meet the following requirements:
 - (1) Packers. All municipal waste, other refuse material], any recyclables shall be enclosed within the confines of the cargo area, which shall be watertight.

- (2) Dump Trucks. If constructed with completely metal beds and lacking additional wooden sideboards, such truck shall be covered with a waterproof tarp as set forth in §102(1)(A.).
 - (3) Any trucks or vehicles used for the collection and/or transporting of recyclables within the *Municipality* shall conform to the requirements of the Recycling Ordinance Guidelines promulgated pursuant to this Ordinance and any other applicable ordinance, resolution or regulation of the *Municipality*.
 - (4) Any and all vehicles used for collection of municipal waste, other refuse material and/or recyclables, shall be clearly marked to identify the person which collect(s) municipal waste, other refuse and/or recyclables pursuant to this or any other applicable *Municipality* ordinance. The marking used by said person shall contain lettering no less than 6 inches in height.
2. Waste Dumpsters and/or Specifications and Conditions.
- A. Any waste dumpster and/or waste container(s) placed in public right-of-ways shall, in addition to being subject to the requirements of §104(1)(E), be illuminated with a warning light, light reflector or a reflectorized material visible to oncoming vehicles for a distance of not less than 300 feet, between the hours of sunset and sunrise.
 - B. Any waste dumpster and/or waste container shall be equipped with a cover so that when not in use, material will not blow from the container, nor will significant amounts of water accumulate in the waste dumpster and/or waste container so as to cause leakage.
 - C. Liquid leachate shall not leak from any waste dumpster and/or waste container onto any street, sidewalk or public right-of-way.
 - D. The name of the hauler responsible for the placement, emptying or removal of the waste dumpster and/or waste container must prominently be displayed thereon.

§103. RECYCLING REQUIREMENTS.

1. The *Municipality* and/or its designee may, from time to time, execute contracts on terms and conditions as deemed advisable with a person(s) to provide recycling collection and

processing services for the recyclables dropped off by residents and businesses at the municipality's drop-off recycling facility.

2. Recycling service providers shall provide written or electronic documentation of recyclable material recovery, that at minimum shall include:
 - A. Certified weights of the material
 - B. The broker or end market that bought or took the material
 - C. The date that the material was collected and/or sold.
 - D. Other information as the municipality may find valuable.
3. Material that is dropped-off at the Municipality's recycling facility shall be free of trash and non-recyclable contaminants as specified in written instructions or signage at the facility. Dumping of material not accepted at the facility shall constitute illegal dumping of waste and offenders may be prosecuted for said violations.
4. It shall be unlawful for any person to burn those materials which are recycled at the Municipality's drop-off recycling facility or as part of other regular special recycling events in the county. These would include, but not be limited to, the following materials:
 - A. Clear glass, colored glass, aluminum, steel and bimetallic cans, mixed recyclable paper, newsprint (newspaper), plastic bottles and any and all other source separated recyclable material, which may, from time to time, be determined by resolution.
 - B. Electronic Wastes of any kind, including but not limited to items described in the Covered Device Recycling Act of 2010.
 - C. Hazardous Wastes
 - D. Tires

§104. COLLECTION OF MUNICIPAL WASTE, OTHER REFUSE MATERIAL AND/OR RECYCLABLES.

1. Point of Collection.

- A. Municipal waste, other refuse or recyclables shall be placed at the edge of the cartway or any other designated place for collection no sooner than 6:00 p.m. on the day before the scheduled day for collection each week.
- B. Each hauler shall collect all municipal waste, other refuse material and/or all recyclables that have been placed at the side of the cartway or other designated location by its customers for collection, except as otherwise provided in this Ordinance or any other ordinance, resolution or regulation of the *Municipality*.
- C. In the event a person is disabled, under the definition of the Americans with Disabilities Act of 1990, and said person due to the disability is unable to place municipal waste, refuse and/or recyclables, generated at said person's residence, at the curb side and said person in any manner notifies their hauler of said person's disability, the hauler shall make reasonable accommodations with said disabled person as to a more accommodating place for placement and collection of the municipal waste, refuse and/or recyclables by the hauler.
- D. If a person who is disabled pursuant to the immediately preceding subsection, requests said person's hauler to make reasonable accommodations as to a more accommodating place for placement and collection of municipal waste, refuse and/or recyclables and said hauler refuses and/or the said person believes the accommodations made are not reasonable, said person, or person's agent (hereinafter "complainant") shall notify the *Municipality* within 30 days of said accommodations, if believed to be unreasonable by the complainant or within 30 days of request by the complainant for reasonable accommodations if none have been made by the complainant's hauler. The Manager of the *Municipality* or the Municipality's duly authorized agent shall, within 15 days of said notice by the complainant, investigate the complaint, and if found to be valid, shall, within 30 days of said complaint, notify the complainant's hauler, in writing, by certified mail, return receipt requested, of the deficiency, with a photocopy of said notice to the complainant, and indicate the corrective action to be taken within 10 days of receipt of said notice. Failure of said hauler to comply with the directives of the notice shall constitute a violation of this Ordinance, and may subject the said hauler to penalties.
- E. Each hauler owning, leasing and/or otherwise placing or causing to be placed any container at any type of establishment for the purpose of placing municipal waste, other refuse material and/or recyclables therein for later collection, shall ensure that

any such container is emptied within 48 hours of the same becoming full to capacity, regardless of whether the fee for collection of the same has been paid. Nothing herein shall prevent the hauler from removing said hauler owned or leased container from the establishment for nonpayment of collection services so long as the container is emptied with regard to municipal waste, at a permitted landfill facility licensed by the Commonwealth of Pennsylvania and, with regard to recyclables, at a recycling center licensed by the *Municipality*.

2. Days and Hours of Collection.

A. Collection Days Established.

(1) Days of Collection. *The Municipality may, by resolution, establish specific days or hours for collection of waste or recyclable materials*

(2) No Collection Days Established. *A hauler shall not be permitted to collect, remove and/or transport municipal waste, other refuse material and/or recyclables from residential establishments and/or multi-family establishments with four or more units on Sundays, Thanksgiving Day, New Year's Day, Memorial Day, Independence Day, Labor Day and Christmas Day and at such other times as may be announced by the Municipality in situations considered to be an emergency by the Municipality. Any time and date of collection may, at any time, be changed by resolution of the Municipality Governing Body of the Municipality.*

B. Hours of Collection. *The collection of municipal waste, other refuse material and/or recyclables at residential establishments and/or multifamily dwellings having more than four units per structure, shall only occur between the hours of _____a.m. and _____p.m. on any single day of collection and shall not occur at any other time, unless otherwise provided herein or by the Municipality.*

C. Residential Municipal Waste Removed At Least Once Per Week. Each hauler pursuant to this Ordinance shall, for its own customers, collect and remove any municipal waste and/or refuse material placed for collection by occupants of residential establishments, at least once each week, except for the collection of recyclables at residential establishments, which shall be collected as set forth in the Recycling Ordinance Guidelines.

D. Commercial Removal. Each hauler shall collect municipal waste or other refuse material from commercial establishments at least once every week and shall collect

said municipal waste and/or other refuse material more often if necessary to control health hazards or to prevent the accumulation of municipal waste or other refuse material so as to create a nuisance, odor, unsightly appearance.

- E. Bulky Waste Removal. All haulers, upon oral and/or written notification by persons who own and/or occupy residential establishments shall, within 14 days of such notification, collect bulky waste and/or special recyclables from the residential establishments indicated in such notification.

3. Preparation for Collection.

- A. Waste Service Required. It shall be the duty of the owner of all residential establishments, rented or otherwise occupied by said owner and of all establishments containing multifamily rental housing property with four or more units and commercial, municipal and institutional establishments to contract the services of a hauler to collect any municipal waste, other refuse material (on at least a weekly basis) and/or recyclables (in accordance with any Guidelines promulgated pursuant to this Ordinance and any other applicable ordinance or regulation of the *Municipality*) resulting from the operation of any such establishment unless said establishment, by some other means, disposes of the same at a duly approved municipal waste facility or a duly approved recycling processing facility on a regular basis, retaining as proof thereof, at a minimum, monthly disposal receipts from such a facility.
- B. Preparation. All residential establishments, multifamily rental housing property with four or more units and commercial, municipal and institutional establishments shall prepare said materials as follows:
- (1) All municipal waste and/or material shall be drained of liquid insofar as practical and shall be placed in sanitary sealed bags, containers and/or cans made of nonabsorbent material.
 - (2) Containers used by residential establishments shall not exceed 30 gallons in size (unless the hauler utilizes semi-automated collection technology that allows use of larger carts. Cans shall be rust-resistant material and shall be furnished and kept clean by the occupant and shall be replaced by the occupant when no longer in satisfactory condition.

- (3) All municipal waste which cannot be disposed of in containers shall be assembled, boxed or bundled separately in such a way that it can be handled conveniently and will not be disseminated by wind or otherwise, while awaiting collection.
- (4) All refuse except bulky waste shall be of units and weight such as can be handled by one person and shall be placed in containers or piled and assembled in such a way as to facilitate collection.
- (5) All containers shall be kept on the resident's property until it is placed for collection as in subsection (1) of this Section.
- (6) Establishments containing multifamily rental housing property with four or more units and commercial, municipal and institutional establishments shall place all municipal waste emanating from said establishments in containers made from rust-resistant material of sufficient size and strength to fully accommodate all such municipal waste and of such design to prevent animals from gaining access to such waste. Said containers kept at such establishments shall be kept clean and be replaced when needed by the occupants, owners, landlords and/or agents of such persons.
- (7) Construction and/or demolition waste must be placed in a rigid container, roll off or solid waste vehicle and may not be stored on the ground, next to structures (as the same may be defined in the *Municipality* Zoning Ordinance) and/or public rights-of-ways. Trucks and containers must be emptied when full or at least once per week at a minimum. Only inert clean fill may be buried and then only if stabilized and revegetated.

§105. MISCELLANEOUS.

1. Insurance Coverage.

- A. All haulers shall carry an insurance policy providing comprehensive liability and property damage insurance, the limits of said insurance policy shall be not less than \$300,000 for personal liability and \$300,000 for property damage and may be required to furnish proper certificate of insurance to the *Municipality*.
- B. All haulers shall carry an insurance policy providing for Workmen's Compensation insurance, as required by the Commonwealth of Pennsylvania, and may be required

- to furnish proper certificate of insurance coverage for Worker's Compensation to the *Municipality*.
2. Accumulation of Garbage Prohibited. It shall be unlawful to place or permit to remain any municipal waste or refuse material or other material subject to decay, including recyclables, except yard waste that is composted in an acceptable manner, anywhere in the *Municipality*, except in a tightly covered metal or plastic container.
 3. Independent Contractor Status. All haulers shall not in any manner be construed as an agent, servant or employee of the *Municipality*, but shall at all times be considered and remain an independent contractor. Furthermore, any and all personal and/or real property owned, leased or controlled by any hauler shall at all times be considered and remain as the sole personal and/or real property of said person.
 4. Enforcement. The *Municipality* is hereby authorized to promulgate rules and regulations or guidelines and to issue forms as necessary to implement this Ordinance. In order to ensure compliance with all applicable *Municipality* ordinances, the *Municipality*, its agents (including, but not limited to, Perry County and the Perry County Conservation District) and/or the *Municipality's* employees, may conduct inspections of any and all municipal waste, other refuse material and/or recyclables placed at the point of collection for pickup. *Perry County, the Perry County Conservation District, The Municipality Code Enforcement Department and the Municipality Police Department* are hereby authorized to enforce the provisions of this Ordinance, and any and all Solid Waste and/or Recycling Ordinances, all as may be amended from time to time, enacted by the *Municipality*.
 5. Penalty/Offense. Any person who operates, causes or permits to be operated a motor vehicle or truck in violation of this Ordinance or who causes or permits the accumulation of municipal waste, other refuse material or recyclables in violation of this Ordinance or any person who violates any other provision of this Ordinance shall be, upon conviction thereof, sentenced to pay a fine of not less than \$100 nor more than \$1,000 plus costs and, in default of payment of said fine and costs, to a term of imprisonment not to exceed 30 days. Each day that a violation continues shall constitute a separate offense.

6. Repealer. Any ordinances or parts thereof inconsistent with this Ordinance are hereby repealed.
7. Severability. If any sentence, clause, section or part of this Ordinance is for any reason found to be unconstitutional, illegal or invalid, such unconstitutionality, illegality or invalidity shall not affect or impair any of the remaining provisions, sentences, clauses, sections or parts of this Ordinance. It is hereby declared as the intent of the Council of the *Municipality* that this Ordinance would have been adopted had such unconstitutional, illegal or invalid sentence, clause, section or part thereof not been included herein.
8. Effective Date. With the exception of Section 104 above, this Ordinance shall become effective on the earliest date provided by law. Section 104 above, shall become effective within thirty (30) days of adoption of this Ordinance.

ORDAINED AND ENACTED as an Ordinance of the *Governing Body* of the *Municipality* on this _____ day of _____, 201____.

ATTEST:

APPROVE:

Municipality Clerk or Secretary

Mayor or
Chair of the Board of Supervisors

Model Recycling Ordinance Guidelines

This solid waste management plan recommends passage of similar guidelines or rules and regulations intended to address issues that, by their nature change from time to time. These guidelines, then, can be amended through the municipal resolution process without changing the ordinances themselves.

Mandated and Voluntary Recycling

The Perry County Solid Waste Management Plan recommends that suburban communities, as well as rural municipalities, consider passage of a voluntary curbside collection program that requires the haulers to recycle if residents or non-residential establishments choose to recycle.

Your Options

These guidelines, as they are written, provide regulatory guidance for a municipality that is mandating curbside and commercial recycling and yard waste collection. If a municipality is establishing a program with voluntary curbside and/or commercial collection, the guidelines will be altered slightly to reflect that.

- Change this section to describe recycling preparation for those that choose to recycle, rather than requiring everyone to recycle as the case may be in a mandatory community. **(Section 1.0)**
- Preparation of recyclables is still important and the guidelines should provide direction to those that wish to recycle.
- The rules for haulers and recyclers will not change in a voluntary municipality. They will still be required to recycle all the materials separated for recycling by residents, businesses or institutions. **(Section 3.0)**
- Voluntary municipalities will not need requirements for multifamily and non-residential entities to provide education and receptacles, so this section may be changed or eliminated to reflect this. **(Section 3.0)**

- Similarly, voluntary municipalities will not necessarily need requirements for integrated waste management and this may be omitted. **(Section 4.0.3.)**
- Guidelines or Rules and Regulations that may be changed from time to time by resolution, allowing the municipality the flexibility to update details related to recycling or waste management. This needs to be specifically noted in the ordinance.

The language provided in these model guidelines describes the ideal provisions for recycling and waste management practices, but a municipality may decide that some slight variation is preferable for their particular situation.

Sections or words that should be modified for *municipality* are shown in *colored italics*.

RESOLUTION NO. _____

ESTABLISHING RECYCLING GUIDELINES FOR

WHEREAS, the *Municipality* adopted certain Recycling Guidelines pursuant to _____ of the *Municipality* Code of Ordinances; and

WHEREAS, numerous amendments have been made to said Recycling Guidelines since the time of their adoption; and

WHEREAS, for purposes of clarity the *Municipality* desires to restate said Recycling Guidelines as amended into one document; and

WHEREAS, the *Municipality* also desires to establish said Recycling Guidelines, as restated, to update them with regard to certain changes in state law and Municipality ordinances, all as hereinafter set forth.

NOW THEREFORE, be it resolved and the same is hereby resolved, by the *Governing Body of the Municipality* that the Recycling Guidelines attached hereto as Exhibit "A", which Exhibit "A" are hereby adopted in its entirety the *Municipality* Resolution _____ thereto.

DULY adopted by the *Governing Body* of the *Municipality* this _____ day of _____, 201_.

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Municipality Recycling Guidelines

1.0 Intent. The following represent guidelines, adopted pursuant to the Collection and Recycling of Waste Ordinance (hereinafter "Part 2A") of the *Municipality* and shall regulate the manner in which said Ordinance is to be effectuated. Any and all words and phrases used in these guidelines shall have the same meaning ascribed to them in the Ordinance if so defined in said Ordinance. All other terms shall have the meaning ascribed to them under the Municipal Waste Planning, Recycling and Waste Reduction Act, and if not so defined in said Act, the meaning ascribed to them in every day usage.

2.0 Responsibilities of Persons, Organizations, Businesses and Institutions Required to Recycle.

1. Persons owning, occupying and/or responsible for any residential or multifamily establishment, business, institution, public place or community event shall perform the following duties:
 - A. Separate from municipal waste (trash) the following materials for recycling:
 - (1) Aluminum cans and foil pans. Other scrap aluminum is excluded from curbside recycling collection.
 - (2) Clear and colored (brown and green) glass bottles and jars. Excluded is plate glass, window glass, drinking glasses, mirror glass, automotive glass, blue glass, leaded glass, pyrex, porcelain and ceramic products, light bulbs, caps and lids.
 - (3) Bimetallic, steel cans, metal paint cans and empty aerosol cans. Other scrap metal is excluded from curbside recycling collection.
 - (4) Newspaper (including inserts), telephone books, magazines, catalogs, bulk mail, envelopes, letters, office paper and similar printed marketable paper. Whenever such paper, with the exception of newspaper and telephone books, is placed for recycling together, the same shall hereinafter be referred to as

"mixed". Excluded are paper towels or tissues and laminated or other plastic coated paper.

- (5) Plastic bottles and jugs. Excluded are wide mouth containers, tubs, cups, trays, pots and other non-bottle plastics.
- (6) Leaf waste.
- (7) Corrugated cardboard and paperboard or pressboard.
- (8) Televisions, computers and computer peripherals as described in the Covered Device Recycling Act (PA Act 108 of 2010).
- (9) Household hazardous waste material (HHW).
- (10) Metal appliances, including those that contain Chlorofluorocarbon refrigerants including but not limited to refrigerators, freezers, air conditioners and dehumidifiers

B. Prepare recyclables for collection as follows:

- (1) Thoroughly rinse all bottles and containers, and remove all caps and lids. Place all bottles and containers, including the empty oil bottles and containers, in a designated recycling container.
- (2) Bundle all newspaper (including inserts), magazines, catalogs and telephone books with twine and/or place the same in kraft bags (brown paper grocery bags), or recycling container designated for paper collection.
- (3) Separate magazines, catalogs and other mixed paper (except newspaper and telephone books as described in Section 2.0.1.B.2) and place the same in a paper bag or covered recycling container designated for paper collection.
- (4) Leaves shall be separated from general refuse for disposal by one and/or all of the following methods: placed in a paper leaf bags for collection by *Municipality* collection crews or designated haulers; ensuring, however, that said leaves are not placed on any such public street and said leaves do not cause a sight distance problem for vehicular traffic; or residents may transport the bagged leaf

waste to disposal areas designated by the *Municipality*. Date of collection in neighborhoods will be announced through schedules published in a locally circulated newspaper or *Municipality* or Perry County Conservation District Web Site.

- (5) Corrugated cardboard and paperboard shall be separated and bundled, placed in an appropriate waterproof container or contained within another cardboard box.
 - (6) Electronics, HHW and metal appliances shall be prepared for collection so as to assure that hazardous or regulated constituents are not released into the air, onto the ground or into the waterways of the Commonwealth.
 - (a) Cathode ray tube devices shall not be broken and shall be kept out of the weather until the day of special bulky collection.
 - (b) Chlorofluorocarbon refrigerant materials shall not be removed except by a licensed remover in accordance with Section 608 of the United States Clean Air Act of 1990
2. Residential dwelling occupants shall place recyclables for collection at the location designated by agreement between the resident and the resident's contracted hauler. The recyclables shall be collected not less than once every other week in accordance with Section 3.0.2.A of this subpart.
3. Owners, managers and/or occupants (including, but not limited to, lessees and sub lessees) of businesses, institutions, multi-family rental housing property with four (4) or more units or managers and/or organizers of community events or public areas shall facilitate the separation or separate from municipal waste (trash) for recycling materials in accordance with Section 2.0.1.A, Section 2.0.1.B and the following requirements:
 - A. Provide containers/receptacles, as specified in Section 4.0 of these Guidelines, in which occupants of said businesses, institutions, events, public space or rental units shall be able to place prepared recyclables. Said containers/receptacles shall be placed in a location convenient and

agreed upon by both the owner/occupants and the hauler servicing said business, institution, event, or rental property.

- (1) All floors of multi-story buildings shall have recycling receptacles or provisions for staff or residents' use.
- (2) Recycling shall not be able to accumulate to a point or in a manner that constitutes a threat to public health or safety or becomes a deterrent to recycling. This shall include but not be limited to overflowing containers.
- (3) All businesses, institutions, community events, public areas and multi-family buildings shall be required to meet the following receptacle standards.
 - (a) Separate receptacles for commingled containers and recyclable paper unless the contracted hauler provides single-stream recycling service.
 - (b) Clearly marked as recycling containers
 - (c) Different in appearance or color to waste containers
 - (d) Placed next to waste receptacles
 - (e) Covered with lids or covers with specialized openings making it clear that the container is for recycling
- (4) Recycling receptacles and arrangements in the following establishments shall meet these minimal requirements:
 - (a) Multi-family buildings shall be equipped with receptacles with a total minimum holding capacity of 25 gallons per unit based on weekly collection.
 - (b) Commercial/institutional buildings and community events shall be equipped with receptacles at every workstation and eating area or next to every waste receptacle.
 - (c) The recycling containers/receptacles serviced by a hauler at regular intervals which shall not be less than once every other week or more frequently as needed, all in accordance with

Section 3.0.2.B of this subpart to prevent recyclables from overflowing and causing an unsightly nuisance.

- (d) Ensure that the recyclables are not contaminated with refuse and/or garbage.
 - (5) The *Municipality* or its authorized agents may establish more detailed standards and procedures for said preparation to assure optimal compliance. Said detailed standards shall be presented to the owner or manager in writing or electronically and shall require that the provisions be in place within a designated time period.
- B. An owner, manager, authorized representative of a multifamily housing property, or hauler shall provide written instructions explaining the specific recycling arrangements and requirements within the multifamily building to all occupants:
- (1) Upon move in
 - (2) Within a month of being notified by the *Municipality*, its authorized agent, or hauler of changes to the guidelines
 - (3) Otherwise at least twice per year
4. Persons owning, operating and/or occupying commercial, municipal and/or institutional establishments within the *Municipality* shall be exempt from the duties of Section 2.0 of these guidelines, if said persons have otherwise provided for the recycling of materials they are required by these Guidelines to recycle. To be eligible for an exemption under these Guidelines, a commercial or institutional solid waste generator must annually provide written documentation, on forms provided by the *Municipality*, to the *Municipality* on February 15 of each year regarding the total number of tons recycled pursuant to said exemption.
5. The requirement to separate said recyclable materials from each other as described in Section 3.0.B.2 (such as commingled bottles and cans being separated from mixed recyclable paper) may be waived only if the recycling facility processing and marketing these materials document their contamination

rate is less than five percent. Approved facilities shall permit the *Municipality* or its authorized agents to inspect and evaluate their operations to confirm that the contamination rate is less than five percent by weight. These inspections may include review of sales records, recyclable material audits, material analysis and/or contamination evaluation.

3.0 Responsibilities of Haulers

1. General Hauler Responsibilities.

- A. [Reserved]
- B. Except as otherwise provided in these Guidelines, any person desiring to collect municipal waste within the *Municipality* shall also collect recyclables in the manner as herein set forth.
- C. Any person desiring to collect municipal waste but not desiring to collect recyclables within the *Municipality* shall present an executed contract, satisfactory to the *Municipality*, evidencing an agreement between said person and a hauler setting forth at a minimum, the following:
 - (1) The names of the parties.
 - (2) The term of the agreement (which said term shall not be less than 1 year).
 - (3) A provision requiring the hauler who will be collecting the recyclables to collect recyclables from all customers of the person desiring not to collect said recyclables.
 - (4) A provision requiring the collection of the recyclables from residential establishments as per these Guidelines and at least once every other week or more frequently for the servicing of commercial, municipal and institutional establishments.
 - (5) A provision requiring the hauler of recyclables to abide by the recycling ordinances and the guidelines promulgated there under.
 - (6) [Reserved]
- D. [Reserved].

2. Time of Collection of Recyclables.

- A. Recyclables shall be collected from residential establishments on _____ (day of week) and beginning on _____, 201__ and every week thereafter.
- B. Recyclables shall be collected from multi-family rental housing property with four (4) or more units, commercial, municipal and institutional establishments and from community activities at a frequency mutually agreed upon between the establishment and/or sponsor and the hauler but in all events shall not be less than once every other week, and at such intervals which prevents recyclables from overflowing and causing an unsightly nuisance.

3. Manner of Collection and Delivery of Recyclables.

- A. Manner of Collection.
- (1) If recyclables are collected in the same vehicle as, and simultaneously with municipal waste (trash), the recyclables shall be kept completely separate by a solid barrier, approved by the *Municipality*, of sufficient strength, size and composition to ensure that the recyclables are not contaminated whatsoever.
 - (2) If recyclables are collected in the same vehicle used for collection of municipal waste (trash), but not collected simultaneously therewith, the said vehicle shall be thoroughly cleansed of all such waste, in accordance with Federal State and local law, prior to collection of recyclables to prevent any contamination whatsoever.
 - (3) Haulers shall ensure that all recyclable paper, (including newspaper, inserts, magazines, catalogs, mixed paper and telephone books), collected by said hauler, shall be kept separate from not only municipal waste (trash), but also from other recyclables, in and/or on all collection vehicles.

- (4) Recyclables collected by a hauler from residential establishments and multi-family rental housing property with four (4) or more units and recyclables collected from commercial, municipal and/or institutional establishments shall be separated and prepared by the hauler in accordance with _____ (applicable section of Ordinance) Section 3.0.3.B, hereof.
 - (5) The *Municipality* or its authorized agents may establish more detailed standards and procedures for said collection to assure optimal compliance and for the health safety and welfare of the workers and general public. This may include inspection of collection vehicles and approval of recycling provisions for recycling vehicles. If found deficient, said detailed standards shall be presented to the owner or manager in writing or electronically and shall require that the provisions be in place within a designated time period. Failure to meet the vehicle standards established by the *Municipality* or it authorized agent shall constitute illegal collection of recyclable material.
- B. Delivery of Recyclables.
- (1) Recyclables shall be collected and separated and be delivered pursuant to Section 3.0.3.A hereof, by all haulers to the approved recycling centers responsible for the processing and marketing of such materials, which said center shall be designated by the *Municipality* from time to time pursuant to the _____ (applicable section of Ordinance), unless the hauler can demonstrate, to the satisfaction of the *Municipality*, that all recyclables are being fully recovered through other means.
 - (2) All haulers shall deliver all recyclables to approved recycling processing centers in accordance with the following specification:

- (a) Corrugated Paper. Must be clean, dry, non-waxed corrugated paper ("cardboard") and paperboard boxes and packages.
- (b) Glass. All glass must be separated by color (clear, green and brown) unless the material is being taken to an approved single-stream or dual stream commingled facility. Only container glass will be accepted. Caps and lids must be removed. Glass should not be crushed. No ceramics, china, drinking glasses, plate glass, light bulbs or Pyrexware shall be included.
- (c) Office Paper. Both blank and printed white ledger, and colored paper (as long as it is not brightly colored), envelopes, magazine, catalog and computer printout paper may be mixed together. No brightly colored paper, paper clips, laminated paper or other plastic or plastic coated papers shall be included. All paper must be clean and dry and free of excessive contamination.
- (d) Metal Cans. Steel, aluminum and bimetal food and beverage cans may be mixed together. Empty steel paint cans shall also be accepted. All empty aerosol cans shall be accepted. All material should be free of food residue and liquid paint.
- (e) Plastic Bottles. Only plastic bottles shall be delivered. Containers must be free of residue. No wide-mouth tub containers (margarine, yogurt, etc.) shall be delivered to any center for processing.
- (f) Newspaper and telephone books - Must be free of wet or excessively soiled paper or broken glass. Newspaper and telephone books shall be separated and placed for collection in separate paper bags or recycling bins.
- (g) Televisions, computers and computer peripherals as described in the Covered Device Recycling Act (PA Act 108 of 2010) shall

be delivered to the approved Perry County facilities. Televisions and monitors shall be delivered unbroken so as to minimize release of toxic constituents.

(h) Household hazardous waste material.

(i) Metal appliances, including those that contain Chlorofluorocarbon refrigerants including but not limited to refrigerators, freezers, air conditioners and dehumidifiers shall be delivered to facilities designated by the Perry County Solid Waste Management Plan or *Municipality* or those that provide for the recovery of the Chlorofluorocarbon refrigerants.

- C. If any and/or all recyclables are being fully recovered by other means, it shall be the responsibility of the hauler to report the amount of each recyclable so recovered to the *Municipality*, quarterly, by the 10th calendar day following the end of each quarter ending on March 30, June 30, September 30 and December 31 of each year.
- D. In the event that any hauler has a contract or agreement to deliver some, but less than all, recyclables to a non-designated site for recovery, then the procedures set forth in the _____ (applicable section of Ordinance), shall be followed.
- E. Haulers must deliver each load of recyclables collected in the *Municipality* to one (1) permitted processing center as the same is delineated in the _____ (applicable section of Ordinance), unless otherwise provided in said ordinance this Part 2A.
- F. Haulers must report, to the recycling processing center at which said recyclables are delivered, the quantity and/or volume of each load of recyclables collected in the *Municipality* and delivered to the said recycling processing center.
- G. Continuing with the prior requirements as established in _____ (year), and for each year hereafter, haulers shall submit to the *Municipality*, a current list of the addresses of the applicant's customers who are located

and/or reside in the *Municipality* from which municipal waste and/or recyclables are collected.

- H. Haulers may receive recycling containers from the *Municipality* and distribute the same to each of the residential establishments and each unit of a multi-family rental housing property with less than four (4) units as noted on said person's customer list submitted pursuant to subsection (G) above. Distribution of the said containers shall be accomplished within fourteen (14) days of receipt of said containers from the *Municipality*.

4. Hauler Requirements.

- A. [Reserved]
- B. All haulers, during the month of December of each and every year, shall distribute to every owner and/or occupier of any residential establishment and/or multifamily rental housing property with more than four units, a written customer specification or service summary that lists, with regard to said hauler:
 - (1) Day of municipal waste collection.
 - (2) Day and week of recyclable collection.
 - (3) Arrangements for special collection of bulky waste, electronics, HHW, corrugated cardboard and/or construction and/or demolition waste.
 - (4) Rates and billing arrangements for all services offered to the specific individual who is receiving said customer specification and/or service summary.
- C. All haulers shall offer a low volume generator rate in addition to standard subscription rates for owners and/or occupiers of residential establishments. All levels of service will include unlimited collection of recyclables generated at residential establishments and/or each unit of a multifamily rental housing property with more than four (4) units at least once every other week and weekly collection of municipal waste as detailed in the hauler's customer specifications and/or service summary.

- D. Facilities for storage, maintenance and parking of any motor vehicles and/or trucks, equipment or any and all materials collected and/or owned by a hauler shall comply with all applicable zoning ordinance requirements and any other applicable local, State and Federal laws, rules and/or regulations.
- E. At least one (1) individual employed by a hauler to collect municipal waste and/or recyclables must participate in training sessions and/or meetings specified and/or sponsored by the Perry County Conservation District, the time of which shall not exceed six (6) hours in length per year. Written notice of said training sessions and/or meetings shall be given to the hauler by the entity specifying and/or sponsoring the same.
- F. All haulers shall complete and submit all forms and surveys required by the *Municipality* and/or the Perry County Conservation District by deadlines established and noted on the form or survey.
- G. All haulers shall have office staff and/or telephone answering service available for accepting calls and/or complaints expressed in person or by telephonic means from any residential, commercial, municipal and/or institutional establishment for which the hauler is providing hauling services from 8:30 a.m. until 4:00 p.m., Monday through Friday, except for holidays on which residential collection is prohibited.

4.0 Miscellaneous.

1. Designated Recycling Containers.

- A. All recycling containers shall be approved by the *Municipality* and residential containers shall be available in the business office of the Perry County Conservation District, which said office shall supply the said container at the price for which the *Municipality* paid for the same.
- B. Recycling containers/receptacles for storing recyclables at multi-family rental housing property with four (4) or more units, commercial,

municipal or institutional establishments and for community activities shall be of an appropriate size to accommodate a quantity of material which will be accumulated over a predetermined, mutually agreed upon time period, and shall be provided by either the owner/sponsor of the establishment/activity or the hauler. The recycling container/receptacle must be clearly marked as a recycling container/receptacle.

2. Accommodations for the Disabled.

- A. When the provisions of this Part require that recyclables be placed for collection at a location designated by agreement between the resident and the hauler and the hauler has been notified by the resident that said resident has a disability pursuant to the definition of the same under the Americans with Disabilities Act of 1990, which said disability prevents the resident from placing recyclables at the curbside for collection, then the hauler shall make reasonable accommodations with the said resident to collect the resident's recyclables at a place more accommodating to said resident.
- B. If a person who is disabled pursuant to the immediately preceding subsection, requests said person's hauler to make reasonable accommodations as to a more accommodating place for placement and collection of municipal waste, refuse and/or recyclables and said hauler refuses and/or the person believes the accommodations made are not reasonable, said person or said person's agent (hereinafter "complainant") shall notify the Manager of the *Municipality* within 30 days of said accommodations, if believed to be unreasonable by the complainant, or within 30 days of a request by the complainant for reasonable accommodations if none have been made by the complainant's hauler. The Manager of the *Municipality* or the Manager's duly authorized agent shall, within 15 days of said notice by the complainant, investigate the complaint and if found to be valid shall, within 30 days of said complaint, notify the complainant's hauler, in writing, by certified mail, return receipt

requested, of the deficiency, with a photocopy of said notice to the complainant and indicate the corrective action to be taken within 10 days of receipt of said notice. Failure of said hauler to comply with the directives of the notice shall constitute a violation of this Part and may subject the said hauler to penalties.

3. Integrated Waste Management Required

- A. Waste and recycling services shall be offered as an integrated and comprehensive service. Haulers must offer waste and recycling services as a bundled package that includes collection services for Municipal Solid Waste and all recyclables (except yard waste) as required by these Guidelines.
- B. As part of this integrated system, the hauler is additionally responsible for provision of dumpsters, carts, bins or other containers in which waste or recyclables shall be deposited for collection in all commercial, institutional, industrial and multi-family establishments. Said containers shall:
 - (1) Be clearly labeled as recycling or waste containers;
 - (2) Have operable and secure lids; and
 - (3) Be water-tight so as to prevent the leakage of liquids or allow easy access for rodents or other vectors.
- C. An exemption to the requirements contained in this Section 4.0.A shall be requested in writing or electronically via e-mail or web-based communication to the *Municipality* or its authorized agent. An exemption shall be granted only if all recycling requirements described in these guidelines are met, as determined in the sole and absolute discretion of the *Municipality*.
- D. Nothing in this part shall preclude the *Municipality* or its authorized agent from providing recycling services on behalf of the contracted hauler.

4. Variances.

A. Suspension of Processing Recyclables. Perry County shall be authorized to suspend the processing of certain recyclables for reasons deemed appropriate by the said recycling coordinator including, but not limited to, market conditions and every said suspension shall be based upon reliable and documented data showing the necessity of the same. Said recycling coordinator shall endeavor to notify, in writing, all recycling processing centers of the recyclables subject to the suspension and/or of the termination of any such suspension of processing. All suspensions of recyclables shall be terminated upon notification of the recycling coordinator to the *Municipality*. In no event shall the number of designated recyclables to be collected fall below the minimum number of recyclables required to be collected as set forth in Act 101, as amended.

B. Perry County Approval. Perry County is hereby authorized to permit, approve, ratify and/or deny any request for suspension of the processing of recyclables. Perry County shall review all suspensions of recyclables at every regular meeting to determine whether to terminate the said suspension and thereby reinstate the processing of the recyclables which had been subject of the suspension. Nothing herein contained in this Section shall permit the haulers to reject any recyclables placed for collection which include the suspended recyclable items and said hauler shall continue to collect all recyclables so designated by these Guidelines.

5. Enforcement. Perry County, the Perry County Conservation District, *Municipality* Code Enforcement Department and the *Municipality* Police Department are hereby authorized to enforce the provisions of these Recycling Guidelines, and any and all Solid Waste and/or Recycling Ordinances, all as may be amended from time to time, enacted by the *Municipality* of _____.

**Hampden Township Ordinance
(Single Contracted Collector)**

CHAPTER 20
SOLID WASTE

PART 1

SOLID WASTE DISPOSAL AND RECYCLING

- §101. Short Title
- §102. Purpose
- §103. Definitions
- §104. Insurance Coverage Requirements
- §105. Required Use of Collector Services
- §106. Fees
- §107. Preparation of Domestic Solid Waste for Collection
- §108. Collection Practices
- §109. Dumping
- §110 Requirements for Multi-Family Rental Dwellings
- §111 Requirements for Commercial, Industrial and Institutional Establishments
- §112 Requirements for Condominium Building
- §113. Manager's Authority and Duties; Rules and Appeals
- §114. Penalty

PART 1

SOLID WASTE DISPOSAL AND RECYCLING

§101. SHORT TITLE.

This Part shall be known as the "Hampden Township Domestic Solid Waste and Recycling Ordinance."

(Ord. 98-10, 10/1/1998, §1)

§102. PURPOSE.

The purpose of this Part is to protect the health, safety and welfare of the residents of the Township of Hampden by regulating the collection, storage, transportation, removal, recycling, dumping, depositing and disposal of solid waste materials by:

- A. Instituting a comprehensive domestic solid waste management program.

B. Establishing a mandatory solid waste recycling program in accordance with the Pennsylvania Municipal Waste Planning, Recycling and Waste Reduction Act.

(Ord. 98-10, 10/1/1998, §2)

§103. DEFINITIONS.

The following words, terms and phrases, when used in this Part, shall have the meaning as set forth in the Section, unless where the context in which such word, term or phrase is used clearly indicates otherwise:

COLLECTOR - the individual, partnership, firm, corporation or other business entity designated by the Township by means of an independent contract as the entity having the exclusive right and privilege to collect, haul, transport, remove and dispose of domestic solid waste from dwellings located within the Township of Hampden.

COMMERCIAL ESTABLISHMENT - Any establishment engaged in a non-manufacturing or non-processing business, including but not limited to stores, markets, office buildings, restaurants, shopping centers, theatres, and trucking terminals.

DOMESTIC SOLID WASTE - garbage, ashes, refuse, rubbish, trash and other non-sewage or non-wastewater waste materials normally generated in domestic family living, but shall exclude hazardous waste and yard waste. [Ord. 03-07]

DWELLING - a building or structure containing dwelling units, but shall not include residential hotels, hotels, motels, tourist cabins, assisted living facilities, mobile homes in an established mobile home park, or an apartment or condominium building containing more than six dwelling units. [Ord. 03-07]

DWELLING UNIT - one or more rooms in a dwelling which room or rooms has fixed cooking facilities and arranged for occupancy by one person, two or more persons living together, or one family.

GLASS - plain, clear, uncolored or colored glass bottles and jars. Expressly excluded from this definition of glass are blue glass, lead crystal, porcelain, ceramic products, tempered or plate glass, cooking ware, mirror glass, light bulbs, window glass, china, cups or bowls.

HAZARDOUS WASTE - those waste materials as designated and classified from time to time under the Pennsylvania Solid Waste Management Act (Enacted July 7, 1980, EL. 380, No. 97, 35 P.S. §6018.101).

INDUSTRIAL ESTABLISHMENT - Any establishment engaging in manufacturing or processing, including but not limited to factories, foundries, mills, processing plants, and refineries.

INSTITUTIONAL ESTABLISHMENT - Any establishment engaged in services to persons, including but not limited to hospitals, nursing homes, assisted living centers, orphanages, schools, and universities.

LEAF WASTE - leaves, garden residues, shrubbery and tree trimmings and similar material, but not including grass clippings.

MANAGER - the Township Manager as duly appointed by the Township Commissioners.

METAL CANS - clean, non-aerosol and empty metal (aluminum, steel or bimetallic) beverage and food containers.

MULTI-FAMILY RENTAL DWELLING - Any structure or group of structures (operated as a rental complex) containing seven (7) or more rented or leased dwelling units and mobile home parks.

NEWSPAPER - paper of the type commonly referred to as newsprint, excluding magazine paper and slick newspaper inserts.

OWNER - the actual owner of a dwelling as indicated in the land records of the County of Cumberland at the Cumberland County Court House.

PERSON - any natural person, partnership, firm, association, company, organization, corporation or any other entity.

PLASTIC BOTTLES - clean and empty consumer product containers made of polyethylene terephthalate (PET), polypropylene (PP), high density polyethylene (HDPE) and low density polyethylene (LDPE) most commonly, but not limited to, plastic bottles used as containers for soda, milk and other consumer food products, or for household cleaning products or for personal care products.

RECYCLABLES or RECYCLABLE MATERIALS - those materials specified by official resolution of the Commissioners now and hereafter enacted for separation, collection, processing, recovery or reuse as part of the recycling program, now including metal cans, newspaper, glass, aerosol cans and plastic bottles as defined herein.

RECYCLING - the program or system of separation, collection, processing, recovery or reuse of recyclables.

REDUCED RATE CUSTOMER - a customer who qualifies and participates in the current Pennsylvania property tax or rent rebate program.

SWACC - Solid Waste Authority of Cumberland County. [Ord. 03-07]

TOWNSHIP - the Township of Hampden, a municipal entity.

TOWNSHIP COMMISSIONERS - the duly elected Commissioners acting on behalf of the Township as the Board of Township Commissioners.

YARD WASTE - shrubbery clippings, branches cut into maximum six-foot lengths that are no larger than five inches in diameter. Grass and leaves are excluded. [Ord. 03-07]

(Ord. 98-10, 10/1/1998, §3; as amended by Ord. 99-02, 04/29/1999, §1; by Ord. 01-08, 11/01/2001, §1); and by Ord. 03-07, 11/03/2003, §1.

§104. INSURANCE COVERAGE REQUIREMENTS.

1. Workers' compensation including occupational disease and employer's liability insurance.

A. Statutory. Amounts and coverage as required by workers' compensation laws of the Commonwealth of Pennsylvania.

B. Employer's Liability. At least \$500,000, each accident.

2. Public liability, including coverage for direct operating, sublet work, elevator, contractual liability and completed operations, with limits not less than those stated below:

A. Bodily injury and property damage liability including personal injuries, \$1,000,000 each occurrence, \$2,000,000 annual aggregate (written on a nonparticipating basis, with no participation by the insured.)

B. Personal injury coverage shall be written on a nonparticipating basis.

C. Completed Operations Liability. Continue coverage in force for 2 years after completion of work.

3. Comprehensive automobile liability insurance including coverage for owned, non-owned and hired vehicles with limits not less than those stated below:

A. Bodily Injury Liability. \$1,000,000 each person, \$2,000,000 each occurrence.

B. Property Damage Liability. \$1,000,000 each accident, \$2,000,000 each occurrence. [Ord. 03-07]

4. Owner's Contingent Liability (owner's protective):

A. Personal Injury. \$1,100,000 each person, \$1,300,000 each occurrence.

B. Property Damage. \$1,000,000 each occurrence, \$2,000,000 each aggregate. [Ord. 03-07]

5. Excess or umbrella policy in the amount of \$5,000,000.

6. Policies and insurers shall be subject to approval of the Township Commissioners.

(Ord. 98-10, 10/1/1998, §4; as amended by Ord. 03-07, 11/03/2003, §1, and by Ord. 06-13, 12/05/2006, §1.)

§105. REQUIRED USE OF COLLECTOR SERVICES.

1. All domestic solid waste generated in or at a dwelling shall be collected, hauled, transported, removed and disposed of by the Township through the collector, and the cost of such service shall be paid for as provided in §106(1) herein below.
2. It shall be unlawful for any owner or occupant of a dwelling unit of a dwelling to dispose of domestic solid waste except by the methods prescribed by this Part.

(Ord. 98-10, 10/1/1998, §5)

§106. FEES.

1. Dwellings. The fee for collection and disposal of refuse from Dwellings shall be at the rate of \$40.80 per dwelling unit per quarter to be paid quarterly in advance. A special fee for collection and disposal of refuse from Dwelling shall be made at the rate of \$28.75 per Dwelling Unit per quarter for Reduced Rate Customers. The Township may designate an agent, including any bank or trust company, to act on its behalf in the collection and accounting matters involved. In any case, quarterly invoices for trash service will be mailed to property owners. Fees shall be subject to a penalty of 10% per dwelling unit per quarter, if not paid by the 30th day after the billing date. All accounts shall be considered delinquent if not paid by the 30th day after the billing date and all delinquent accounts are subject to termination of service without notice. Upon termination, service will be resumed thereafter only on payment of the accumulated fees for the period of collection and the period of non-collection plus 10% penalty as aforesaid and interest at the rate of 6% per annum from the date of delinquency. The termination of service herein provided for shall be in addition to the right of the Township to proceed for the collection of such unpaid charges by action in assumpsit, by municipal lien, or in any other manner provided by law for the collection of a municipal claim. No abatement of fees for collection shall be allowed for the vacancy of a dwelling unit except: (1) where such vacancy has continued for a period of not less than 30 consecutive days; and (2) where the owner of such dwelling unit has given prior written notice to the Manager prior to each quarter for

which the owner seeks a fee abatement indicating that such dwelling unit has been vacated.

(Ord. 98-15, 11/01/1998, §1; amended by Ord. 03-07, 11/03/2003, §1; Ord. 05-19, 12/06/2005, §2; Ord. 06-13, 12/05/2006, §1; by Ord. 07-06, 03/29/2007, §1; and by Ord. 07-18, 12/04/2007, §1.)

2. Non-Dwellings. Fees for collection from other than dwellings and dwelling units shall be fixed by mutual agreement of the parties and shall be paid directly to the person making such collection.

3. Reduced Rate Customer. A reduced rate customer who has been approved under the Pennsylvania property tax or rent rebate program must verify this approval by providing a copy of the approval certificate to the Township. The most current certificate will be used for the reduced rate for the Township's current fiscal year.

(Ord. 98-10, 10/1/1998, §6)

4. The assessment and collection of attorney's fees incurred by the Township in the collection of delinquent trash or refuse accounts, whether alone or billed with sewer charges and fees, are hereby authorized and shall be in accordance with the fee schedule and all provisions of Chapter 18, Part 2, Section 209.6, which schedule and provisions are incorporated by reference herein in their entirety and made applicable to delinquent fees for the disposal and collection of trash and refuse.

(Ord. 05-09, 06/30/2005, §2)

§107. PREPARATION OF DOMESTIC SOLID WASTE FOR COLLECTION.

1. Preparation Requirements.

A. All Recyclable Materials shall be separated from all other Domestic Solid Waste.

B. All garbage shall be drained of liquid and wrapped in paper before being placed in the container.

C. Leaf Waste shall be separated from all other waste and shall be collected periodically by Township means.

D. Tree trimmings, hedge clippings and similar rubbish shall be cut in maximum 6-foot lengths that are no larger than 5 inches in diameter and shall be securely tied in bundles before being deposited for collection. [Ord. 03-07]

E. Newspapers, magazines and other printed matter not placed in containers shall be security tie din bundles not exceeding 40 pounds in weight. Newspapers shall be separated from all other paper and shall be tied in bundles or placed in a paper grocery bag. [Ord. 03-07]

(Ord. 01-08, 11/01/2001, §2; and as amended by Ord. 03-07, 11/03/2003, §1)

2. Containers.

A. All recyclable materials, except newspaper, shall be placed in special containers to be provided by the Township.

B. All domestic solid waste, when possible, shall be placed in containers or durable plastic bags.

C. Containers (other than recyclable containers) shall be of durable, watertight, rust-resistant materials having a close fitting lid with handles with a capacity of not more than forty (40) gallons and shall be of such size as can be handled easily by one person or durable and watertight plastic bags. The maximum weight of a filled container shall not exceed sixty (60) pounds and the maximum weight of a filled plastic bag shall be limited to such weight as will not cause the bag to break when lifted and carried to the Contractor's equipment. Garbage shall be thoroughly drained of all water and wrapped in paper. All rubbish containers or plastic bags shall be securely covered or tied, as the case may be.

D. Containers containing garbage shall be covered with a lid which fits securely and prevents access to rodents, flies and other insects. Plastic bags shall be secured or tied.

E. It shall be unlawful to permit the accumulation of or residue of liquids, solids or a combination of such material on the bottom or sides of containers, it being the intention of this provision that the interior of containers shall be kept clean by thorough rinsing and draining as often as necessary.

- F. All containers shall be kept in a sanitary condition and shall be kept in good condition. Any container that does not conform with this Part or that is likely to injure the collector or his employees, or hampers the prompt collection of refuse, shall be replaced upon notice. Failure to replace such defective container may result in the termination of service until such time as the container is replaced.

(Ord. 03-07, 11/03/2003, §1)

3. Accumulation of Domestic Solid Waste.

- A. No person shall place or cause to be placed any domestic solid waste upon any street, alley or other public place, or upon any private property, whether owned by such person or not, except it be in proper receptacles for collection, properly bundled as herein provided for collection, or under an express license issued by the Township.
- B. No person shall deposit domestic solid waste in any stream or any other body of water.
- C. No person shall maliciously spill or scatter the contents of any waste container or plastic bag or damage or destroy any such container or plastic bag.
- D. No person, except the occupant of the premises on which the waste container or plastic bag is placed, or an authorized collector, shall remove the lids of the container and/or remove the contents of such container or plastic bag.

4. Container Placement. Refuse containers and all materials from dwelling units shall be placed behind the curb and, where there is no curb, immediately next to but off the paved portion of the roadway. In case of dispute, the Township Manager or his designee shall decide the location to be used for placing of containers by the occupant of the dwelling unit. Special arrangements may be made with the contractor to remove ashes from the cellar or other places on the premises. Placement of containers for pickup on private roads shall be the result of special arrangements between the contractor and the resident.

5. Limitation on Time of Placement of Containers. No person shall place any container of domestic solid waste for collection pursuant to subsection (4), immediately above, earlier than 6:00 p.m. prevailing time on the day preceding the date of collection by the collector.

(Ord. 98-10, 10/1/1998, §7)

§108. COLLECTION PRACTICES.

1. Domestic solid waste shall be removed from dwellings one time per week pursuant to schedules to be published by collector, as approved by the Township. Collections shall be by curb service, that is, the collector shall collect the garbage and refuse in containers, plastic bags and bundles placed in accordance with the requirements of §107(4) herein above.
2. All collections shall be made between the hours of 6:30 a.m. and 7:00 p.m., prevailing time; provided, however, that this time limitation shall not prevent the collection of material on an emergency basis during other hours when necessitated by natural catastrophe or other conditions beyond the control of the contractor. The extension of the emergency hours shall at all times be subject to approval by the Township Manager.
3. All vehicles used in the collection and disposal of domestic solid waste shall be of metal, securely covered, watertight and strongly built, and all handling of garbage and refuse on the premises from which collected and in its transportation shall be done in such a way that no spilling, leaking or strewing shall occur either on such premises or on the streets and roads of the Township.
4. The collector shall be required to collect an unlimited number of containers, plastic bags and bundles of the authorized size and weight.
5. The collection practices of the collector and any other person removing domestic solid waste from the Township shall conform to all applicable rules and regulations of the Commonwealth, the Solid Waste Authority of Cumberland County, the Township and any contract or contracts between the parties.
6. Special Waste Problems.
 - A. Removal of wearing apparel, bedding or other waste materials from homes or other places where highly infectious or contagious diseases have prevailed shall be performed under the supervision and direction of the Health Officer of the Township or the Manager. Such material shall not be placed in containers, plastic bags or bundles for regular collections.

B. Highly inflammable or explosive materials shall not be placed in containers, plastic bags or bundles for regular collection, but shall be disposed of as directed by the Manager at the expense of the owner or possessor thereof.

(Ord. 98-10, 10/1/1998, §8, as amended by Ord. 06-13, 12/05/2006, §1.)

§109. DUMPING.

No person or company shall dump, bring, deposit or otherwise dispose of garbage, ashes, rubbish or refuse of any kind or nature within the jurisdictional limits of the Township.

(Ord. 98-10, 10/1/1998, §9, as amended by Ord. 06-13, 12/05/2006, §1.)

§110. REQUIREMENTS FOR MULTI-FAMILY RENTAL DWELLINGS.

The owner, landlord, or agent of an owner or landlord of a multi-family rental dwelling shall establish a collection system for required recyclable materials in accordance with the SWACC.

(Ord. 99-02, 04/29/1999, §1; and as amended by Ord. 03-07, 11/03/2003, §1)

§111. REQUIREMENTS FOR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL ESTABLISHMENTS.

Owners or agents of an owner of a commercial, industrial or institutional establishment shall establish a collection system for required recyclable materials through the use of SWACC licensed hauler/recycler. Required materials are high-grade office paper, corrugated paper, and aluminum.

All haulers/recyclers shall provide quarterly recycling reports on the specific form provided by the County.

(Ord. 99-02, 04/29/1999, §1; as amended by Ord. 03-07, 11/03/2003, §1, and Ord. 06-13, 12/05/2006, §1.)

§112. REQUIREMENTS FOR CONDOMINIUM BUILDING.

The condominium association of a condominium building shall establish a collection system for required recycle materials through the use of a SWACC licensed hauler/recycler.

(Ord. 99-02, 04/29/1999, §1; and as amended by Ord. 03-07, 11/03/2003, §1)

§113. MANAGER'S AUTHORITY AND DUTIES; RULES AND APPEALS.

1. The Manager shall be charged with the administration of the provisions of this Part.
He shall have authority to make rules and regulations relating to the administration of the provisions of the Part in addition to any other powers herein conferred upon him, provided that such rules and regulations are not contrary to the provisions hereof.
2. A person aggrieved by any rule or regulation promulgated by the Manager shall have the right of appeal to the Township Commissioners who may confirm, modify or revoke any such rule or regulation.

(Ord. 98-10, 10/1/1998, §9; as amended by Ord. 99-02, 04/29/1999, §1)

§114. PENALTY.

Any person who or which shall violate the provisions of this Part shall, upon conviction thereof in a summary proceeding before a District Justice, be sentenced to pay a fine not less than \$100 nor more than \$1,000 for the use of the Township of Hampden and ordered to pay the costs of prosecution, and in default of payment of such fine and costs, to undergo imprisonment for not more than 15 days in the Cumberland County Prison. Each day's violation of this Part shall constitute a separate offense.

(Ord. 98-10, 10/1/1998, §11; as amended by Ord. 99-02, 04/29/1999, §1)

**Upper Allen Township Ordinance
(Pay-As-You-Throw System)**

Chapter 210. SOLID WASTE

[HISTORY: Adopted by the Board of Commissioners of the Township of Upper Allen: Art. I, 2-4-1969 as Ord. No. 127; Art. II, 7-19-1990 as Ord. No. 433. Amendments noted where applicable.]

GENERAL REFERENCES

Health and sanitation — See Ch. **151**.

Junk and junkyards — See Ch. **160**.

Property maintenance — See Ch. **189**.

Article I. Dumping

[Adopted 2-4-1969 as Ord. No. 127]

§ 210-1. Prohibited disposal practices.

No person, association, firm or corporation shall keep or suffer to remain on his or her premises or on any private property any garbage, ashes, rubbish or other refuse or cast the same upon any lot or piece of ground within the township or upon the shores or margin of any stream or body of water or upon any street or sidewalk in the township, nor may any person, association, firm or corporation use or permit to be used any spot or place within the township as a public or private dump for garbage, ashes, rubbish or other refuse. *Editor's Note: Original Sections 2 and 3, which contained provisions regarding the licensing and operation of sanitary landfills within the township, were deleted at time of adoption of Code; see Ch. 1, General Provisions, Article I.*

§ 210-2. Violations and penalties.

Editor's Note: Amended at time of adoption of Code; see Chapter 1, General Provisions, Art. I.

- A. Any person who shall violate or fail to comply with any of the provisions of this Article shall, upon conviction thereof, be sentenced to pay a fine up to one thousand dollars (\$1,000.) and costs of prosecution and, in default of payment of such fine and costs, to imprisonment for not more

than thirty (30) days, provided that each day's continuance of a violation of this Article shall constitute a separate offense.

- B. In addition to the above penalties, the act in violation of this Article may be declared by the Commissioners of Upper Allen Township to be a nuisance and subject to abatement as such, and a violator shall be subject to all other remedies provided by law.

Article II. Solid Waste Disposal and Recycling

[Adopted 7-19-1990 as Ord. No. 433]

§ 210-3. Short title.

This Article shall be known as the "Upper Allen Township Municipal Solid Waste and Recycling Ordinance."

§ 210-4. Purpose.

The purpose of this Article is to provide for the health, safety and welfare of the residents of the Township of Upper Allen by regulating the collection, storage, transportation, removal, dumping, deposit, disposal and recycling of solid waste by instituting a comprehensive solid waste management program and establishing a mandatory recycling program pursuant to the requirements of Act 101 *Editor's Note: See 53 P.S. § 4000.101 et seq.* and amendments thereto.

§ 210-5. Definitions.

The following words and phrases when used in this Article shall have, unless the context clearly indicates otherwise, the meanings given to them in this section:

ALUMINUM CANS

Clean, non-aerosol and empty all-aluminum beverage and food containers.

AUTHORIZED COLLECTOR

A person, firm or corporation licensed or contracted by Upper Allen Township to handle municipal waste and recyclables in accordance with the provisions of this Article.

BIMETALLIC CONTAINERS

Clean, non-aerosol and empty beverage and food containers composed of steel and aluminum.

BULKY WASTE

Items of solid waste which due to their size, shape or weight cannot be collected as a part of the normal weekly municipal waste collection and, therefore, require special handling. For example, large household appliances such as stoves and refrigerators, plumbing fixtures, furniture, large crates, tires, tools, machinery or parts thereof and similar items in size shall be considered "bulky waste."

COMMERCIAL ESTABLISHMENTS

An entity and the property on which it operates engaged primarily in activities for commercial or industrial purposes, including but not limited to stores, markets, office buildings, restaurants and shopping centers.

CONSTRUCTION AND DEMOLITION WASTE

Lumber, roofing material, sheathing, rubble, broken concrete, macadam, plaster and brick, conduit, pipe, insulation and other materials which result from a construction, demolition or remodeling process.

CORRUGATED CARDBOARD

Paper boxes constructed in a corrugated manner and used as containers for business and consumer applications.

DWELLING UNIT

Any room or group of rooms located within a building and forming a single habitable unit with facilities which are used or intended to be used for living, sleeping, cooking and eating by one (1) family.

EXCLUSIVE CONTRACT

An agreement entered into by Upper Allen Township with a private person or corporation for the collection and disposal of all municipal waste and/or recyclables within the township to the extent provided by this Article and the agreement.

FERROUS CONTAINERS

Clean, non-aerosol and empty steel or tin-coated steel containers for food or beverages.

GLASS

Plain, uncolored or colored glass bottles and jars. Expressly excluded from this definition of "glass" are blue glass, lead crystal, porcelain, ceramic products and tempered or plate glass.

HIGH-GRADE OFFICE PAPER

All white paper, bond paper or computer paper used in commercial, industrial, institutional and municipal establishments and in residences.

INSTITUTIONAL ESTABLISHMENTS

Any establishment engaged in service to persons, including but not limited to nursing homes, retirement centers, orphanages, schools and colleges.

LEAF WASTE

Leaves, garden residues, shrubbery and tree trimmings, and similar materials, but not including grass clippings.

[Added 6-16-2005 by Ord. No. 597]

MULTIFAMILY ESTABLISHMENTS

Rental housing apartment buildings or apartment complexes which have ten (10) or more dwelling units and condominium associations and homeowners' associations of ten (10) or more dwelling units which are established and organized in such a manner that the association provides common services for the residents of the housing development. This definition shall also include apartment buildings and apartment complexes owned and operated by institutional establishments if the institutional establishment charges a rental fee for the dwelling units.

MUNICIPAL ESTABLISHMENTS

Any public facility operated by the township or other governmental or quasi-governmental authorities.

MUNICIPALITY

Upper Allen Township.

MUNICIPAL WASTE

Any garbage, refuse, industrial lunchroom or office waste and any other material, including solid waste, liquid, semisolid or contained gaseous materials, resulting from the operation of residential, municipal, commercial or institutional establishments and from community activities and any sludge

not meeting the definition of residual or hazardous waste in the Solid Waste Management Act *Editor's Note: See 35 P.S. § 6018.101 et seq.* from a municipal, commercial or institutional water supply treatment plant, wastewater treatment plant or air pollution control facility (Act 101, Section 103). *Editor's Note: See 53 P.S. § 4000.103.*

NEWSPAPER

Paper of the type commonly referred to as "newsprint" and distributed at fixed intervals, having printed thereon news and opinions and containing advertisements and matters of public interest, excluding magazines and glossy advertising inserts often included with newspapers.

PERSON

Any individual, partnership, corporation, association, institution, cooperative enterprise, municipal authority, federal government or agency, state institution or agency or any other legal entity whatsoever which is recognized by law as the subject of rights and duties.

PLASTIC BOTTLES

Empty and clean consumer product containers made of polyethylene terephthalate (PET), polypropylene (PP), high-density polyethylene (HDPE) and low-density polyethylene (LDPE), most commonly but not limited to plastic bottles used as containers for soda, milk and other consumer food products or for household cleaning products or for personal care products.

RECYCLABLES/RECYCLABLE MATERIALS

Those materials specified by the township for separation, collection, processing, recovery or reuse as part of a recycling program.

RECYCLING

The program or system of separation, collection, processing, recovery or reuse of recyclables.

RESIDENTIAL MUNICIPAL WASTE

Municipal waste, as herein defined, that is generated at a dwelling unit.

RESIDENTIAL UNIT

See "dwelling unit."

RESIDUAL WASTE

Any garbage, refuse, other discarded material or other waste, including solid, liquid, semisolid or contained gaseous materials resulting from industrial, mining and agricultural operations and any sludge from an industrial, mining or agricultural water supply treatment facility, wastewater treatment facility or air pollution control facility, provided that it is not hazardous.

SOLID WASTE

Any waste, including but not limited to, municipal, residual or hazardous waste, including solid, liquid, semisolid or contained gaseous materials. (Pennsylvania Solid Waste Management Act, Section 103 *Editor's Note: See 36 P.S. § 6018.103.*)

SOURCE-SEPARATED RECYCLABLE MATERIALS

Materials separated at the point of origin for the purpose of being recycled.

STEEL CANS

Clean, non-aerosol and empty ferrous metal or bimetal beverage and food containers.

TOWNSHIP

The government jurisdiction and legal entity of Upper Allen Township, Cumberland County, Pennsylvania.

WASTE

Materials whose original purpose has been completed and which is directed to a disposal or processing facility or is otherwise disposed, but it does not include source-separated recyclable materials.

§ 210-6. Duty of property owner and occupants to provide containers and ensure proper disposal of waste.

It shall be the duty of every owner of property and every person occupying a dwelling unit, premises or place of business within the township where municipal waste is generated and accumulated, by his/her own expense and cost, except as otherwise specified in this Article, to provide and keep at all times a sufficient number of containers to hold all municipal waste accumulated between intervals of collection of such waste by an authorized collector; and to ensure the sanitary and

legal disposal of such waste in accordance with this Article and all other applicable township, state and federal laws and regulations.

§ 210-7. Storage on residential property.

- A. Containers. All municipal waste accumulated by owners of residential property and/or the occupants of residential properties shall be placed in containers for collection by an authorized collector. The containers shall be durable, watertight and made of rust-resistant metal or plastic. The size of each container shall not exceed a thirty-five-gallon capacity unless bulk (dumpster-type) containers are used. Containers for curbside recyclables will be as specified by the township or as provided by the township directly or through exclusive contract for collection of recyclables. Use of bulk containers at multifamily establishments shall be permitted, but they shall comply with the provisions of § **210-8A** below.
- B. Location of containers. Each municipal waste container and curbside recyclable container shall be placed for collection so as to be accessible to the collector at ground level and at a point immediately behind the curbline of the street, within no more than ten (10) feet of the cartway of the street or alley from which the collection with a vehicle is made, if there is no curbing, or at a location mutually agreeable between the resident, the township and the collector. Failure to place containers at such locations may result in waste not being picked up. The location for collection of uncontainerized recyclable material shall be as specified by the township. The location of bulk containers at multifamily establishments shall be in accordance with § **210-8B** below.

§ 210-8. Storage on commercial, institutional and industrial properties.

- A. Containers. Storage of municipal waste on commercial, institutional and industrial properties shall be done in the same type of containers as required for residential properties except where the accumulation of solid waste for such commercial, institutional or industrial property precludes their use, in which case such owner or occupant shall make special arrangements with the authorized collector for the storing of such additional quantities. Special arrangements shall include the number and type of special bulk containers to be furnished by the collector as may be approved by the township.

B. Location of containers. Containers for collection at commercial, institutional or industrial properties shall be located on the owner's or occupant's premises at a place agreed upon by the owner or occupant of the commercial, institutional or industrial property and the authorized collector and shall not be unsatisfactory to the township. Such locations shall not interfere with public or private sidewalks, walkways, driveways, roads, streets, highways or alleys or entrances and exits of public or private buildings.

§ 210-9. Unauthorized collection and transport prohibited.

It shall be unlawful for any person or corporation other than persons or corporations authorized by license or contract by the township to collect and/or transport solid waste of any nature as a regular hauling business within or from the township. If the township decides to enter into an exclusive contract for the collection of residential municipal waste in the township, said contractor shall be required to collect municipal waste in the township exclusive of other private haulers and collectors subject to exceptions to the exclusive township contract. If the township decides to enter into such an exclusive contract, the township shall not issue a license to any private hauler or collector for the collection of residential municipal waste other than the hauler or collector having the exclusive contract with the township. Authorization to collect, transport and dispose of municipal waste for persons other than oneself may be given only by the township through the issuance of a contract or license. All applicants for licensing shall be reviewed by the township and shall be approved in accordance with reasonable standards therefor and public bidding requirements developed therefor by the Township Board of Commissioners.

§ 210-10. Transportation of solid waste.

Any person transporting solid waste within the township shall prevent or remedy any spillage from vehicles or containers used in the transport of such solid waste. The vehicles used to transport or convey solid waste shall be leakproof and enclosed to the extent necessary to ensure no loss or spilling of waste from the vehicles. The township shall have the authority to inspect the vehicles used for the transport of solid waste as it deems necessary.

§ 210-11. Disposal of municipal waste.

All municipal waste produced, collected and transported from within the jurisdictional limits of the township shall be disposed of at a landfill or other disposal facility licensed or permitted by the Commonwealth of Pennsylvania Department of Environmental Resources or other state government. However, the township reserves the right to designate a state permitted facility of its choice and to require that all municipal waste generated in the township be disposed of at this designated facility. If the township designates a disposal facility as provided for above, all authorized (licensed) collectors or collectors operating under contract with the township for collection of municipal waste shall be informed by the township of the location, regulations and other information pertaining to the designated disposal facility. The township reserves the right to make inspections of authorized collectors to ensure that waste generated within the township is being disposed of in an authorized or designated facility and to limit the use of a designated facility only to waste generated within the township. Any authorized collector found to be in violation of this section shall have his/her license to collect or haul municipal waste in the township revoked.

§ 210-12. Unlawful disposition of waste.

It shall be unlawful for any person to deposit for collection any solid waste including bulky items not generated at the address from which collection is made or to bring any solid waste into the township or from one address to another in the township for the purpose of taking advantage of the collection service or to avoid the cost of collection.

§ 210-13. Bulky waste.

Bulky waste which is not collected by the normal or weekly residential collection shall not be stored outside of a building or accessory building on any land in the township, except for a period not exceeding fourteen (14) days pending the special handling for disposal of the bulky waste. However, brush, tree trimmings, yard clippings, leaves, grass or other waste from live plantings may be stored for longer periods of time if necessary until the next scheduled collection for such items or for the purpose of composting or burning such materials in accordance with the

township ordinances, unless such storage violates other ordinances or regulations of the township. It shall be unlawful for any person to place bulky waste on any property other than on the property at which it was generated or directly associated with. Bulky waste shall be disposed of at a state permitted or licensed disposal facility, a facility especially designated by the township to take such bulky items or a legitimate salvage dealer that is in the business of disposing of or recycling such items.

§ 210-14. Construction and demolition waste.

All waste materials resulting from the building, structural alteration, repair, construction or demolition of buildings or structures shall be disposed of as permitted by the regulations of the State Department of Environmental Resources or pertinent ordinances or regulations of the township. It shall be the responsibility of the property owner to ensure the disposal of such waste in accordance with applicable laws and regulations.

§ 210-15. Exclusions.

- A. Nothing contained herein shall be deemed to prohibit any person not regularly engaged in the business of collecting municipal waste from hauling his/her own municipal waste on an irregular or unscheduled basis to a state permitted disposal facility or to the disposal facility as designated by the township in accordance with the regulations of the disposal facility.
- B. Nothing contained herein shall prohibit a farmer from carrying out normal farming operations, including composting or spreading of manure or other farm-produced agricultural waste not otherwise prohibited or regulated for land applications.
- C. The provisions of this Article do not apply to anything but the storage, collection, transportation and disposal of municipal waste and do not apply therefore to hazardous or residual waste as defined by the Pennsylvania Solid Waste Management Act and its amendments.
Editor's Note: See 36 P.S. § 6018.101 et seq. All hazardous or residual waste must be disposed of in compliance with applicable state and federal laws and regulations.

§ 210-16. Duty of owner and occupants to pay service fee.

It shall be the duty and responsibility of every owner of property and every person occupying a dwelling unit, premises or place of business within the township where municipal waste is produced and is accumulated to pay a service fee for the collection and disposal of this waste, except as otherwise provided by this Article, to a licensed hauler or exclusive contractor or to the township. A licensed hauler, exclusive contractor or the township may discontinue service for nonpayment of service fees by a residential, commercial, institutional or industrial establishment. Discontinuance of service due to nonpayment of service fees shall not relieve the resident or establishment from abiding by all of the requirements of this Article.

§ 210-17. Service charges to be based on volume of waste collected.

To encourage and maximize recycling, all municipal waste service charges for the collection and disposal of municipal waste paid either to a licensed hauler, an exclusive contractor or the township shall be based upon the volume of waste collected at the commercial, institutional or industrial establishment. At multifamily residential units, service charges shall be based on volume to the extent that any amount over five (5) cans or bags per week or the equivalent is exceeded on a volume basis.

§ 210-18. Service fees to be established by contract.

All service fees established under an exclusive contract for the collection of waste in the township shall be established and adjusted by contract awarded by the Board of Commissioners pursuant to public bidding.

§ 210-19. Authorization to recycle.

The township, recognizing that reclaiming of recyclable materials is an important method for addressing the growing solid waste disposal problem through conserving landfill space and that recycling conserves natural resources, reduces energy consumption and promotes the general interest and to be in compliance with Act 101, *Editor's Note: See 53 P.S. § 4000.101 et seq.* does hereby authorize and encourage

collection, processing, storage, transportation and recycling of materials in accordance with the provisions of this Article.

§ 210-20. Recyclables not to be considered solid waste.

Recyclables separated for the purpose of materials recovery rather than disposal and collected by the township or its designated agent or contractor shall not be considered solid waste, as defined under this Article, and shall not be subject to the provisions of this Article which require the disposal of waste at designated facilities unless such recyclables become unmarketable.

§ 210-21. Establishment of mandatory recycling program.

The township hereby established a program for the mandatory separation of recyclables from municipal waste by persons residing in single-family dwellings and multifamily establishments and by commercial, institutional and industrial establishments.

§ 210-22. Items to be separated and recycled.

A. At residential units (including multifamily establishments), the following items shall be separated and recycled:

- (1) Newspapers.
- (2) Glass.
- (3) Aluminum and steel cans.
- (4) Plastic bottles.
- (5) Leaf waste.

B. At commercial, institutional and industrial establishments, the following items shall be separated and recycled:

- (1) Newspapers.
- (2) High-grade office paper and corrugated paper.
- (3) Aluminum and steel cans.
- (4) Glass.
- (5) Plastic bottles.
- (6) Leaf waste.

§ 210-23. Items excluded from recycling.

Newspapers that are used for secondary purposes, such as wrapping other waste or for cleaning which renders them unusable for recycling, shall not be required to be recycled.

§ 210-24. Recycling plans to be filed and approved by township.

Commercial, industrial and institutional establishments and residential establishments conducting their own recycling programs not in conjunction with an agent of the township or under an exclusive contract as may be established by the township for the collection of municipal waste and recyclables shall file with the township and have approved by the township individual recycling programs which provide for, at minimum, the recycling of items listed in § **210-22B** above, as provided in Section 1501(c) of Act 101. *Editor's Note: See 53 P.S. § 4000.1501(c).*

§ 210-25. Establishment of regulations.

The township or its authorized agent shall establish and promulgate regulations on the manner, days and time of collection of recyclable materials and for the bundling, handling, location and time of placement of such materials for collection. Regulations shall be promulgated for each of the programs undertaken, including but not limited to the residential, multifamily and commercial sources of recyclable materials.

§ 210-26. Separation of recyclables and placement for collection.

[Amended 6-16-2005 by Ord. No. 597]

Recyclable materials shall be placed at the curb or other designated areas, separated from solid waste, for collection or taken to dropoff sites at such times, dates, manner, and places as may be established or authorized by the Township, provided that curbside pickup of newspapers, glass, aluminum and steel cans and plastic bottles shall occur weekly and curbside pickup of leaf waste and brush shall occur at a minimum of two times per year.

§ 210-27. Collection by unauthorized persons prohibited.

From the time of placement of recyclable items at the curb or designated location or at a dropoff center as designated or authorized by the township, the recyclable items shall become the property of the township

or its authorized agent or contractor. It shall be a violation of this Article for any person unauthorized by the township to collect or pick up or cause to be collected or picked up any such items. Any and each collection in violation hereof from one (1) or more locations shall constitute a separate and distinct offense punishable as hereafter provided.

§ 210-28. Unlawful disposal of recyclables.

Upon and after the effective date of this Article, it shall be unlawful for any person or persons to dispose of any recyclable item as established in § **210-22** above commingled with other solid waste not required to be recycled or to dispose of such items in other places that will not ensure that items are recycled unless the material is so contaminated that it is unacceptable for recycling.

§ 210-29. Violations and penalties.

[Amended 6-17-1993 by Ord. No. 474]

Any person violating any of the provisions of this article shall, upon conviction by a District Justice, be subject to a fine of not more than one thousand dollars (\$1,000.), together with the cost of prosecution, or to imprisonment in the Cumberland County Jail for a period of not more than thirty (30) days. Every violator of the provisions of this Article shall be deemed guilty of a separate offense each and every day such violation continues and shall be subject to the penalty imposed by this section for each and every separate offense.

§ 210-30. Additional remedies.

In addition to the foregoing penalty, the township also may exercise any other remedies available to it under the First Class Township Code *Editor's Note: See 53 P.S. § 55101 et seq.* or other applicable laws to carry out its responsibilities under Act 101, *Editor's Note: See 53 P.S. § 4000.101 et seq.* this Article and other pertinent ordinances of the township.

Borough of Hollidaysburg
(Includes Licensing/Registration Provisions)

CHAPTER 20

SOLID WASTE

Part 1

Solid Waste and Recyclables Storage,
Collection, Disposal and Processing

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Part 1

Solid Waste and Recyclables Storage,
Collection, Disposal and ProcessingA. Title, Purpose and Definitions.

§101. Title. This Part shall be known as the "Solid Waste and Recyclables Storage, Collection, Disposal and Processing Ordinance." (Ord. 664, 12/27/1990, §101)

§102. Intent and Purpose.

1. It is the intent and purpose of this Part to promote the public health, safety and welfare, and to eliminate public health hazards, environmental pollution, and economic loss by providing that all residential, commercial, and industrial refuse accumulated or stored upon any property within the Borough shall be collected and removed by a responsible person or licensed hauler who shall be licensed with the Borough, and shall be disposed in an area authorized by and approved by the Borough in accordance with all State, Federal and local laws and ordinances.

2. It is also the intent and purpose of this Part to promote the public health, safety and welfare, and to eliminate public health hazards, environmental pollution, and economic loss by providing that all material separated and stored for recycling at any residential, commercial, institutional or municipal establishment in accordance with the Municipal Waste Planning, Recycling and Waste Reduction Act (Act 101) and local ordinances and regulations shall be collected and removed by a responsible person or licensed hauler who shall be licensed with the Borough and shall be delivered to a recycling processing center authorized and approved by the Borough for processing and marketing in accordance with all State, Federal, and local laws and ordinances. [Ord. 723]

(Ord. 664, 12/27/1990, §102; as amended by Ord. 723, 12/15/1994, §1)

§103. Definitions. For the purpose of interpreting the provisions of this Part, the following words shall have the meaning or meanings ascribed;

ASHES - residue from the burning of coal, coke, or other combustible material.

BULKY WASTE - municipal waste which is too large and/or heavy to be placed in standard thirty (30) gallon garbage (municipal waste) bags and/or garbage (municipal waste) receptacles including, but not limited to, appliances, furniture and large auto parts. [Ord. 701]

CARTWAY - paved area of street, alley, road, avenue, etc.

CONSTRUCTION AND/OR DEMOLITION WASTE - solid waste (as defined in Act 101) resulting from the construction and/or demolition of buildings and other structures including, but not limited to, wood, plaster, metals, asphaltic substances, brick, block and unsegregated concrete. The term also includes dredging waste. For the purposes of this Part, the term "municipal waste" shall not include "construction and demolition waste" and regulation of collection including, but not limited to, licensing for collection of construction and demolition waste shall be the responsibility of the Blair County Solid Waste Authority. The term does not include the following, however, if the same are separate from other waste and are used

as clean fill (e.g. material used to level uneven areas of real estate):

- A. Uncontaminated: soil, rock, stone, gravel, unused bricks, blocks and/or concrete.
- B. Waste from land clearing, grubbing and excavation, including trees, brush, stumps and vegetative material.

[Ord. 701]

DISPOSAL - storage, collection, disposal, or handling of garbage, municipal waste, and other refuse material.

GARBAGE - putrescible animal, fish, fowl^{*}, fruit or vegetable waste incident to and resulting from the use, preparation, cooking and consumption of food.

HAZARDOUS WASTE - any garbage, refuse, sludge from an industrial or other wastewater treatment plant, sludge from a water supply treatment plant or air pollution control facility and other discarded material, including solid, liquid, semi-solid, or contain gaseous material resulting from municipal, commercial, industrial, institutional, mining or agricultural operations and from community activities or any combination of the above; does not include solid or dissolved material and domestic sewage or solid or dissolved materials in irrigation return flows or industrial discharges which are point sources subject to permits under §402 of the Federal Water Pollution Control Act, as amended (86 Stat. 880), or source, special nuclear, or by product material as defined by the U.S. Atomic Energy Act of 1954, as amended (68 Stat. 923), which, because of its quantity, concentration or physical, chemical, or infectious characteristics may:

- A. Cause or significantly contribute to an increase in mortality or an increase in morbidity in either an individual or the total population; or,
- B. Pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, disposed of, or otherwise managed.

The term "hazardous waste" shall not include coal refuse, as defined in the Act of September 24, 1968 (P.L. 1040, No. 318), known as the Coal Refuse Disposal Control Act. "Hazardous waste" shall not include treatment sludges from coal mine drainage treatment plants, disposal of which is being carried on pursuant to and in compliance with a valid permit issued pursuant to the Act of June 22, 1936, (P.L. 1987, No. 394) known as the "Clean Streams Law."

LICENSED HAULER - a person who has obtained a license from the Borough authorizing said person to collect, transport, and/or dispose of municipal waste, other refuse material, and/or recyclables from residential, commercial and/or industrial establishments.

MUNICIPALITY - the Borough of Hollidaysburg.

MUNICIPAL WASTE - any garbage, refuse, industrial lunchroom or office waste and other material, including liquid, semisolid or contained gaseous material, resulting from the operation of residential, municipal, commercial or institutional establishments and from community activities

* Ord. 664, read "foul."

(including, but not limited to, festivals). The term does not include source separated recyclable materials.

NUISANCE - any condition, structure, or improvement which shall constitute a threat to the health, safety or welfare of the citizens of the Borough.

OCCUPANT - person generally in possession and control of any residential, commercial, institutional or industrial establishment.

PERSON - every natural person, association, firm or corporation. Person also includes a lessee as well as an owner of a residential establishment, and includes a person, association, firm or corporation which owns a residence or business.

RECYCLABLES - materials generated by a person which can be separated from municipal waste and returned to commerce to be reused as a resource in the development of useful products. Recyclables include the following: newsprint, aluminum cans, bi-metallic cans, clear and/or colored glass, plastic beverage containers, high grade office paper, corrugated paper, leaf waste and such other materials as may be designated or deleted from time to time by resolution.

RECYCLING PROCESSING CENTER - a facility that receives, sorts, separates, prepares, and markets collected recyclables.

REFUSE - any material other than residual waste, municipal waste, hazardous waste and/or recyclables.

RESIDUAL - any garbage, refuse, other discarded material or other waste including solid, liquid, semisolid, or contained gaseous material resulting from industrial, mining and agricultural operations and any sludge that is not otherwise hazardous from an industrial, mining or agricultural water supply treatment facility, wastewater treatment facility or air pollution control facility, or recycling processing center, provided that it is not hazardous. The term "residual waste" shall not include coal refuse, as defined in the Coal Refuse Disposal Control Act. Residual waste shall not include treatment sludges from coal mine drainage treatment plants, disposal of which is being carried on pursuant to and in compliance with a valid permit issued pursuant to the Clean Streams Law.

SPECIAL RECYCLABLES - recyclables other than those recyclables mandated herein to be collected at the curb side that are marketable as scrap, recyclable or reusable such as angle and cast iron, copper, etc. [Ord. 701]

WASTE DUMPSTERS and/or WASTE CONTAINER - any nonmotorized and/or nonpropelled receptacle designed to hold and/or receive municipal waste and/or other refuse material, capable of being lowered and lifted by motor vehicle or truck for the purpose of municipal waste and/or other refuse material collection. [Ord. 723]

In this Part, the singular shall include the plural and the masculine shall include the feminine and the neuter.

Other words not defined herein shall have the meaning set forth in the Municipal Waste Planning, Recycling and Waste Reduction Act (Act101), the Collection and Recycling Waste Ordinance, Section III of the Recycling

Ordinance Guidelines promulgated pursuant to the Collection and Recycling Waste Ordinance, and any other applicable ordinance or regulation of the Borough.

(Ord. 664, 12/27/1990, §103; as amended by Ord 701, 11/18/1993, §1; and by Ord. 723, 12/5/1994, §2)

B. Licensing of Haulers.

§111. Licensing of Haulers.

1. It shall be unlawful for any person to engage in the business of collecting and/or transporting municipal waste, other refuse materials, or recyclables within the limits of the Borough or to use a motor vehicle or truck for such purpose without having first secured a license to do so, as hereinafter provided in this Part, the Collection and Recycling Guidelines promulgated pursuant to the Collection and Recycling Waste Ordinance, and any other applicable ordinance or regulation of the Borough.

2. The license required pursuant to §111(1), if issued, shall be issued to the person requesting the same as noted on the application therefor; however, said person shall be required to obtain a collection decal for each vehicle and/or truck intended to be used in the business of collecting and/or transporting municipal waste, other refuse material and/or recyclables in the Borough. [Ord. 701]

3. Renewal and Transfer of License.

A. Any person having been issued a license pursuant to this subpart B, as the effective date of this Part (hereinafter "effective date") may, if said person meets all the requirements of this and any other applicable local, State and/or Federal law, rule and/or regulation, be entitled to have said license renewed in accordance with this Part, as amended from time to time. No license shall be issued however, to any person other than the persons who were issued a license as of the effective date of this Part. Nothing herein shall prohibit any person having been issued a license as of the effective date of this Part from selling, gifting or otherwise transferring said person's license to any other person (hereinafter transferee) whether or not said transferee possessed a license pursuant to this subpart as of the effective date of this Part. This transfer of said license shall be contingent upon the transferee satisfying the requirements of this Part and any other local, State and/or Federal law, rule and/or regulation verified in writing by the Secretary of the Borough or other person designated by Borough Council and the transferee may apply to have said license renewed from time to time.

B. In order to further the intent of this Part, in no event shall the license transferred to any person be split and/or partitioned in any way and any transfer of such license shall be of the entire license. Once the said license is transferred, it shall be unlawful for the person who was originally issued the license to collect and/or transport municipal waste, other refuse or recyclables within the limits of the Borough, unless said person shall be duly employed by or in some manner actively involved in the collection and/or transportation business of the transferee. Additionally, in the event the transferee is a person who was issued and currently holds a license pursuant to this subpart B, the license so transferred shall merge into the license held by the transferee prior to the transfer such that the transferee will be entitled to later transfer, in accordance with this subpart, only one (1) license.

C. Any license which has been issued to any person under this subpart, which said license at any time after the effective date of this Part is discontinued and/or not renewed by the holder thereof and/or the same has not been revoked by the Borough for any reason, shall not be reissued to any person who was originally issued said license and said license shall be permanently retired by the Borough.

[Ord. 694]

(Ord. 664, 12/27/1990, §111; as amended by Ord. 694, 4/15/1993, §1; and by Ord. 701, 11/18/1993, §2)

§112. Collection of Recyclables Required. Except as otherwise provided by this Part or any other ordinance or regulations of the Borough, no license shall be issued to any person desiring to collect municipal waste and/or other refuse material within the Borough unless said person shall also collect recyclables as set forth in Section III of the Recycling Ordinance Guidelines promulgated pursuant to the Collection and Recycling Waste Ordinance, and any other applicable ordinance or regulation of the Borough. (Ord. 664, 12/27/1990, §112)

§113. Application. Any person desiring to engage in the business of collecting and/or transporting any other refuse material, or recyclables from any residential, commercial, institutional or municipal establishment residential, within the Borough, shall first make application to the Secretary of the Borough on the form prescribed, setting forth in such application the name and address of the applicant, type, model and weight of each motor vehicle or truck the applicant shall use for such work, the place within the Borough wherein such applicant shall collect such Borough waste, other refuse material and/or recyclables, and the place and manner where such applicant shall dispose of and/or process any municipal waste, other refuse material and/or recyclables which the applicant shall collect. Said application shall be accompanied by a license fee, as hereinafter set forth. All license applications must be filed with the Borough Secretary at least ten (10) days prior to the expiration of a person's current municipal waste/recycling license. (Ord. 664, 12/27/1990, §113; as amended by Ord. 674, 12/16/1991, §1(A))

§114. License Fee. The annual license fee for licenses issued pursuant to §111 shall be established from time to time by the Council, which said license fee may be established based upon regionalized zones, which said zones may be established by the Council from time to time. (Ord. 664, 12/27/1990, §114; as amended by Ord. 701, 11/18/1993, §2)

§115. Issuance of License.

1. The Secretary of the Borough or other person designated by the Borough Council, upon submission of a written application and payment of a license fee, and after investigation as the Borough may deem necessary, by the applicant for the collection and/or transportation of municipal waste, other refuse material and/or recyclables. The person so designated to issue said license may deny the application of any person for said license pursuant to Chapter 20, Part 1, Subpart E, §142, "Denial of License." [Ord 688]

2. The license shall contain on the face thereafter the words: "Hollidaysburg Borough Municipal Waste Collection, and Recycling License" and the year of issuance and such license shall be good and valid during the calendar year for which said license is issued and until the 31st day of January of the following calendar year, provided such licensee collects, transports, disposes, and/or delivers such municipal waste, other refuse material and/or recyclables in the manner set forth in this Part and in accordance with the laws, statutes, regulations and rulings of the Commonwealth of Pennsylvania, ordinances, permits, resolutions and regulations of the Borough relating to the collection transportation, disposal and/or processing of municipal waste, other refuse material and/or recyclable material.

3. Each person issued a license pursuant to §111 shall affix a collection decal to the outside of the left front door of each motor vehicle and/or truck designated by the licensee in its application and shall be displayed at all times when such motor vehicle or truck is used in the business of collecting and/or transporting municipal waste, other refuse material or recyclables in the Borough. The collection decal shall be of such design and cost as shall be established from time to time by Council. [Ord. 701]

(Ord. 664, 12/27/1990, §115; as amended by Ord. 688, 1/14/1993, §1; and by Ord. 701, 11/18/1993, §2)

§116. Transfer of License.

1. No license issued pursuant to the provisions of this Part may be used for any other motor vehicle or truck except as hereinafter provided.

2. A collection decal issued pursuant to provisions of this Part may be transferred from one (1) motor vehicle or truck when replaced by another motor vehicle or truck upon written application to the Secretary of the Borough in the manner and form prescribed in §113 of this Part and indicating thereon that such application is for the transfer of a valid, existing collection decal and the type, model and weight of the motor vehicle or truck from which the collection decal is to be transferred and such application shall be accompanied by a collection decal transfer fee established from time to time by the Borough.

(Ord. 664, 12/27/1990, §116; as amended by Ord. 701, 11/18/1993, §2)

§117. Collection Vehicles; Specifications and Conditions.

1. Truck Specifications.

A. No hauler licensed pursuant to this Part shall operate, cause or permit to be operated any motor vehicle or truck for collecting or disposing of municipal waste, recyclables and/or other refuse material within the limits of the Borough unless such motor vehicle or truck shall be properly covered by a tarpaulin or other proper cover of a material sufficiently strong so as to keep the municipal waste, recyclables or other refuse material from falling or being blown from said motor vehicle or truck while said motor vehicle or truck is either parked or being operated in any part or on any road or street or alley in the Borough. Said tarpaulin or other proper cover shall be attached to any such motor vehicle and/or truck regardless of whether municipal waste, recyclables and/or other refuse material may or may not fall or be blown from said motor vehicle or truck.

B. On and after January 1, 1999, no hauler licensed pursuant to this Part shall operate, cause or permit to be operated any motor vehicle or truck for collecting or disposing of municipal waste and/or other refuse material within the limits of the Borough of Hollidaysburg unless such motor vehicle or truck shall be equipped with a fireproof and leak proof compacting compartment. Said compacting compartment, in addition to meeting any other specifications herein required, shall facilitate complete containment of solid waste and be equipped with operable drain plugs at the lowest point. Only bulky, oversized waste or recyclables may be collected on open bed vehicles and said items shall be secured and completely covered with a waterproof tarpaulin.

[Ord. 701]

2. No vehicle used in the collection, transportation or disposal of municipal waste, recyclables and/or other refuse material, shall scatter any of said material, leachate or vehicle fluids on the streets, roads, highways, alleys or other property (public or private) in the Borough of Hollidaysburg. [Ord. 701]

3. Vehicles used to collect or transport municipal waste, and/or other refuse material shall be maintained in a sanitary condition so as to present a satisfactory outward appearance and shall meet all the requirements of the Borough and the Pennsylvania Department of Environmental Resources.

4. The Borough shall have the right to inspect any vehicles used to collect or transport municipal waste, other refuse material or recyclables at an reasonable time for the purpose of determining compliance with this Part or any other ordinance, resolution and/or regulations of the Borough. The licensed hauler shall correct deficiencies immediately upon notification by the Borough, and said collection vehicle shall not be used for the purposes set forth in this Part until said deficiencies have been corrected.

5. Each hauler licensed pursuant to this Part shall maintain its equipment in such condition as to be able to maintain the collection schedule.

6. Trucks and/or other vehicles used for the collecting transporting, disposing or removing any municipal waste, other refuse material, or recyclables in the Borough shall meet the following requirements.

A. Packers. All municipal waste, other refuse material, or any recyclables shall be enclosed within the confines of the cargo area, which shall be watertight.

B. Dump Trucks. If constructed with completely metal beds and lacking additional wood side boards, such truck shall be covered with a waterproof tarp as set forth in §117(1) of this Part.

C. Dump trucks or pickup trucks on which additional wooden sideboards have been installed shall be completely covered with a waterproof tarpaulin and any material transported therein shall be kept within the confines of the bed of any such truck. [Ord. 701]

D. Passenger vehicles used for the transporting of municipal waste, other refuse material or recyclables shall keep said material

within the confines of the vehicle at all times. Access in the vehicle cargo area shall be kept closed at all times, without the use of additional aids such as ropes, tie-downs, and other similar mechanisms.

E. Any trucks or vehicles used for the collection and/or transporting of recyclable within the Borough shall conform to the requirements of the Recycling Ordinance Guidelines promulgated pursuant to the Collection and Recycling Waste Ordinance, and any other applicable ordinance, resolution or regulation of the Borough.

F. Any and all vehicles used for the collection of municipal waste, other refuse material and/or recyclables shall be clearly marked to identify the person which has been issued the license to collect municipal waste, other refuse and/or recyclables pursuant to this or any other applicable Borough ordinance. The marking used by said person shall be the name listed on the application for the licensure of said vehicle submitted to the Borough for collection purposes and contain lettering no less than six (6) inches in height. [Ord. 701]

(Ord. 664, 12/27/1990, §115; as amended by Ord. 674, 12/16/1991, §1(B); and by Ord. 701, 11/18/1993, §2)

§118. Waste Dumpsters and/or Waste Container; Specifications and Conditions.

1. Any waste dumpster and/or waste container(s) shall, in addition to being subject to the requirements of subpart B, §131, subsection (5), be illuminated with a warning light, light reflector or a reflectorized material visible to oncoming vehicles for a distance of not less than three hundred (300) feet, between the hours of sunset and sunrise.

2. Any waste dumpster and/or waste container shall be equipped with a cover so that when not in use, material will not blow from the container, nor will significant amounts of water accumulate in the waste dumpster and/or waste container so as to cause leakage.

3. Liquid leachate shall not leak from any waste dumpster and/or waste container onto any street, sidewalk or public right-of-way.

4. Only permitted, nonrecyclable municipal waste shall be placed in such containers, in compliance with all applicable ordinances and/or guidelines.

5. The name of the licensed hauler responsible for the placement, emptying or removal of the waste dumpster and/or waste container must prominently be displayed thereon.

6. No person shall park or place any waste dumpster and/or waste container on any street, alley, highway, sidewalk or right-of-way within the Borough, under any circumstances, other than the conditions enumerated under subsection (7).

7. Subsection (6) of this §118 shall not be applicable to the temporary parking/placement of said waste dumpster and/or waste container upon proof of sufficient cause, to the Borough, at which time a permit will be issued for a temporary period of time determined as reasonable. The permit will not be valid unless the waste dumpster and/or waste container

meets all specifications required by this Part. Additionally, at no time will a waste dumpster and/or waste container be placed onto any running lane of the roadway restricting the flow of traffic.

8. Upon official notification by the Borough of violation of this Part and/or other applicable ordinances and/or guidelines, the licensed hauler responsible for the placement, emptying or removal of same or the owner of the same shall remove said waste dumpster and/or waste container in violation from the street, alley, highway or sidewalk within twenty-four (24) hours. If the waste dumpster and/or waste container has not been removed, and the licensed hauler responsible for the placement, emptying or removal of same or the owner of the same has not shown cause for a time extension the Borough shall move or cause to be moved, at the said licensed hauler or owner's expense, said equipment in violation, to a suitable facility where it may be reclaimed by the said licensed hauler and/or owner upon payment of costs.

9. The waste dumpster and/or waste container permit fee under this Part shall be established from time to time by the Borough and shall be in addition to all other license fees or tax required to be paid by the laws of the Commonwealth of Pennsylvania, or the ordinance of the Borough.

(Ord. 664, 12/27/1990; as added by Ord. 723, 12/15/1994, §3)

C. Disposal and/or Processing of Recyclables.

§121. Authorization to Contract for Services.

1. The Borough and/or its designee may, from time to time, execute such contracts on terms and conditions as deemed advisable with not more than six (6) persons to enable such person and/or persons to operate or cause to be operated a recycling processing center for the purpose of accepting recyclables collected within the Borough for processing and/or disposal. It shall be unlawful for any person or persons to engage in the business of operating or causing to operate a recycling processing center for the purpose of accepting recyclables collected within the Borough unless said person shall have secured a contract with the Borough to permit such business.

2. Nothing in this Part shall be construed as granting permission to any person and/or persons to operate a recycling processing center outside the corporate limits of the Borough. Each recycling processing center shall comply with all applicable requirements of the host municipality and/or the Commonwealth of Pennsylvania including, but not limited to, zoning and subdivision laws.

3. In the event that any licensed hauler has a contract or agreement existing as of December, 1990, to deliver some but less than all, recyclables collected in the Borough to a nonapproved site for recovery, said hauler shall submit, prior to the acceptance by the approved recycling processing center of any recyclables, a copy of said contract or agreement to the approved recycling processing center, and in that event, the approved recycling processing center shall accept the remaining material delivered to it by said licensed hauler, for an additional fee as may be set forth in the contract between the Borough and the approved recycling processing center. In this event, said approved recycling processing center shall, within five (5) working days of receipt of said contract or agreement, provide the Borough a copy of said contract or agreement provided to said recycling processing center by the licensed hauler.

4. Any breach of a contract by a person and/or persons executing the same with the Borough for the purposes of operation of a recycling processing center shall be considered a violation of this Part and shall subject said person and/or persons, in addition to contractual remedies, to the penalties provided herein.

(Ord. 664, 12/27/1990, §121; as amended by Ord. 723, 12/15/1994, §4)

D. Collection of Municipal Waste, Other Refuse Material and/or Recyclables.

§131. Point of Collection.

1. Municipal waste, other refuse or recyclables shall be placed at the edge of the cartway or any other designated place for collection no sooner than 6:00 p.m. on the day before the scheduled day for collection each week.

2. Each hauler licensed pursuant to this Part shall collect all municipal waste, other refuse material and/or all recyclables that have been placed at the side of the cartway or other designated location by its customers for collection, except as otherwise provided in this Part or any other ordinance, resolution or regulation of the Borough.

3. In the event a person is disabled, under the definition of the Americans with Disabilities Act of 1990, and said person, due to the disability, is unable to place municipal waste, refuse and/or recyclables, generated at said person's residence, at the curb side, and said person in any manner notifies the licensed hauler of said person's disability, the licensed hauler shall make reasonable accommodations with said disabled person as to a more accommodating place for placement and collection of the municipal waste, refuse and/or recyclables by the licensed hauler. [Ord. 682]

4. If a person who is disabled pursuant to the immediately preceding subsection, requests said person's licensed hauler to make reasonable accommodations as to a more accommodating place for placement and collection of municipal waste, refuse and/or recyclables, and said licensed hauler refuses and/or the said person believes the accommodations made are not reasonable, said person, or said person's agent (hereinafter "complainant") shall notify the Manager of the Borough within thirty (30) days of said accommodations, if believed to be unreasonable by the complainant, or within thirty (30) days of a request by the complainant for reasonable accommodations if none have been made by the complainant's licensed hauler. The Manager of the Borough, or the Manager's duly authorized agent, shall, within fifteen (15) days of said notice by the complainant, investigate the complaint, and if found to be valid, shall within thirty (30) days of said complaint, notify the complainant's licensed hauler, in writing, by certified mail, return receipt requested, of the deficiency, with a photocopy of said notice to the complainant, and indicate the corrective action to be taken within ten (10) days of receipt of said notice. Failure of said licensed hauler to comply with the directives of the notice shall constitute a violation of this Part and may subject the said licensed hauler to penalties including, but not limited to, revocation of said hauler's license. [Ord. 682]

5. Each licensed hauler owning, leasing and/or otherwise placing or causing to be placed any container at any type of establishment for the purpose of placing municipal waste, other refuse material and/or recyclables therein for later collection, shall ensure that any such container is emptied within forty-eight (48) hours of the same becoming full to capacity, regardless of whether the fee for collection of the same has been paid. Nothing herein shall prevent the licensed hauler from removing said hauler owned or leased container from the establishment for nonpayment of collection services so long as the container is emptied, with

regard to municipal waste, at a permitted landfill facility licensed by the Commonwealth of Pennsylvania and, with regard to recyclables, at a recycling center licensed by the Borough. [Ord. 701]

(Ord. 664, 12/27/1990, §131; as amended by Ord. 682, 10/8/1992, §1; and by Ord. 701, 11/18/1993, §4(A))

§132. Days and Hours of Operation.

1. The hauler licensed hereunder shall not be permitted to collect, remove and/or transport municipal waste, other refuse material or recyclables from residential establishments and/or multifamily establishments with four (4) or more units on Sundays, Thanksgiving Day, New Year's Day and Christmas Day, and at other such times as may be announced by the Borough in situations considered to be emergency by the Borough. If regular collection occurs on any such holidays the Saturday preceding or following the holiday may be used for collection hereunder. Collection shall only occur between 6:00 a.m. and 6:00 p.m. on Memorial Day, Independence Day and Labor Day. Any time and date of collection may, at any time, be changed by resolution of the Council of the Borough. [Ord. 701]

2. The collection of municipal waste, other refuse material and/or recyclables at residential establishments and/or multifamily dwellings having more than four (4) units per structure, shall only occur between the hours of 5:00 a.m. and 6:00 p.m. on any single day of collection and shall not occur at any other time, unless otherwise provided herein or by the Borough. In the event the Borough declares a weather emergency or like situation, collection of said waste and recyclables may continue to take place during the above-stated hours, however, said collection will be permitted to also take place between the hours of 3:00 a.m. and 6:00 p.m. the day following the termination of such weather emergency or like situation unless otherwise announced by the Borough. In the event the weather emergency or like situation is of a severe nature, as the same shall be announced by the Borough, no such collection shall take place during such time but shall be permitted to occur the day following the termination thereof between the hours of 3:00 a.m. and 6:00 p.m. unless otherwise instructed by the Borough. All declarations and/or announcements by the Borough with regard to weather emergencies or like situations may be accomplished through print, television, radio and any other such media deemed appropriate by the Borough. [Ord. 723]

3. Each hauler licensed pursuant to this Part shall, for its own customers, collect and remove any Borough waste and/or refuse material placed for collection by occupants of residential establishments at least once each week, except for the collection of recyclables at residential establishments, which shall be collected as set forth in §132(5) of this Part.

4. Each hauler shall collect municipal waste or other refuse material from commercial establishments at least once every week, and shall collect said municipal waste and/or other refuse material more often if necessary to control health hazards, or to prevent the accumulation of waste or other refuse material so as to create a nuisance, odor, unsightly appearance, except for the collection of recyclables from commercial establishments which shall be collected as set forth in §132(6) of this Part.

5. Recyclables shall be collected from residential establishments at least once every other week as set forth in Section III of the Recycling Ordinance Guidelines promulgated pursuant to the Collection and Recycling Waste Ordinance, and any other applicable ordinance or regulation of the Borough.

6. Recyclables shall be collected from commercial establishments at least once every other week, and shall be collected more often if necessary to control health hazards, or to prevent the accumulation of recyclables so as to create a nuisance, odor, unsightly appearance, as set forth in Section III of the Recycling Ordinance Guidelines promulgated pursuant to the Collection and Recycling Waste Ordinance, and any other applicable ordinance or regulation of the Borough.

7. All licensed haulers, upon oral and/or written notification by persons who own and/or occupy residential establishments, shall, within fourteen (14) days of such notification, collect bulky waste and/or special recyclables from the residential establishment indicated in such notification.

8. By January 1, 1995, specific times and days of the week shall become effective as the same shall be established by the Borough and/or its approved agent as may be deemed appropriate giving due regard to the dates of collection established in other Intermunicipal Recycling Committee communities. [Ord. 701]

(Ord. 664, 12/27/1990, §132; as amended by Ord. 701, 11/18/1993, §4(B),(C); by Res. 94-76, 10/20/1994; and by Ord. 723, 12/15/1994, §6)

§133. Preparation for Collection.

1. It shall be the duty of the owner of all residential establishments, rented or otherwise occupied by said owner and all establishments containing multifamily rental housing property with four (4) or more units and commercial, municipal and institutional establishments to contract the services of a licensed hauler to collect any municipal waste, other refuse material (on at least a weekly basis) and/or recyclables (on at least a once every two (2) weeks basis) resulting from the operation of any such establishment unless said establishment, by some other means, disposes of the same at a duly licensed municipal waste facility or a duly approved recycling processing facility, and all such establishments shall prepare said materials as follows: [Ord. 723]

A. All municipal waste and/or material shall be drained of liquid insofar as practical, and shall be placed in sanitary sealed bags, containers, and/or cans made of non-absorbent material.

B. Containers used by residential establishments shall not exceed thirty (30) gallons in size; cans shall be [of] a rust-resistant material and shall be furnished and kept clean by the occupant and shall be replaced by the occupant when no longer in satisfactory condition.

C. All municipal waste which cannot be disposed of in containers shall be assembled, boxed or bundled separately in such a way that it can be handled conveniently and will not be disseminated by wind or otherwise, while awaiting collection.

D. All refuse except bulky waste shall be of units such as can be handled by one (1) person and shall be placed in containers or piled and assembled in such a way as to facilitate collection.

E. All containers shall be kept on the residents property until it is placed for collection as in §131 of this Part.

F. All recyclables shall be prepared for collection as set forth in the Recycling Ordinance Guideline promulgated pursuant to the Collection and Recycling Waste Ordinance, and any other applicable ordinance, resolution or regulation of the Borough.

G. Establishments containing multifamily rental housing property with four (4) or more units and commercial, municipal and institutional establishments shall place all municipal waste emanating from said establishments in containers made from rust resistant material of sufficient size and strength to fully accommodate all such municipal waste and of such design to prevent animals from gaining access to such waste. Said containers kept at such establishments shall be kept clean and be replaced when needed by the occupants, owners, landlords and/or agents of such persons. [Ord. 674]

H. Construction and/or demolition waste must be placed in a rigid container, roll off or solid waste vehicle licensed by the Blair County Solid Waste Authority, and may not be stored on the ground, next to structures (as the same may be defined in Borough Zoning Ordinance) and/or on public right-of-ways. A separate container must be provided for mandated recyclable materials (including, but not limited to, corrugated cardboard. [Ord. 701]

(Ord. 664, 12/27/1990, §133; as amended by Ord. 674, 12/16/1991, §1(D); by Ord. 701, 11/18/1993, §4(D),(E); and by Ord. 723, 12/15/1994, §1)

§134. Transfer of Municipal Waste. No person shall transfer or permit the transfer of municipal waste and/or other refuse material from one (1) collection vehicle to another collection vehicle in any area of the Borough except as follows:

A. When said vehicles are parked at a duly licensed transfer station; or

B. When, due to terrain and/or weather conditions, the hauler's collection vehicle, due to its sign and/or tire traction, is unable to gain access to the area (e.g. a rural or extremely hilly area of the Borough) where the said waste is placed by the licensed collection hauler's customer for collection. Only solid waste collected under these conditions may be so transferred from one (1) collection vehicle to another collection vehicle.

(Ord. 664, 12/27/1990, §134; as added by Ord. 674, 12/16/1991, §1(E))

§135. Inspection of Municipal Waste and Recyclables. In order to insure compliance with all applicable Borough ordinances, the Borough, its agents (including, but not limited to, the Blair County Recycling Coordinator) and/or the Borough's employees, may conduct inspections of any and all municipal waste, other refuse material and/or recyclables placed at the

point for collection for pickup and may inspect, at any time, any recycling processing center licensed by the Borough. (Ord. 664, 12/27/1990, §135; as added by Ord. 674, 12/16/1991, §1(E))

§136. Monthly Reporting. All licensed haulers must, on a form provide by the Borough, report all persons for whom the licensed hauler collects, whether residential, commercial, municipal and/or institutional establishments, that fail, during the monthly reporting period, at any and all times, to separate and prepare recyclables for collection as set forth in the Recycling Ordinance Guidelines and/or has the service discontinued for any reason. All licensed haulers shall also submit the name and address of any and all new persons for whom the licensed hauler has been requested to collect during the monthly reporting period. Said report shall be completed in its entirety by the said licensed hauler and supplied to the Blair County Recycling Coordinator by the first day of each month. (Ord. 664, 12/27/1990, §136; as added by Ord. 701, 11/18/1993, §4(F))

E. Miscellaneous.§141. Insurance Coverage.

1. Any person licensed pursuant to this Part shall carry an insurance policy providing comprehensive liability and property damage insurance, the limits of said insurance policy shall be not less than three hundred thousand (\$300,000) dollars for personal liability, and three hundred thousand (\$300,000) dollars for property damage, and shall furnish proper certificate of insurance coverage to the Borough.

2. Any person licensed pursuant to this Part shall carry an insurance policy providing for Worker's Compensation insurance, as required by the Commonwealth of Pennsylvania, and shall furnish proper certificate of insurance coverage for Worker's Compensation to the Borough.

(Ord. 664, 12/27/1990, §141)

§142. Denial of License.

1. Any person filing an application for any license pursuant to this Part may be denied the issuance of the same by the Borough, if the Borough determines that said applicant has evaded or is attempting to evade the intent, purpose and/or goals of the Pennsylvania Solid Waste Management (35 P.S. §6018.001 et seq.), the Municipal Waste Planning Recycling and Waste Reduction Act, (53 P.S. §4000.101 et seq.), the regulations promulgated pursuant to said acts, this Part, the Collection and Recycling Waste Ordinance, and the guidelines promulgated pursuant to said ordinances, by any means whatsoever, including, but not limited to, entering into agreements with other persons, which said agreements are made for the primary purpose of evasion of said intent, purposes and/or goals; or having been convicted, within three (3) years immediately preceding submission of said application, of a violation of any of the immediately preceding acts, regulations, ordinances and/or guidelines. [Ord. 688]

2. In furtherance of this Section, any person submitting an application for a license issued pursuant to this Part, must submit any and all contracts, agreements, letters of understanding and any other document(s) evidencing a relationship between said applicant and any other person regarding the recovery, processing and/or collection of municipal waste, other refuse material and/or recyclables.

(Ord. 664, 12/27/1990, §142; as amended by Ord. 688, 1/14/1993, §3)

§143. Suspension or Revocation of License.

1. Any person issued a license pursuant to this Part may, in addition to the penalties provided by this Part and under any other applicable ordinance of the Borough, have the same suspended or revoked at any time by the Borough Council of the Borough for failure of a person issued a license to furnish and provide collection, transportation, disposal and/or processing of municipal waste, other refuse and/or recyclables, in accordance with other terms of this Part, the Collection and Recycling Waste Ordinance, Section III of the Recycling Ordinance Guidelines promulgated pursuant to the Collection and Recycling Waste Ordinance, and any other applicable ordinance, resolution or regulation of the Borough, and the conditions under which the license was issued. Said license may also be suspended or revoked at any time by the Council of the Borough of Hollidaysburg for any and all reasons set forth in §142, "Denial of License." [Ord. 688]

2. In case of violation or failure to comply with the provisions of this Part, the Collection and Recycling Waste Ordinance, Section III of the Recycling Ordinance Guidelines promulgated pursuant to the Collection and Recycling Waste Ordinance, and any other applicable ordinance, resolution or regulation of the Borough, the Borough Council of the Borough shall give said person an opportunity for a hearing thereon. Any person so entitled to a hearing shall have ten (10) days after notice of their right to a hearing to request such hearing in writing. Failure of the said person to so request a hearing shall be deemed to constitute an admission of the violation with which they are charged and which forms the basis of the revocation of their license. In case the person does request a hearing in accordance with this Section, a hearing shall be scheduled before the Borough Council and the person shall be given ten (10) days written notice of the time and place of the hearing at which they may appear and answer the charge.

3. Upon determination that a violation or failure to comply pursuant to this Section did occur, the Council of the Borough of Hollidaysburg may, in the case of a first offense and any second or subsequent offense, issue a warning, or depending on the severity of the first offense or in the case of a second or subsequent offense suspend or revoke the license. [Ord. 701]

(Ord. 664, 12/27/1990, §143; as amended by Ord. 688, 1/14/1993, §3; and by Ord. 701, 11/18/1993, §5)

§144. Accumulation of Garbage Prohibited. It shall be unlawful to place or permit to remain any municipal waste or refuse material or other material subject to decay, including recyclables, except yard waste that is composted in an acceptable manner, anywhere in the Borough except in a tightly covered metal or plastic container. (Ord. 664, 12/27/1990, §144)

§145. Independent Contractor Status. Any person granted a license, as set forth herein, shall not in any manner be construed as an agent, servant or employee of the Borough but shall at all times be considered and remain an independent contractor. Furthermore, any and all personal and/or real property owned, leased or controlled by any person granted a license, as set forth herein, shall at all times be considered and remain as the sole personal and/or real property of said person. (Ord. 664, 12/27/1990, §145)

§146. Rules and Regulations. The Borough is hereby authorized to promulgate rules and regulations and to issue forms as necessary to implement this Part. (Ord. 664, 12/27/1990, §146)

§147. Offense. In addition to the provisions of §143 of this Part, any person who operates, causes or permits to be operated a motor vehicle or truck in violation of this Part or who causes or permits the accumulation of municipal waste, other refuse material or recyclables in violation of this Part, or any person who violates any other provision of this Part, will be guilty of a criminal offense and upon conviction thereof by proceedings brought in the name of the Borough before any District Magistrate shall be sentenced to a fine of not less than one hundred (\$100.00) dollars and not more than one thousand (\$1,000.00) dollars together with the costs of prosecution and in default of payment to undergo imprisonment for not more than thirty (30) days. Each separate day a violation exists shall constitute a separate offense. (Ord. 664, 12/27/1990, §147)

§148. Severability. If any sentence, clause, Section or part of this Part is for any reason found to be unconstitutional or invalid, such unconstitutionality, illegality, or invalidity shall not affect or impair any of the remaining provisions, sentences, clauses, Sections or parts of this Part it is hereby declared as the intent of the Borough Council of the Borough that this Part would have been adopted had such unconstitutional, illegal or invalid sentence, clause, Section or part thereof not been included herein. (Ord. 664, 12/27/1990, §148)

§149. Effective Date. This Part shall become effected on January 1, 1991. (Ord. 664, 12/27/1990)

Part 2

Collection and Recycling Waste

§201. Legislative Purpose. The reduction of the amount of municipal waste and conservation of recyclable materials is an important public concern by reason of the growing problem of municipal waste disposal and its impact on the environment. The collection of newspaper, aluminum cans, bi-metallic cans, clear and colored glass, plastic beverage containers and leaf wastes for recycling from homes, apartments and other residential establishments and, in addition to these recyclables, high grade office paper and corrugated paper from commercial and institutional establishments in the Borough of Hollidaysburg and such other recyclables that shall be, by resolution, determined to serve the general public interest may reduce storage, collection, transportation and disposal costs of said wastes and preserve valuable natural resources. This Part has been developed to implement municipal responsibilities under the Municipal Waste Planning, Recycling and Waste Reduction Act (Act 101 of 1988). (Ord. 663, 12/27/1990, §1)

§202. Definitions.

ALUMINUM CANS - all aluminum cans (typically used for packaging beverages).

BI-METALLIC CANS - this consists of ferrous or "tin cans" commonly used in packaging food products and also those cans consisting of steel and aluminum.

COMMERCIAL ESTABLISHMENT - those properties used primarily for commercial or industrial purposes and those multiple dwelling residential buildings containing four (4) or more dwelling units.

CORRUGATED PAPER - paper of the type commonly referred to as "card-board," typically used for boxing material.

GARBAGE - putrescible animal, fish, fowl^{*}, fruit or vegetable waste, incident to and resulting from the use, preparation, cooking and consumption of food.

GLASS - all products made from silica or sand, soda ash and limestone; the product may be transparent, translucent, or colored and may be used as a container for packaging or bottling of various matter. Excluded are plate glass, automotive glass, blue glass, leaded glass, pyrex and porcelain and ceramic products and lids.

HIGHGRADE OFFICE PAPER - all white paper, bond paper and computer paper used in commercial, institutional and municipal establishments and in residences.

INSTITUTIONAL ESTABLISHMENT - those facilities that house or serve groups of people such as hospitals, schools, daycare centers, nursing homes, prisons and churches.

LEAF WASTE - leaves, garden residue, shrubbery, tree trimmings and similar material, not including grass.

* Ord. 663, read "foul."

LICENSED HAULER - a person who has obtained a license from the Borough of Hollidaysburg authorizing said person to collect, transport and dispose of municipal waste, recyclables (including leaf waste) from residential commercial and/or industrial establishments.

MUNICIPAL WASTE - any garbage, refuse, industrial lunchroom or office waste or other material, including liquid, semisolid or contained gaseous material, resulting from the operation of residential, municipal, commercial or institutional establishments and from community activities (including, but not limited to, festivals). The term does not include source separated recyclable materials.

NEWSPRINT - paper of the type commonly referred to as "newspaper" and distributed at stated intervals, usually daily or weekly, having printed thereon news and opinions and containing advertisements and other matters of public interest. Expressly excluded are glossy inserts often included with newspapers.

PLASTIC BEVERAGE CONTAINERS - empty plastic food and beverage containers. Due to the large variety of types of plastic, the recycling guidelines may stipulate specific types of plastic which may be recycled.

PERSON - every natural person, association, firm or corporation. Person also includes a lessee as well as an owner of a residential establishment, and includes a person, association, firm or corporation which owns a residence or business.

RECYCLABLES - materials generated by a person which can be separated from municipal waste and returned to commerce to be reused as a resource in the development of useful products. Recyclables include the following: newsprint, aluminum cans, bi-metallic cans, clear and/or colored glass, plastic beverage containers, high grade office paper, corrugated paper, leaf waste and such other materials as may be designated or deleted from time to time by resolution.

RESIDENTIAL ESTABLISHMENT - any single family or multi-family dwelling having less than four (4) dwelling units per structure from which the Borough of Hollidaysburg collects municipal waste, recyclables and leaf waste.

(Ord. 663, 12/27/1990, §2)

§203. Establishment of Recycling Program; Grant of Power. The Borough of Hollidaysburg hereby establishes a recycling program for the mandatory separation and collection of the designated recyclables as set forth in the guidelines promulgated pursuant to this Part from all residential, commercial and/or institutional establishments in the Borough of Hollidaysburg and/or its designated licensed hauler. Collection of the materials to be recycled shall be made by the Borough of Hollidaysburg and/or its designated licensed haulers. (Ord. 663, 12/27/1990, §3)

§204. Establishment of Collection Guidelines. The Council of the Borough of Hollidaysburg are hereby authorized and empowered to establish guidelines by resolution on the manner, days (which shall not be less than one (1) day per month), and times of collection of recyclable materials, and the bundling, handling, location and time of placement of such materials for collection. (Ord. 663, 12/27/1990, §4)

§205. Separation and Collection.

1. All persons who are residents of the Borough of Hollidaysburg shall separate recyclables and leaf waste specified in the guidelines promulgated pursuant to this Part from municipal waste produced at their homes, apartments and other residential establishments and shall store such material for collection and shall place the same for collection by the Borough of Hollidaysburg and/or its designated licensed haulers at the typical location for collection of municipal waste in accordance with the collection guidelines.

2. An owner, landlord, or agent of an owner or landlord of a multi-family rental housing property with four (4) or more units shall comply with its recycling responsibilities by establishing a collection system for recyclables and leaf wastes as set forth in the guidelines promulgated pursuant to this Part at each property. The collection system must include containers (which shall be approved by the Borough of Hollidaysburg) for collecting and sorting materials, easily accessible locations for the containers, and written instructions to the occupants of said property concerning the use and availability of the collection system. Arrangements shall be made by owner for collection of these materials by the Borough of Hollidaysburg and/or its designated licensed haulers.

3. All persons must separate leaf wastes from other municipal waste generated at their houses, apartments and other residential establishments for collection unless those persons have otherwise provided for composting of leaf wastes as approved by the Borough of Hollidaysburg.

4. Persons must separate recyclables and leaf wastes specified in the guidelines promulgated pursuant to this Part generated at commercial, municipal or institutional establishments and from community activities (such as festivals) and store the material until collection. Arrangements shall be made by persons operating commercial, municipal or institutional establishments for collection of these materials by the Borough of Hollidaysburg and/or its designated licensed haulers.

(Ord. 663, 12/27/1990, §5)

§206. Ownership of Recyclable Materials. All recyclables placed by the resident for collection by the Borough of Hollidaysburg and/or its designated licensed hauler pursuant to this Part and the guidelines authorized hereunder, shall, from time of pick-up, become the property of the Borough of Hollidaysburg and/or its designated licensed hauler, except as otherwise provided by §208 of this Part. (Ord. 663, 12/27/1990, §6)

§207. Collection Prohibited. It shall be a violation of this Part, for any person other than the Borough of Hollidaysburg and/or its designated licensed hauler to collect recyclables placed by a resident for collection by the Borough of Hollidaysburg and/or its designated licensed hauler, unless such person has prior written permission to make such collection as set forth in §208 of this Part. Each unauthorized collection in violation hereof from a residence, commercial, municipal and/or institutional establishment shall constitute a separate and distinct offense punishable as hereinafter provided. (Ord. 663, 12/27/1990, §7)

§208. Other Means of Recycling. Any person may donate and/or sell recyclables and/or leaf waste to any person, whether operating for profit

or not, provided that the receiving person shall not collect such donated recyclable materials from the collection point of a residence without the prior written permission of the Borough of Hollidaysburg to make such collection. Every person, whether operating for profit or not, collecting recyclables and/or leaf waste, pursuant to this Section, shall be subject to any and all reporting requirements, as to the types and amounts of recyclables and/or leaf waste collected, as set forth in the guidelines promulgated pursuant to this Part. (Ord. 663, 12/27/1990, §8)

§209. Designated Site. The Borough of Hollidaysburg shall designate, by guidelines promulgated pursuant to this Part, a recycling recovery facility to which all recyclable materials collected in the Borough of Hollidaysburg shall be directed. (Ord. 663, 12/27/1990, §9)

§210. Contracts.

1. General Rule. Nothing in this Part shall be construed to interfere with, or in any way modify, the provisions of any contract for recyclable material recovery, processing or collection in force in the Borough of Hollidaysburg upon the effective date of this Part.

2. Renewals. No renewal of any existing contract upon the expiration or termination of the original term thereof, and no new contract for recyclable material recovery, processing or collection shall be entered into after the effective date of this Part, unless such renewal or such new contract shall conform to the applicable guidelines promulgated pursuant to this Part.

3. Renegotiation Option. No contract renewal or new contract for recyclable material recovery, processing or collection shall be entered into unless such contract contains a provision for renegotiation to conform to the guidelines promulgated pursuant to this Part.

(Ord. 663, 12/27/1990, §10)

§211. Annual Report. On or before February 15 of each year, the Secretary of the Borough of Hollidaysburg shall submit a report to the County of Blair which shall describe the weight or volume of materials that were recycled by the municipal recycling program in the preceding calendar year. (Ord. 663, 12/27/1990, §11)

§212. Enforcement/Criminal Penalties. Any person who shall violate the provisions of §205 and/or §208 shall receive an official warning of noncompliance for the first offense. Thereafter, all such violations shall be subject to the penalties hereinafter provided. Any person, other than a municipal official exercising their official duties, who violates any provision of this Part, any resolution enacted hereunder, any order issued hereunder, or the terms and conditions of any contract awarded in the implementation of this Part shall, upon conviction thereof, be sentenced to pay a fine of not less than one hundred (\$100.00) dollars and not more than one thousand (\$1,000.00) dollars and costs and, in default of payment of such fine and/or costs, to undergo imprisonment for not more than thirty (30) days. The Borough of Hollidaysburg and/or its designated licensed haulers reserves the right not to collect municipal waste containing or

mixed with recyclable materials, or recyclable material containing or mixed with municipal waste, in combination with non-recyclable materials. (Ord. 663, 12/27/1990, §12)

§213. Delineated Existing Recycling Operation. Recycling operations that are in existence on the effective date of this Part may continue their operation so long as they abide by the provisions of this Part and the guidelines promulgated pursuant to this Part. (Ord. 663, 12/27/1990, §13)

§214. Repeal and Severability. All ordinances or parts of ordinances inconsistent with this Part are hereby repealed to the extent of such inconsistency. Should any part of this Part be held unconstitutional, illegal or unenforceable by any court of competent jurisdiction,* such invalidity shall not affect, impair, nullify or otherwise prevent the enforcement of the remainder of this Part. It is hereby declared that such parts as are legal would have been enacted independently of the invalid portion and the invalidity of such part been known, and it is the intention of the Borough of Hollidaysburg that such remainder shall be and remain in full force and effect. (Ord. 663, 12/27/1990, §14)

§215. Effective Date. This Part shall take effect and be enforced as of January 1, 1991. (Ord. 663, 12/27/1990, §15)

* Ord. 663 read "present."

City of Bethlehem
(Single Recycler/Multiple Hauler)

Municipal Waste Collection and Disposal

935.01 Definitions

935.02 Director of Community and Economic Development to Regulate Collection Disposal

935.03 Licensing of Haulers

935.04 Time and Frequency of Collection

935.05 Rolloff Containers and Portable Boxes

935.06 Severability

935.07 Penalties and Enforcement

CROSS REFERENCES

Pennsylvania Municipal Waste Planning, Recycling and Waste

Reduction Act (Act 101) (53 P.S. § 4000.101)

Power to Regulate Municipal Solid Waste Collection, Removal and Disposal

See Third Class City Code § 2403(6) (53 P.S. § 37403 (6))

Pennsylvania Solid Waste Management Act 97-1980

(53 P.S. § 6018.101 et seq)

Optional Third Class City Charter Law, 901-1957 (53 P.S. § 41101 et seq)

Removal of rubbish from street - GEN OFF Art 721

935.01 DEFINITIONS

As used in this article:

(a) "City" - The City of Bethlehem, located in the Counties of Northampton and Lehigh, Pennsylvania, a Pennsylvania Municipal Corporation.

(b) "Commercial" - Means any group of more than four (4) dwelling units, and establishments engaged in non-manufacturing or non-processing business, including, but not limited to, stores, markets, office buildings, restaurants, shopping centers and theaters.

(c) "Demolition Materials" - Solid waste resulting from the construction or demolition of buildings and other structures, including but not limited to, wood, plaster, metals, asphaltic substances, bricks, block and unsegregated. The term also includes dredging waste. The term does not include the following if they are separate from other waste and are used as clean fill:

(1) Uncontaminated soil, rock, stone, gravel, unused brick and block and concrete.

(2) Waste from land cleaning, grubbing and excavation, including trees, brush, stumps and vegetative material.

(d) "Municipal Waste" - Garbage, refuse, industrial lunchroom or office waste and other material, including solid, liquid, semi-solid or contained gaseous material resulting from operation of residential, municipal, commercial, or institutional establishments and from community activities; and sludge not meeting the definition of residual or hazardous waste under the Pennsylvania Solid Waste Management Act from a municipal, commercial or institutional water supply treatment plant, wastewater treatment plant or air pollution control facility. The term does not include source-separated recyclable materials.

(e) "Municipal Waste System" - The municipal waste management and collection system created by the City

and every aspect thereof including, but not limited to, equipment, transfer stations contractual arrangements or other rights, owned, acquired, leased, placed under contract, contracted, operated, or assumed by the City or any agent, designee or contractor in connection with the Plan.

(f) "PaDEP" - Pennsylvania Department of Environmental Protection.

(g) "Person" - An individual, partnership, corporation, association, institution, cooperative enterprise, municipal authority, Federal Government or agency, State institution and agency including, but not limited to, the Department of General Services and the State Public School Building Authority or an other legal entity which is recognized by law as the subject of rights and duties. In the provisions of this article pertaining to a fine or a penalty, the term includes the officers and directors of a corporation or other legal entity having officers and directors.

(h) "Plan" - The municipal waste management plan for the City submitted by the City for approval by PaDEP.

(i) "Portable Boxes" - are containers which are placed by a hauler for the purpose of accumulating waste so as to be bulk transferred to a packer truck and where the box is returned to the original position before transporting the waste to a disposal site.

(j) "Recycling" - The collection, separation, recovery and sale or reuse of metals, glass, paper, plastics and other materials which would otherwise be disposed or processed as municipal waste.

(k) "Residential" - Shall be any dwelling in a group of four (4) dwelling units or less.

(l) "Residual Waste" - Any garbage, refuse, other discarded material or other waste including solid, liquid, semisolid, or contained gaseous materials resulting from industrial, mining and agricultural operations and any sludge from an industrial, mining or agricultural water supply treatment facility, wastewater treatment facility or air pollution control facility, provided that it is not hazardous. The term "residual waste" shall not include coal refuse as defined in the "Coal Refuse Disposal control Act" "Residual Waste" shall not include treatment sludges from coal mine drainage treatment plants, disposal of which is being carried on pursuant to and in compliance with a valid permit issued pursuant the "Clean Streams Law".

(m) "Rolloff Containers" - are large containers which are placed by a hauler for the purpose of accumulating waste which is then picked up and rolled on a specially framed truck rack in its entirety and transported to and emptied at a disposal site.

(n) "Source Separation" - The segregation and collection, prior to delivery to a point on entry into the municipal waste system, of materials for the sole purpose of recycling.

935.02 DIRECTOR OF COMMUNITY AND ECONOMIC DEVELOPMENT TO REGULATE COLLECTION DISPOSAL.

The Director of Community and Economic Development or his designee shall formulate and regulate all aspects of the municipal waste collection, transportation and disposal from the point of origin to place of disposal. The Director shall formulate and promulgate all aspects for the minimum standards to be observed for the collection vehicles, transportation and disposal. Such standards shall be observed and in force by all collectors and haulers and shall be filed in the Office of the City Clerk and the Department of Community and Economic Development. Any violation of these ordinances shall be deemed a violation of this Article.

935.03 LICENSING OF HAULERS.

(a) Any hauler of municipal waste and/or residual waste who collects such waste whether residential, industrial and/or commercial within the City limits shall have a license to conduct such business. The license shall be obtained from and issued by the Department of Community and Economic Development. Any hauler of residential or commercial recyclable commingled materials who collects such materials within the City limits shall have a license to conduct such business.

(b) The license fee shall be issued and renewed annually. The fee for the license shall be \$500 each year.

(c) The license application shall include a list of all vehicles the hauler intends to use to collect and transport waste within the City limits. Each listed vehicle must receive and exhibit in plain sight on the vehicle an inspection sticker issued by the City. The purpose of such inspection is to assure the City and its residents that the vehicle and its waste containers are environmentally safe. The fee for such inspection shall be \$25.00 per vehicle. The City shall be permitted to reinspect any licensed vehicle at any time.

(1) The inspection shall not infringe on or supersede the vehicle inspection performed as a requirement of the Motor Vehicle Codes of the Commonwealth of Pennsylvania; however, the inspection shall be primarily involved with environmental issues related to the municipal waste carrying containers and those mechanisms necessary to make the containers function.

(2) The inspection shall be performed at a site designated by the City.

(3) Should a vehicle fail the inspection, the hauler shall have not more than ten (10) days to repair the vehicle and pass a reinspection. Should such vehicle not pass reinspection within the ten (10) day period, the vehicle shall not be permitted to operate in the City until such vehicle passes reinspection.

(4) Should a hauler request inspection after the ten (10) day period and provide the city with sufficient evidence that the necessary repairs have been completed, the vehicle shall be permitted to be reinspected. Should the vehicle fail the reinspection, it shall not be permitted to operate in the City until such vehicle passes reinspection. Each reinspection under this Article shall be subject to a \$25.00 fee.

(d) Each hauler shall be required to provide the pricing structure charged the residents of the City at the time of annual licensing. Should any pricing change be made during the year by a hauler, it shall be reported within thirty (30) days to the Department of Community and Economic Development.

(e) Any hauler having a license to collect municipal waste in the City or any vehicle of a licensed hauler shall be subject to having the license and/or vehicle permit revoked for violation of any of the rules, regulations or ordinances related to the collection, transportation and disposal of municipal solid waste.

(f) Any hauler of municipal waste or any other kind of waste including residual and hazardous waste who transports such waste within the City limits in an environmentally unsafe manner shall be subject to the penalties of this Article.

(g) Any industry or commercial business located in the City of Bethlehem using its own or leased vehicle(s) to haul or transport municipal waste or any other kind of waste from its facility to a landfill or any other disposal location shall be required to obtain a license in accordance with Article 935.03 (b) however the fee for the license shall be waived. The inspection and payment of the \$25.00 per vehicle fee shall be required in accordance to Article 935.03(c). All open vehicles, containers transported in open vehicles and/or all roll-off containers used in the transportation of municipal or residual waste or recyclable materials will be tightly tarped or covered at all times during said transportation.

935.04 TIME AND FREQUENCY OF COLLECTION.

(a) Residential collection shall be on a six (6) day week basis (Monday through Saturday) and shall take place between the hours of 6:00 A.M. and 4:00 P.M. Collection shall be made at least once a week, but not more than twice per week.

(b) Commercial collection may be on a seven (7) day a week basis and shall take place between the hours of 6:00 A.M. and 4:00 P.M., except that Sunday collection shall only take place between the hours of 8:00 A.M. and 12:00 Noon.

935.05 ROLLOFF CONTAINERS AND PORTABLE BOXES

(a) All rolloff containers that are placed within the corporate limits of the City of Bethlehem for the purpose of collecting waste to be transported to a disposal site shall require a permit issued by the Department of Community and Economic Development. All such permits shall be issued annually on or before January 1st of each year by application. If a new container is acquired by a vendor, it shall have a permit before placement in the City. A temporary permit may be issued for short term placement not exceeding 15 days. No inspection is required for roll-off containers, however, the container may be subject to an inspection. Should it be observed that the container is found to be in poor condition, it shall have its permit revoked and it must be removed within 24 hours. The fee of annual rolloff permits shall be one dollar (\$1.00) per container and there shall be no fee for the temporary permit.

(b) All portable boxes that are placed within the corporate limits of the City of Bethlehem for the purpose of collecting waste to be transferred to a packer truck for disposal at a disposal site shall require a permit issued by the Department of Community and Economic Development. All such permits shall be issued annually on or before January 1st each of each year by application. If a new container is placed at any location within the City, it shall have a permit before placement. A temporary permit may be issued for short term placement not exceeding fifteen (15) days. No inspection is required for portable boxes however the box may be subject to inspection should it be observed that the box is not in good repair or be emitting liquids. If the box is found to be in poor condition, it shall have its permit revoked and the box be removed within 24 hours. The fee of all annual portable box permits shall be fifty cents (\$0.50) per box and there shall be no fee for the temporary permits.

(c) All Rolloff containers and portable boxes shall be clearly marked with the vendor's name, who owns and/or provides the hauling service.

935.06 SEVERABILITY.

If any section, subsection, sentence, clause, phrase or portion of this Article is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision and such holding shall not affect the validity of the remaining portions hereof.

935.07 PENALTIES AND ENFORCEMENT.

(a) Any person who violates any provision of this Article shall be subject to the following penalties:

(1) First Violation - A fine of \$200, or thirty days imprisonment, or both;

(2) Second Violation - A fine of \$500, or sixty days imprisonment, or both;

(3) Third and Subsequent Violations - A fine of \$1,000, or ninety days imprisonment, or both;

(b) Each continuing day of violation of this Ordinance shall constitute a separate offense.

(c) Loss of license may also occur as described in this Article 935.04(e).

(d) The Director of Community and Economic Development is hereby granted the power to designate those having the power to enforce this Article and issue citations.

(Ord. 3302. Passed 12/5/89.)

(Ord. 3628. Passed 8/23/94.)

(Ord. 3986. Passed 12/21/99.)

These ordinances are occasionally revised or changed by City Council at official and open public meetings. Every effort is made to keep this website up to date. However, there may be a short period of time between City Council changing an ordinance and the revised ordinance being posted on this site. If you have any questions about the status of a particular ordinance, please call the City Clerk's office at (610) 865-7130.

**Sample Letter for Businesses and
Haulers for Recycling Reporting**

December __ , 201__

TO: Recyclers and Recycling Haulers

FROM: Municipality

SUBJECT: 201__ Recycling Haulers and Customers Verification Report

Enclosed you will find the Municipality **Recycling Hauler and Customer Verification Report** form for the year ending December 31, 201__. If available, you may use your in-house report to the extent that it provides the same information. Please report by customer the quantity of materials recycled.

ALL INFORMATION RECEIVED IS KEPT STRICTLY CONFIDENTIAL. You must keep copies of weight records on file for a period of not less than 5 years. These records may be subject to inspection.

Please note there is a section for residue percentage rates. This figure should represent the average amount(s) of contamination you receive when collecting various materials from your customers. Your processor should be able to provide an average for your materials, if this information is not currently available to you. By providing these rates now, you will eliminate the need for us to contact you later.

If you need assistance or have any questions please feel free to call me at _____.
Thank you for your participation and cooperation.

Sincerely,

December , 201__

Business
Address
City, State Zip

Dear ,

Attached please find a copy of your 201__ Commercial Reporting Form, for recyclable materials, which were recycled by your company during the 201__ calendar year. Please include your company name, service address, name of recycling collector or processor, materials recycled, weight, by ton, of materials recycled and **a copy of the weight ticket or report from your recycler**. In addition, please provide information on the amount of residue included in your recyclables, as reported by your contractor. This information can be obtained from your recyclable hauler or processor.

By adequately reporting your recycling activities you will assist us in applying for new or additional performance grants, through the Department of Environmental Protection.

Please feel free to contact me with any questions regarding your reporting requirements.

Sincerely,

Form FM-11, FM-12 and FM-13

Annual Recycling Report Instructions for Form FM-11, FM-12 or FM-13

COMPLETE ONLY ONE OF THE RECYCLING REPORT FORMS!

HOW TO DECIDE WHICH REPORT TO SUBMIT:

Act 101 Compliance Report for Commercial, Municipal or Institutional Establishment:

- A. Complete **Form FM-11** and submit to the municipality where you are located.

OR

- B. If you are a retail establishment with multiple store locations that coordinates recycling collection and markets materials through corporate headquarters, complete **Form FM-13** and submit to the county where your stores are located.

IMPORTANT! Ensure you have discussed this with the county and they have agreed to accept your recycling data at the county level. It will be the responsibility of the county to provide the tonnages to the municipalities.

Waste and/or Recycling Hauler:

- A. Complete **Form FM-12** and submit to the municipality where you collected recyclables.

OR

- B. Complete **Form FM-13** and submit to the county where you collected recyclables.

IMPORTANT! Ensure you have discussed this with the county and they have agreed to accept your recycling data at the county level. It will be the responsibility of the county to provide the tonnages to the municipalities.

Document Destruction Company:

- A. Complete **Form FM-12** and submit to the municipality where you collected recyclables.

OR

- B. Complete **Form FM-13** and submit to the county where you collected recyclables.

IMPORTANT! Ensure you have discussed this with the county and they have agreed to accept your recycling data at the county level. It will be the responsibility of the county to provide the tonnages to the municipalities.

Other Company Transporting Recyclables (retail establishment with multiple store locations; broker; processor; other company transporting recyclables generated in Pennsylvania):

- A. Complete **Form FM-12** and submit to the municipality where you collected recyclables.

OR

- B. Complete **Form FM-13** and submit to the county where you collected recyclables.

IMPORTANT! Ensure you have discussed this with the county and they have agreed to accept your recycling data at the county level. It will be the responsibility of the county to provide the tonnages to the municipalities.

**This report is due on or before February 1 of each year, covering the period
January 1 to December 31 of the preceding year.**

FM-11

ACT 101 RECYCLING COMPLIANCE REPORT INSTRUCTIONS CHECKLIST

For Commercial, Municipal, Institutional Facilities

This form is to be completed by commercial, municipal or institutional establishments in PA.

Commercial Establishment: An establishment engaged in non-manufacturing or non-processing business, including, but not limited to, stores, markets, office buildings, medical offices, restaurants, shopping centers and theaters.

Municipal Establishment: An establishment engaged in government work including, but not limited to, offices of the federal government, state government, cities, boroughs, incorporated towns, townships, counties and authorities.

Institutional Establishment: An establishment engaged in service including, but not limited to, hospitals, nursing homes, orphanages, schools and universities.

The information on this form will be used by the municipality where you are located to gauge your compliance with their recycling ordinance (if they have one) and to complete a recycling performance grant. The materials listed on the first page may be required by local ordinance to be recycled and, with the exception of the organics, can be used for the municipal recycling performance grant. The materials listed on the second page are common materials recycled, but they are not usually required to be recycled by local ordinance and cannot be used for the municipal recycling performance grant.

Please use the following checklist to complete form FM-11:

- ☐ Insert the current reporting year (upper right-hand corner of form).
- ☐ Insert the county and municipality where your establishment is located.
- ☐ Complete the information about your business. Please choose a primary business function which best describes your establishment. For instance:
 - Manufacturing
 - Office/Administrative Services (i.e. realtor, bank, insurance agent, etc.)
 - Wholesale/Retail
 - Institution (i.e. school, hospital, nursing home, etc.)
 - Government
 - Medical office (i.e. dentist, doctor, chiropractor, etc.)
 - Other - explain in your own words
- ☐ Check which best describes how recyclables are handled within your establishment. The definitions are as follows:
 - Source separated - all recyclables are kept separated from each other,
 - Commingled - two or more recyclables are collected together but fiber (i.e., paper & cardboard) is kept separate.
 - Single stream - all recyclables, including fiber, are collected together.
- ☐ Check which best describes how your recyclable materials are collected.
 - If another company transports the recyclables from your location, please include the name of the hauler, document destruction company or other transporter in the space provided.
 - If you transport your recyclables to a drop-off facility or take the materials to be recycled with a curbside recycling program, please note the name and location of the drop-off or curbside program in the space provided.

If any of the above scenarios fits your situation no tonnages should be reported on this form. However, you must place a check mark beside the materials your establishment recycles in order for the municipality to know if you are in compliance with their recycling ordinance.

- If you transport your recyclables to a recycling facility or other facility where the materials are weighed, please note the name of the recycling facility or other facility.

☐ Place a check beside the materials your establishment recycles.

Report only post-consumer materials on this form. Post-consumer material is material that has been used as a consumer item and then diverted from municipal solid waste for the purpose of collection and recycling. The term excludes material generated in manufacturing and converting processes such as manufacturing scrap and trimmings/cuttings. Also, print overruns, over-issue publications, and obsolete inventories that did not leave the generating facility would be classified as pre-consumer materials and should **not** be reported on this form.

If you do not transport your own recyclables, do not enter tonnages on this form and skip over the boxed section of the instructions below! The weights will be retrieved from the company providing recycling services to you; therefore it is very important you name the company providing the recycling services.

☐ If you deliver your recyclables yourself, enter the tonnage of each material recycled. **Do not report tonnages if you have another company collecting your recyclables.** Tonnages must be entered if you transport the materials yourself to a recycling facility where the materials are weighed. **It is very important you name the company providing recycling services.**

☐ **You must attach a legible weight ticket from your recycler for any materials recycled on page 1.**

Subtract processing residue before entering your tonnages on this form. Processing residue is material that is collected and weighed with recyclables, but is disposed rather than recycled. The recycling facility can provide you with the % processing residue they produce at their facility. Processing residues vary greatly – from 1% to 30%. You need to ask your recycler to tell you the % of material discarded from their facility and subtract that % from your weight ticket amount. **Do not report processing residues on this form.**

If you deliver your materials commingled or single stream, please check the appropriate boxes to note the recyclable materials in the mix, but only enter the tonnage beside commingled or single stream. Do not estimate tonnages of each individual recyclable material in the commingled or single stream mix.

☐ Use the conversion chart on page 2 as necessary.

☐ Sign and date the form.

☐ Submit to the municipality where you are located by February 1st.

| | | |
|-----------------------------|---|--|
| Form FM-11 Rev. 10/30/14 | ACT 101 RECYCLING COMPLIANCE REPORT For Commercial, Municipal, Institutional Facilities | For the period: Jan. 1, 20__ to Dec. 31, 20__ Due: February 1, 20__ To: Insert Municipal Contact Info Here |
| County Name: | | Municipality Name: |
| Name of Establishment: | | |
| Address: | City: | Zip Code: |
| Email: | Telephone: | Fax: |
| Primary Business Function: | | |

How does your establishment handle recyclable materials? ☐ Source-separated ☐ Commingled ☐ Single Stream

How are your recyclable materials collected?

- ☐ Collected by recycling facility or broker (name): _____
- ☐ Collected by private hauler (name): _____
- ☐ Collected by confidential document destruction company (name): _____
- ☐ Establishment delivers materials to drop-off or curbside program (location): _____

If any of the above methods are used to collect your recyclable materials, do not include weights in the list below. Actual weights will be retrieved from your service provider or drop-off facility.

- ☐ Establishment delivers materials to recycling facility (name): _____
- ☐ Other (please specify): _____

- CHECK the box in front of each **post-consumer*** material that your establishment recycled.
- If your establishment marketed your own recyclables, enter the weight in tons and **attach a legible weight ticket from your recycler**. Subtract **processing residue**** before entering your weights below.
- CHECK the box in front of each post-consumer material recycled at your establishment.
- If you market the recyclables yourself, enter the weight (in tons) of material recycled.
- If you use a commingled or single stream collection system, check the boxes beside each material in the mix.

| <u>Material Type</u> | <u>Weight</u> |
|---|---------------|
| <input type="checkbox"/> Single Stream: [SS1] _____ (all recyclables, including fiber, collected together) | |
| <input type="checkbox"/> Commingled: [XXX] _____ (two or more materials collected together, fiber separate) | |
| Glass Bottles and Jars: | |
| <input type="checkbox"/> Glass: Clear [GL1] _____ | |
| <input type="checkbox"/> Glass: Mixed [GL2] _____ | |
| <input type="checkbox"/> Glass: Green [GL3] _____ | |
| <input type="checkbox"/> Glass: Brown [GL4] _____ | |
| <input type="checkbox"/> Glass: Plate [GL5] _____ | |
| <input type="checkbox"/> Glass: Other [GL6] _____ | |
| Paper: | |
| <input type="checkbox"/> Paper: Cardboard [C01] _____ | |
| <input type="checkbox"/> Paper: Brown Bags & Sacks [C02] _____ | |
| <input type="checkbox"/> Paper: Gabled/Aseptic Cartons [C03] _____ | |
| <input type="checkbox"/> Paper: Magazines & Catalogs [PA1] _____ | |
| <input type="checkbox"/> Paper: Newsprint / Newspaper [PA2] _____ | |
| <input type="checkbox"/> Paper: Mixed / Other Paper [PA3] _____ Grades (junk mail, paperboard, etc.) | |
| <input type="checkbox"/> Paper: Office Paper (all high grades) [PA4] _____ | |
| <input type="checkbox"/> Paper: Phone Books [PA6] _____ | |
| <input type="checkbox"/> Drum: Fiber [DR3] _____ | |

| <u>Material Type</u> | <u>Weight</u> |
|---|---------------|
| Plastics: | |
| <input type="checkbox"/> Plastic: PET [PL1] _____ | |
| <input type="checkbox"/> Plastic: HDPE [PL2] _____ | |
| <input type="checkbox"/> Plastic: PVC [PL3] _____ | |
| <input type="checkbox"/> Plastic: LDPE [PL4] _____ | |
| <input type="checkbox"/> Plastic: PP [PL5] _____ | |
| <input type="checkbox"/> Plastic: PS [PL6] _____ | |
| <input type="checkbox"/> Plastic: MIXED / OTHER [PL7] _____ | |
| <input type="checkbox"/> Plastic: FILM [PL8] _____ | |
| <input type="checkbox"/> Plastic: DRUM (high molecular weight HDPE) [DR1] _____ | |
| <input type="checkbox"/> Plastic: DRUM (mixed bulky rigid) [DR4] _____ | |
| Metals: | |
| <input type="checkbox"/> Aluminum Cans [AA1] _____ | |
| <input type="checkbox"/> Steel / Bimetallic / Tin Cans [F02] _____ | |
| <input type="checkbox"/> Mixed Cans [MX2] _____ | |
| <input type="checkbox"/> Aluminum Scrap [AA2] _____ | |
| <input type="checkbox"/> Ferrous Metals [F01] _____ | |
| <input type="checkbox"/> Non-Ferrous Metals [N01] _____ | |
| <input type="checkbox"/> Copper [N02] _____ | |
| <input type="checkbox"/> Brass [N03] _____ | |
| <input type="checkbox"/> Lead [N04] _____ | |
| <input type="checkbox"/> Stainless Steel [N05] _____ | |
| <input type="checkbox"/> Nickel [N10] _____ | |

***Report only post-consumer materials on this form.** Post-consumer material: Material that has been used as a consumer item and then diverted from municipal solid waste for the purpose of collection and recycling. The term excludes material generated in manufacturing and converting processes such as manufacturing scrap and trimmings/cuttings. Also, print overruns, overissue publications, and obsolete inventories that did not leave the generating facility would be classified as pre-consumer materials and should **not** be reported on this form.

****Processing residue:** Material that is collected and weighed with recyclables, but is disposed rather than recycled.

| <u>Material Type</u> | <u>Weight</u> |
|---|---------------|
| Metals Continued: | |
| <input type="checkbox"/> Aluminum Cans | [AA1] _____ |
| <input type="checkbox"/> Steel / Bimetallic / Tin Cans | [F02] _____ |
| <input type="checkbox"/> Mixed Cans | [MX2] _____ |
| <input type="checkbox"/> Aluminum Scrap | [AA2] _____ |
| <input type="checkbox"/> Ferrous Metals | [F01] _____ |
| <input type="checkbox"/> Non-Ferrous Metals | [N01] _____ |
| <input type="checkbox"/> Copper | [N02] _____ |
| <input type="checkbox"/> Brass | [N03] _____ |
| <input type="checkbox"/> Lead | [N04] _____ |
| <input type="checkbox"/> Stainless Steel | [N05] _____ |
| <input type="checkbox"/> Nickel | [N10] _____ |
| <input type="checkbox"/> Wire / Cable | [W01] _____ |
| <input type="checkbox"/> Mixed Metals (includes drum steel) | [MM1] _____ |
| <input type="checkbox"/> White Goods | [F03] _____ |
| Household/Commercial Hazardous Waste: | |
| <input type="checkbox"/> Antifreeze | [O02] _____ |
| <input type="checkbox"/> Batteries: Lead Acid | [B01] _____ |
| <input type="checkbox"/> Batteries: Other | [B02] _____ |
| <input type="checkbox"/> E-Waste (includes TV) | [CR1] _____ |
| <input type="checkbox"/> Fluorescent Tubes/CFLs | [FL1] _____ |
| <input type="checkbox"/> Used Oil | [OL2] _____ |
| <input type="checkbox"/> Oil Filters | [OL3] _____ |
| <input type="checkbox"/> Other Commercial HW (paints, varnish, pesticides, etc.) | [CHW] _____ |
| <input type="checkbox"/> Other Household HW (paints, varnish, pesticides, etc.) | [HHW] _____ |
| Other Recyclables: | |
| <input type="checkbox"/> Asphalt | [ASP] _____ |
| <input type="checkbox"/> Rubber Tires | [M01] _____ |
| <input type="checkbox"/> Construction & Demolition | [M02] _____ |
| <input type="checkbox"/> Clothing / Textiles | [M03] _____ |
| <input type="checkbox"/> Furniture & Furnishings | [M04] _____ |
| <input type="checkbox"/> Mattresses | [MT1] _____ |
| <input type="checkbox"/> Misc. / Other Consumer Items | [MIS] _____ |
| Organics: | |
| <input type="checkbox"/> Source Separated Food | [SSF] _____ |
| <input type="checkbox"/> Wood Waste | [WW1] _____ |
| <input type="checkbox"/> Yard & Leaf Waste | [Y01] _____ |

| Conversion Chart | |
|---------------------------------|--|
| Antifreeze: | 7.2 lbs per gallon |
| Battery – Lead Acid: | Car = 17.8 lbs Truck = 48.7 lbs Motorcycle = 8.7 lbs |
| Rubber Tires: | Car = 21 lbs Truck = 70 lbs |
| Used Oil: | 7.2 lbs per gallon |
| Oil Filters: | 1.2 lbs each |
| Glass – Whole Bottle: | 1 ton = 2 yds ³ |
| Newsprint – Loose: | 1 ton = 3 yds ³ |
| Corrugated Cardboard: | 2.5' x 4' x 5' bale = 1100 lbs |
| Plastic Soda Bottles | |
| Whole, Loose: | 30 lbs = 1 yd ³ |
| Plastic Film: | 2.5' x 4' x 5' bale = 1500 lbs |
| Solid & Liquid Fats: | 55 gallon drum = 412 lbs |
| White Goods | |
| Freezers: | 1 = 250 lbs |
| Refrigerators: | 1 = 250 lbs |
| Other Appliances: | 1 = 150 lbs |
| Yard Waste | |
| Leaves: | 4 yd ³ = 1 ton |
| Grass Clippings: | 2 yd ³ = 1 ton |
| Wood Chips: | 1 yd ³ = 500 lbs |

**SUBMIT REPORT
TO MUNICIPALITY
BY FEB 1st!**

*Your accurate and timely
reporting enables the County and
the State to determine an
accurate recycling rate and
showcase the importance and
viability of the recycling industry.*

I certify, to the best of my knowledge, that the information on this form is complete and accurate. I further authorize the Municipality to aggregate this report for DEP reporting purposes. If a legible weight ticket is attached, this report may also be used for DEP grant purposes.

Authorized Representative

Title

Signature

Date

ANNUAL RECYCLING REPORT for CALENDAR YEAR _____

County: _____ Municipality: _____

Contact Information

Name: _____ Address: _____

Phone Number: _____ Email: _____

Web site: _____

Curbside Program:

| | |
|--------------------------|--------------------------|
| Yes | No |
| <input type="checkbox"/> | <input type="checkbox"/> |

Leaf waste program:

| | |
|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> |
|--------------------------|--------------------------|

Mandated by Ordinance:

| | |
|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> |
|--------------------------|--------------------------|

Collection Frequency: _____ x Month

Materials Collected: _____

Pay as you Throw:

| | |
|--------------------------|--------------------------|
| Yes | No |
| <input type="checkbox"/> | <input type="checkbox"/> |

Drop-off Program:

| | |
|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> |
|--------------------------|--------------------------|

Number of Drop-off sites:

| |
|----------------------|
| <input type="text"/> |
|----------------------|

List site locations and materials:

street address city zip

1) Location: _____

Material: _____

2) Location: _____

Material: _____

3) Location: _____

Material: _____

Please attach any additional information you may have.

Who collects materials?

| Private Subscription | Municipality | Contract Hauler |
|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| RECYCLABLES: (Convert all volumes to TONS) | Code | Residential (Curbside) | Residential (Drop-Off) | Commercial, Municipal, Institutional (Curbside) | Commercial, Municipal, Institutional (Drop-Off) |
|---|------|------------------------|------------------------|---|---|
| SINGLE STREAM (all recyclables, including fiber, collected together) | SS1 | | | | |
| COMMINGLED (two or more recyclables collected together, fiber separate) | XXX | | | | |
| GLASS: | | | | | |
| GLASS: CLEAR | GL1 | | | | |
| GLASS: MIXED | GL2 | | | | |
| GLASS: GREEN | GL3 | | | | |
| GLASS: BROWN | GL4 | | | | |
| GLASS: PLATE | GL5 | | | | |
| GLASS: OTHER | GL6 | | | | |
| PAPER: | | | | | |
| PAPER: CARDBOARD | C01 | | | | |
| PAPER: BROWN BAGS & SACKS | C02 | | | | |
| PAPER: GABLED / ASEPTIC CARTONS | C03 | | | | |
| PAPER: MAGAZINES & CATALOGS | PA1 | | | | |
| PAPER: NEWSPRINT / NEWSPAPER | PA2 | | | | |
| PAPER: MIXED / OTHER PAPER GRADES | PA3 | | | | |
| PAPER: OFFICE PAPER (all high grades) | PA4 | | | | |
| PAPER: PHONE BOOKS | PA6 | | | | |
| PAPER: DRUM FIBER | DR3 | | | | |
| PLASTICS: | | | | | |
| PLASTIC: PET (polyethylene terephthalate) | PL1 | | | | |
| PLASTIC: HDPE (high density polyethylene) | PL2 | | | | |
| PLASTIC: PVC (unplasticized & plasticized polyvinyl chloride) | PL3 | | | | |
| PLASTIC: LDPE (low density polyethylene) | PL4 | | | | |

| RECYCLABLES: (Convert all volumes to TONS) | Code | Residential (Curbside) | Residential (Drop-Off) | Commercial, Municipal, Institutional (Curbside) | Commercial, Municipal, Institutional (Drop-Off) |
|--|-------------|-----------------------------------|-----------------------------------|--|--|
| PLASTIC: PP (polypropylene) | PL5 | | | | |
| PLASTIC: PS (polystyrene) | PL6 | | | | |
| PLASTIC: MIXED / OTHER | PL7 | | | | |
| PLASTIC: FILM | PL8 | | | | |
| PLASTIC: DRUM (high molecular weight HDPE) | DR1 | | | | |
| PLASTIC: DRUM (mixed bulky rigid) | DR4 | | | | |
| | | | | | |
| | AA1 | | | | |
| STEEL / BIMETALLIC / TIN CANS | F02 | | | | |
| MIXED CANS | MX2 | | | | |
| ALUMINUM SCRAP | AA2 | | | | |
| FERROUS METALS | F01 | | | | |
| NON-FERROUS METALS | N01 | | | | |
| COPPER | N02 | | | | |
| BRASS | N03 | | | | |
| LEAD | N04 | | | | |
| STAINLESS STEEL | N05 | | | | |
| NICKEL | N10 | | | | |
| WIRE / CABLE | W01 | | | | |
| MIXED METALS (includes drum steel) | MM1 | | | | |
| WHITE GOODS | F03 | | | | |
| HOUSEHOLD/COMMERCIAL HAZARDOUS WASTE | | | | | |
| ANTIFREEZE | O02 | | | | |
| BATTERIES (lead acid) | B01 | | | | |
| BATTERIES (other household) | B02 | | | | |
| E-WASTE (includes televisions) | CR1 | | | | |
| FLUORESCENT TUBES / CFLs | FL1 | | | | |
| USED OIL | OL2 | | | | |
| OIL FILTERS | OL3 | | | | |
| OTHER COMMERCIAL HW (hazardous waste - paints, varnishes, pesticides, etc.) | CHW | | | | |
| OTHER HOUSEHOLD HW (hazardous waste - paints, varnishes, pesticides, etc.) | HHW | | | | |
| OTHER RECYCLABLES: | | | | | |
| ASPHALT | ASP | | | | |
| RUBBER TIRES | M01 | | | | |
| CONSTRUCTION & DEMOLITION | M02 | | | | |
| CLOTHING / TEXTILES | M03 | | | | |
| FURNITURE / FURNISHINGS | M04 | | | | |
| MATTRESSES | MT1 | | | | |
| MISCELLANEOUS / OTHER CONSUMER ITEMS | MIS | | | | |
| ORGANICS: | | | | | |
| SOURCE SEPARATED FOOD | SSF | | | | |
| WOOD WASTE | WW1 | | | | |
| YARD & LEAF WASTE: (Leaves: 1 ton = 4 cu. yd; Grass Clippings: 1 ton = 2 cu. yd) | Y01 | | | | |
| TOTALS | | | | | |

FM-12

ANNUAL RECYCLING REPORT INSTRUCTIONS CHECKLIST

**For a Waste and/or Recycling Hauler, a Document Destruction Company,
a Retail Establishment with Multiple Store Locations; a Broker, a Processor,
or Other Company Transporting Recyclables Generated in PA**

This form is to be completed by a waste and/or recycling hauler, a document destruction company, a retail establishment with multiple store locations; a broker, a processor, or other company transporting recyclables generated in PA.

Information on this form will be used by the municipality to submit an annual recycling report to the county where they are located. This annual recycling report is required by state law.

Information on this form may also be used by the municipality to complete a municipal recycling performance grant.

The materials listed on the first page may be required by local ordinance to be recycled and, with the exception of the organics, can be used for the municipal recycling performance grant. The materials listed on the second page are common materials recycled, but they are not usually required to be recycled by local ordinance and cannot be used for the municipal recycling performance grant.

Please use the following checklist to complete form FM-12:

- ☐ Insert the current reporting year (upper right-hand corner of form).
- ☐ Provide your company name, mailing address, e-mail address, telephone and fax number.
- ☐ Enter the municipality where you provided the recycling services.
- ☐ Enter the county where this municipality is located.
- ☐ Enter the tonnage of each material you collected for recycling within the municipality. Separate the tonnages as best you can, by the following three categories:
 - Residential - includes recyclables from households, condominiums, apartment complexes and townhouses
 - Commercial/Municipal/Institutional Establishments
 - Commercial Establishment: An establishment engaged in non-manufacturing or non-processing business, including, but not limited to, stores, markets, office buildings, medical offices, restaurants, shopping centers and theaters.
 - Municipal Establishment: An establishment engaged in government work including, but not limited to, offices of the federal government, state government, cities, boroughs, incorporated towns, townships, counties and authorities.
 - Institutional Establishment: An establishment engaged in service including, but not limited to, hospitals, nursing homes, orphanages, schools and universities.
 - Drop-off Locations

Do not report processing residues on this form. Subtract processing residue before entering your tonnages on this form. Processing residue is material that is collected and weighed with recyclables, but is disposed rather than recycled. The recycling facility can provide you with the % processing residue they produce at their facility. Processing residues vary greatly – from 1% to 30%. You need to ask your recycler to tell you the % of material discarded from their facility and subtract that % from your weight ticket amount.

Report only post-consumer materials on this form. Post-consumer material is material that has been used as a consumer item and then diverted from municipal solid waste for the purpose of collection and recycling. The term excludes material generated in manufacturing and converting processes such as manufacturing scrap and trimmings/cuttings. Also, print overruns, over-issue publications, and obsolete inventories that did not leave the generating facility would be classified as pre-consumer materials and should **not** be reported on this form.

If you collect materials commingled or single stream, please check the appropriate boxes to note the recyclable materials in the mix, but **only enter the tonnage beside commingled or single stream. Do not estimate tonnages of each individual recyclable material in the commingled or single stream mix.**

- Source separated - all recyclables are kept separated from each other.
- Commingled - two or more recyclables are collected together but fiber (paper & cardboard) is kept separate.
- Single stream - all recyclables, including fiber, are collected together.

- ☐ Enter the name of the processing facility or market where the recyclable materials were delivered.
- ☐ Complete the tonnages for the materials on page 2.
- ☐ Use the conversion chart below as necessary.
- ☐ Enter the total tons of processing residue or processing residue rate used to calculate reported tonnages.
- ☐ Enter the total tons of solid waste collected within this municipality, if required by the municipality. This information is usually required of haulers who have a municipal waste collection services contract. If you do not have a municipal contract, this information may not be required.
- ☐ Sign and date the form.
- ☐ Submit to the municipality where you provided recycling collection services by February 1st.

Conversion Chart

| | |
|---------------------------------|--|
| Antifreeze: | 7.2 lbs per gallon |
| Battery – Lead Acid: | Car = 17.8 lbs Truck = 48.7 lbs Motorcycle = 8.7 lbs |
| Rubber Tires: | Car = 21 lbs Truck = 70 lbs |
| Used Oil: | 7.2 lbs per gallon |
| Oil Filters: | 1.2 lbs each |
| Glass – Whole Bottle: | 1 ton = 2 yds ³ |
| Newsprint – Loose: | 1 ton = 3 yds ³ |
| Corrugated Cardboard: | 2.5' x 4' x 5' bale = 1100 lbs |
| Plastic Soda Bottles | |
| Whole, Loose: | 30 lbs = 1 yd ³ |
| Plastic Film: | 2.5' x 4' x 5' bale = 1500 lbs |
| Solid & Liquid Fats: | 55 gallon drum = 412 lbs |
| White Goods | |
| Freezers: | 1 = 250 lbs |
| Refrigerators: | 1 = 250 lbs |
| Other Appliances: | 1 = 150 lbs |
| Yard Waste | |
| Leaves: | 4 yd ³ = 1 ton |
| Grass Clippings: | 2 yd ³ = 1 ton |
| Wood Chips: | 1 yd ³ = 500 lbs |

| | | |
|-----------------------------|--|--|
| Form FM-12 Rev. 10/30/14 | ANNUAL RECYCLING REPORT For Waste/Recycling Hauler, Document Destruction Company, or Other Company Transporting Recyclables Generated in PA | For the period: Jan. 1, 20__ to Dec. 31, 20__ Due: February 1, 20__ To: Insert Municipal Contact Info Here |
| Collector Name: _____ | | |
| Address: _____ | City: _____ | Zip Code: _____ |
| Email: _____ | Telephone: _____ | Fax: _____ |

Please complete **one form for each municipality** where you collected recyclables.

Municipality: _____ County: _____

1. CHECK the box in front of each post-consumer* material that you collected for recycling from the municipality above.
2. ENTER the weight (in tons) of material recycled in the correct column. Subtract processing residue.**

| ACT 101 Recyclable Material Type (see page 2 for Other Recyclables) | [] | Resi- dential Tons*** | Res. Drop-Off Tons *** | Commercial/ Institutional Tons | Com. Drop-Off Tons | Name of Processing Facility or Market |
|--|-------|-----------------------------|------------------------------|--------------------------------------|--------------------------|--|
| Single Stream: | [SS1] | | | | | |
| Commingled: | [XXX] | | | | | |
| Note: If commingled or single stream collection system, check the boxes below for each material in the mix. | | | | | | |
| GLASS BOTTLES & JARS: | | | | | | |
| <input type="checkbox"/> Glass: Clear | [GL1] | | | | | |
| <input type="checkbox"/> Glass: Mixed | [GL2] | | | | | |
| <input type="checkbox"/> Glass: Green | [GL3] | | | | | |
| <input type="checkbox"/> Glass: Brown | [GL4] | | | | | |
| PAPER: | | | | | | |
| <input type="checkbox"/> Paper: Cardboard | [C01] | | | | | |
| <input type="checkbox"/> Paper: Brown bags & sacks | [C02] | | | | | |
| <input type="checkbox"/> Paper: Gabled/Aseptic Cartons | [C03] | | | | | |
| <input type="checkbox"/> Paper: Magazines/Catalogs | [PA1] | | | | | |
| <input type="checkbox"/> Paper: Newsprint/Newspaper | [PA2] | | | | | |
| <input type="checkbox"/> Paper: Mixed/Other Paper Grades (junk mail, chipboard, etc.) | [PA3] | | | | | |
| <input type="checkbox"/> Paper: Office Paper (all high grades) | [PA4] | | | | | |
| <input type="checkbox"/> Paper: Phone Books | [PA6] | | | | | |
| PLASTICS: | | | | | | |
| <input type="checkbox"/> Plastic: PET | [PL1] | | | | | |
| <input type="checkbox"/> Plastic: HDPE | [PL2] | | | | | |
| <input type="checkbox"/> Plastic: PVC | [PL3] | | | | | |
| <input type="checkbox"/> Plastic: LDPE | [PL4] | | | | | |
| <input type="checkbox"/> Plastic: PP | [PL5] | | | | | |
| <input type="checkbox"/> Plastic: PS | [PL6] | | | | | |
| <input type="checkbox"/> Plastic: MIXED / OTHER | [PL7] | | | | | |
| <input type="checkbox"/> Plastic: FILM | [PL8] | | | | | |
| METAL CANS & BOTTLES: | | | | | | |
| <input type="checkbox"/> Aluminum Cans | [AA1] | | | | | |
| <input type="checkbox"/> Steel & Bimetallic (Tin) Cans | [F02] | | | | | |
| <input type="checkbox"/> Mixed Cans | [MX2] | | | | | |
| ORGANICS: | | | | | | |
| <input type="checkbox"/> Source Separated Food | [SSF] | | | | | |
| <input type="checkbox"/> Wood Waste | [WW1] | | | | | |
| <input type="checkbox"/> Yard and Leaf Waste | [Y01] | | | | | |

***Report only post-consumer materials on this form.** Post-consumer material: Material that has been used as a consumer item and then diverted from municipal solid waste for the purpose of collection and recycling. The term excludes material generated in manufacturing and converting processes such as manufacturing scrap and trimmings/cuttings. Also, print overruns, overissue publications, and obsolete inventories that did not leave the generating facility would be classified as pre-consumer materials and should **not** be reported on this form.

****Processing residue:** Material that is collected and weighed with recyclables, but is disposed rather than recycled.

*****Residential tons:** Residential tons includes recyclables from condominiums, apartment complexes and townhouses.

3. CHECK the box in front of each post-consumer material collected for recycling from the municipality you indicated on page 1.
4. ENTER the weight (in tons) of material recycled in the correct column.

| NON ACT 101 Other Materials Recycled | | Resi- dential Tons*** | Res. Drop-Off Tons *** | Commercial/ Institutional Tons | Com. Drop-Off Tons | Name of Processing Facility or Market |
|---|-------|-----------------------------|------------------------------|--------------------------------------|--------------------------|--|
| OTHER GLASS | | | | | | |
| <input type="checkbox"/> Glass: Plate | [GL5] | | | | | |
| <input type="checkbox"/> Glass: Other | [GL6] | | | | | |
| OTHER PAPER: | | | | | | |
| <input type="checkbox"/> Drum: Fiber | [DR3] | | | | | |
| OTHER PLASTICS: | | | | | | |
| <input type="checkbox"/> Plastic: Drum (high molecular weight HDPE) | [DR1] | | | | | |
| <input type="checkbox"/> Plastic: Drum (mixed bulky rigid) | [DR4] | | | | | |
| OTHER METALS: | | | | | | |
| <input type="checkbox"/> Aluminum Scrap | [AA2] | | | | | |
| <input type="checkbox"/> Mixed Metals | [MM1] | | | | | |
| <input type="checkbox"/> Non-Ferrous Metals | [N01] | | | | | |
| <input type="checkbox"/> Copper | [N02] | | | | | |
| <input type="checkbox"/> Brass | [N03] | | | | | |
| <input type="checkbox"/> Lead | [N04] | | | | | |
| <input type="checkbox"/> Stainless Steel | [N05] | | | | | |
| <input type="checkbox"/> Nickel | [N10] | | | | | |
| <input type="checkbox"/> Wire / Cable | [W01] | | | | | |
| <input type="checkbox"/> Ferrous Metals | [F01] | | | | | |
| <input type="checkbox"/> White Goods | [F03] | | | | | |
| HOUSEHOLD/HAZARDOUS WASTE: | | | | | | |
| <input type="checkbox"/> Antifreeze | [O02] | | | | | |
| <input type="checkbox"/> Batteries: Lead Acid | [B01] | | | | | |
| <input type="checkbox"/> Batteries: Other | [B02] | | | | | |
| <input type="checkbox"/> E-Waste (includes TV) | [CR1] | | | | | |
| <input type="checkbox"/> Fluorescent Tubes/CFLs | [FL1] | | | | | |
| <input type="checkbox"/> Used Oil | [OL2] | | | | | |
| <input type="checkbox"/> Oil Filters | [OL3] | | | | | |
| <input type="checkbox"/> Other Commercial HW (paints, varnish, pesticides, etc.) | [CHW] | | | | | |
| <input type="checkbox"/> Other Household HW (paints, varnish, pesticides, etc.) | [HHW] | | | | | |
| OTHER RECYCLABLES: | | | | | | |
| <input type="checkbox"/> Asphalt | [ASP] | | | | | |
| <input type="checkbox"/> Rubber Tires | [M01] | | | | | |
| <input type="checkbox"/> Construction & Demolition | [M02] | | | | | |
| <input type="checkbox"/> Clothing / Textiles | [M03] | | | | | |
| <input type="checkbox"/> Furniture & Furnishings | [M04] | | | | | |
| <input type="checkbox"/> Mattresses | [MT1] | | | | | |
| <input type="checkbox"/> Misc. Other Consumer Items | [MIS] | | | | | |

COMPLETE AND SUBMIT A REPORT TO EACH INDIVIDUAL MUNICIPALITY BY FEB 1st!

Total tons of processing residue or processing residue rate used to calculate reported tonnages: _____
Total tons of solid waste collected, if required by municipality: _____

I certify, to the best of my knowledge, that the information on this form is complete and accurate. I further authorize the Municipality to aggregate this report for DEP reporting and grant purposes. Processing residue has been subtracted from the above tonnages.

Authorized Representative

Title

Signature

Date

FM-13

ANNUAL RECYCLING REPORT INSTRUCTIONS CHECKLIST

**For a Waste and/or Recycling Hauler; Document Destruction Company;
Retail Establishment with Multiple Store Locations; Broker; Processor;
Other Company Transporting Recyclables Generated in PA;**

If using this form, the receiving county must have agreed to collect the recycling data at the county level. This form is to be completed by a waste and/or recycling hauler, a document destruction company or other company transporting recyclables generated in PA. This form can also be used by a retail establishment with multiple store locations that coordinates recycling collection and markets materials through corporate headquarters.

Information on this form will be used by the county to submit an annual recycling report to the PA Department of Environmental Protection. This annual recycling report is required by state law.

Information on this form may also be used by the municipalities and/or counties to complete a municipal recycling performance grant.

Please use the following checklist to complete form FM-13:

- ☐ Insert the current reporting year (upper right-hand corner of form).
- ☐ Enter the county where recyclables were generated.
- ☐ Provide your company name, mailing address, e-mail address and telephone number.
- ☐ In the table provided, list the municipalities where you collected recyclables, and which are within the county you are reporting to.
- ☐ Use the codes on Page 2 to enter the materials you collected for recycling within each municipality. Separate the materials as best you can, by the following three categories:
 - Residential - includes recyclables from households, condominiums, apartment complexes and townhouses
 - Commercial/Municipal/Institutional Establishments
 - Commercial Establishment: An establishment engaged in non-manufacturing or non-processing business, including, but not limited to, stores, markets, office buildings, medical offices, restaurants, shopping centers and theaters.
 - Municipal Establishment: An establishment engaged in government work including, but not limited to, offices of the federal government, state government, cities, boroughs, incorporated towns, townships, counties and authorities.
 - Institutional Establishment: An establishment engaged in service including, but not limited to, hospitals, nursing homes, orphanages, schools and universities.
 - Drop-off Locations
- ☐ Enter the tonnage of each material you collected for recycling within each municipality. Separate the tonnages as best you can by the categories listed above

Do not report processing residues on this form. Subtract processing residue before entering your tonnages on this form. Processing residue is material that is collected and weighed with recyclables, but is disposed rather than recycled. The recycling facility can provide you with the % processing residue they produce at their facility. Processing residues vary greatly – from 1% to 30%. You need to ask your recycler to tell you the % of material discarded from their facility and subtract that % from your weight ticket amount.

Report only post-consumer materials on this form. Post-consumer material is material that has been used as a consumer item and then diverted from municipal solid waste for the purpose of collection and recycling. The term excludes material generated in manufacturing and converting processes such as manufacturing scrap and trimmings/cuttings. Also, print overruns, over-issue publications, and obsolete inventories that did not leave the generating facility would be classified as pre-consumer materials and should **not** be reported on this form.

If you collect materials commingled or single stream, please note the recyclable materials in the mix in the space provided on Page 2. **Only enter the total tonnage for the commingled or single stream mix. Do not estimate tonnages of each individual recyclable material in the commingled or single stream mix.**

- Source separated - all recyclables are kept separated from each other.
- Commingled - two or more recyclables are collected together but fiber (paper & cardboard) is kept separate.
- Single stream - all recyclables, including fiber, are collected together.

- ☐ Use the conversion chart on page 2 as necessary.
- ☐ Enter the name of the processing facility or market where the recyclable materials were delivered.
- ☐ Enter the total tons of processing residue or processing residue rate used to calculate reported tonnages.
- ☐ Sign and date the form.
- ☐ Submit to the county where you provided recycling services by February 1st. **IMPORTANT NOTE:** Ensure the county has agreed to accept this recycling report in lieu of you submitting a recycling report to each municipality. It will be the county's responsibility to provide these tonnages to the municipalities for their records. Municipalities may also use the information on this form to complete their municipal recycling performance grant.

POST-CONSUMER RECYCLING MATERIAL CODES:

[SS1] SINGLE STREAM

(All recyclables, including fiber, collected together)

[XXX] COMMINGLED

(2 or more recyclables collected together, fiber separate)

GLASS

- [GL1] Clear
- [GL2] Mixed
- [GL3] Green
- [GL4] Brown
- [GL5] Glass: Plate
- [GL6] Glass: Other

PAPER:

- [C01] Cardboard (corrugated)
- [C02] Brown Bags & Sacks
- [C03] Gabled / Aseptic Cartons
- [PA1] Magazines & Catalogs
- [PA2] Newsprint / Newspaper
- [PA3] Mixed / Other Paper Grades (junk mail, paperboard, etc.)
- [PA4] Office Paper (all high grades)
- [PA6] Phone Books
- [DR3] Drum: Fiber

PLASTICS:

- [PL1] PET (polyethylene terephthalate)
- [PL2] HDPE (high density polyethylene)
- [PL3] PVC (unplasticized & plasticized polyvinyl chloride)
- [PL4] LDPE (low density polyethylene)
- [PL5] PP (polypropylene)
- [PL6] PS (polystyrene & expanded polystyrene)
- [PL7] Mixed / Other
- [PL8] Film
- [DR1] Drum: Plastic (high molecular weight HDPE)
- [DR4] Drum: Plastic (mixed bulky rigid)

Definitions:

Post-consumer: Material that has been used as a consumer item and then diverted from municipal solid waste for the purpose of collection and recycling. The term excludes material generated in manufacturing and converting processes such as manufacturing scrap and trimmings/cuttings. Also, print overruns, over-issue publications, and obsolete inventories that did not leave the generating facility would be classified as pre-consumer materials and should not be reported on this form.

Processing residue: Material that is collected and weighed with recyclables, but is disposed rather than recycled.

Residential tonnage: Residential tonnage includes recyclables from households, condominiums, apartment complexes and townhouses.

COMPLETE ONE REPORT FOR EACH COUNTY WHERE YOU COLLECTED RECYCLABLES IN THE PRIOR YEAR.

SUBMIT REPORT TO COUNTY NO LATER THAN FEB 1st!

Your accurate and timely reporting enables the County and the State to determine an accurate recycling rate and showcase the importance and viability of the recycling industry.

Conversion Chart

| | |
|-----------------------|--|
| Antifreeze: | 7.2 lbs per gallon |
| Battery - Lead Acid: | Car = 17.8 lbs Truck = 48.7 lbs Motorcycle = 8.7 lbs |
| Rubber Tires: | Car = 21 lbs Truck = 70 lbs |
| Used Oil: | 7.2 lbs per gallon |
| Oil Filters: | 1.2 lbs each |
| Glass - Whole Bottle: | 1 ton = 2 yds ³ |
| Newsprint - Loose: | 1 ton = 3 yds ³ |
| Corrugated Cardboard: | 2.5' x 4' x 5' bale = 1100 lbs |
| Plastic Soda Bottles | |
| - Whole, Loose: | 30 lbs = 1 yd ³ |
| Plastic Film: | 2.5' x 4' x 5' bale = 1500 lbs |
| Solid & Liquid Fats: | 55 gallon drum = 412 lbs |
| White Goods | |
| - Freezers: | 1 ≈ 250 lbs |
| - Refrigerators: | 1 ≈ 250 lbs |
| - Other Appliances: | 1 ≈ 150 lbs |
| Yard Waste | |
| - Leaves: | 4 yd ³ = 1ton |
| - Grass Clippings: | 2 yd ³ = 1 ton |
| Wood Chips: | 1 yd ³ = 500 lbs |

HOUSEHOLD/COMMERCIAL HAZARDOUS WASTE

- [O02] Antifreeze
- [B01] Batteries: Lead-Acid
- [B02] Batteries: Other
- [CR1] E-Waste (includes televisions)
- [FL1] Fluorescent Tubes & CFLs
- [OL2] Used Oil
- [OL3] Oil Filters
- [CHW] Other Commercial HW (paints, varnish, pesticides, etc.)
- [HW] Other Household HW (paints, varnish, pesticides, etc.)

OTHER RECYCLABLES:

- [ASP] Asphalt
- [M01] Rubber Tires
- [M02] Construction & Demolition
- [M03] Clothing / Textiles
- [M04] Furniture & Furnishings
- [MT1] Mattresses
- [MIS] Miscellaneous / Other Consumer Items

ORGANICS:

- [SSF] Source Separated Food
- [WW1] Wood Waste
- [Y01] Yard & Leaf Waste

Municipal Ordinances

**DOCUMENTS TO BE INCLUDED DURING
IMPLEMENTATION PERIOD**

Perry County MSW Ordinance

**DOCUMENTS TO BE INCLUDED DURING
IMPLEMENTATION PERIOD**

PERRY COUNTY SOLID WASTE ADVISORY COMMITTEE MEETING #1

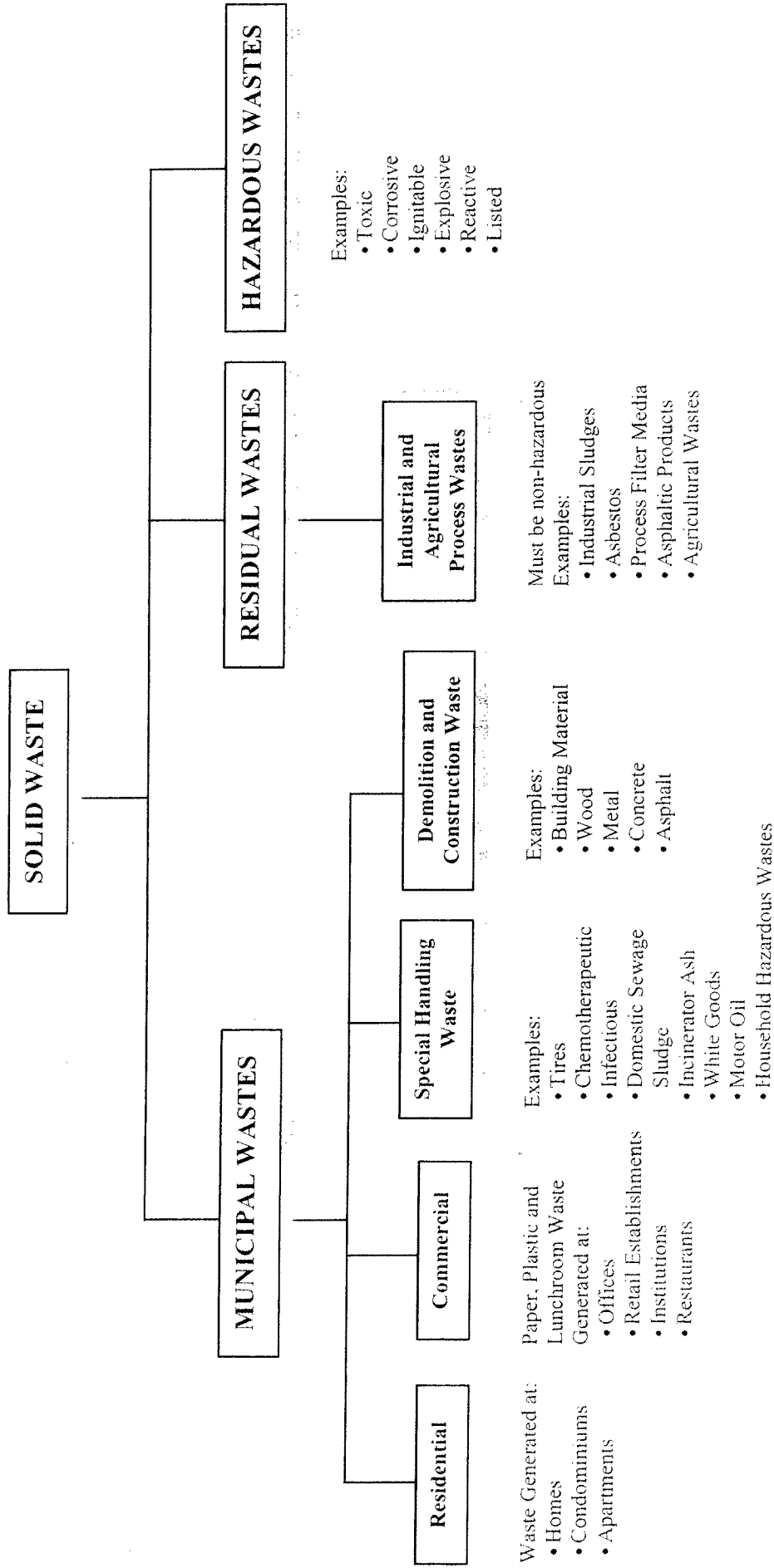
July 14, 2014, 1:00 p.m.

Commissioners' Meeting Room in the Veterans' Memorial Building
25 West Main Street, New Bloomfield

AGENDA

1. Introductions – SWAC Members and Consultant Team
2. “Housekeeping” Items
 - Time tracking – sign in and out sheet
 - Track meeting mileage for local grant match
 - Sally Tengeres – primary contact
 - “Paperless” Distribution of Materials (identify those that need hard copies)
 - Project page on B&L site:
(www.bartonandloguidice.com/PerryCountySWMP.htm)
 - Meeting agendas, notes, draft materials, schedule, SWAC members
 - Schedule – approximate one-year planning period
 - Substantial Plan Revision – 6-10 month approval
3. Planning Overview
 - Previous Plan
 - Ten Year Planning Process
 - Types of Waste - what are we planning for? (handout)
 - Role of the Consultant
 - Roles of the SWAC
 - Represent the County’s interests and those of your group
 - Identify issues and ideas
 - Open discussion and feedback
 - Provide a sounding board for study findings and recommendations
 - Recommend changes, approvals
 - Goal – an open process and a practical, implementable Plan Update
4. Getting Started
 - Collecting background information for review/ analysis
 - Identifying needs – municipal, regional (?)
 - Identify important issues – early on!
5. Discussion of Important Ideas and Issues – **Open Discussion**
 - Recycling Options?
 - Cost for services?
 - Sponsors/Funding of services?
 - Availability of services?
 - Efficiency of services?
 - Value-added services?
 - Environmental Issues, such as open burning, illegal dumping, littering?
 - Other?
 - “Just One Thing I Want To See This Plan Address” – all participate
6. General Public Comments/ Issues/ Set Next Meeting Date/ Adjournment

**WASTE CATEGORIES
AS DEFINED BY THE PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**



PERRY COUNTY SOLID WASTE ADVISORY COMMITTEE MEETING #1

July 14, 2014 1:00 PM

Commissioners' Meeting Room in the Veterans' Memorial Building

Please sign in!

| Name | Affiliation | Round Trip Mileage | Plan review hours | Meeting Hours | | |
|-------------------------|-------------------------|--------------------|-------------------|---------------|----------|------------|
| | | | | Time In | Time Out | Total Time |
| Sally Tengeres | Perry Conservation | N/A | | 12:50 | 2:40 | |
| Glenn Holliman | P.C. Bicentennial | 18 18 | | 12:50 | 2:40 | |
| Sean Sweeney | Wheatfield Twp resident | 12 | | " | 2:36 | |
| Scott Weaver | Marysville Borough | 30 | | 12:35 | 2:40 | |
| Bob Lightner | Rye Twp | 25 | | 12:55 | 2:35 | |
| Kevin Bush | Advanced Disposal | 70 | | 12:55 | 2:37 | |
| GREG DEIDER | Deimler Recycling | 15 | | 12:57 | 2:36 | |
| Shanda Brown | Army Co. | N/A | | 12:55 | 2:36 | |
| Paul Rudy | Perry Co | N/A | | 12:58 | 2:40 | |
| Rich Baum | CARROLL TWP | 20 | | 12:58 | 2:40 | |
| Terry Keene | B&L | N/A | | " | 2:45 | |
| Ashley Duncan | B&L | N/A | | " | 2:40 | |
| Todd Brajkovich | Perry Co | N/A | | 12:50 | 2:40 | |
| Connie Sawyer | Marysville Borough | 30 | | 1:00 | 2:36 | |
| JOHN FINNERTY | PCPC / TCPC | - | | 1:00 | 2:38 | |

PERRY COUNTY SOLID WASTE ADVISORY COMMITTEE MEETING MINUTES

July 14, 2014, 1:00 p.m.

The Perry County Solid Waste Advisory Committee held its first meeting in the Commissioners' conference room, Veterans Memorial Building, 25 West Main Street New Bloomfield, PA at 1:00 PM.

Present at the meeting:

- Commissioner Brenda Benner
- Commissioner Paul Rudy
- Terry Keene P.E. – Barton & Loguidice D.P.C.
- Ashley Duncan – Barton & Loguidice D.P.C.
- Richard Baum – SWAC
- Kevin Bush – SWAC
- Gregory Diemler, Jr. – SWAC
- Glenn Holliman – SWAC
- Robert Lightner – SWAC
- Lonnie Sarver – SWAC
- Sean Sweeney – SWAC
- Scott Weaver – SWAC
- Jason Finnerty – Perry County Planning Commission/TCRPC
- Todd Brajkovich – Perry County Conservation District
- Sally Tengeres - Perry County Conservation District

Terry Keene, P.E. from Barton & Loguidice, D.P.C. (B&L) opened the meeting with general background information on the Perry County Municipal Solid Waste Plan. He introduced Ashley Duncan (B&L) and Sally Tengeres (Perry County Recycling Coordinator) and explained their roles in the process. B&L has been hired to assist Perry County with revising the current plan. Terry then initiated self-introductions by all attending.

Ashley Duncan presented information on SWAC meeting "housekeeping" items including volunteer time and mileage tracking, paperless distribution of necessary documents used in the planning process, and the location of the website where updates will be posted. Ashley reviewed the Plan timeline, and noted that this is a substantial plan revision as opposed to a non-substantial plan revision; therefore, the planning process will be extended to include extended public review/ comment and municipal ratification periods, as required by PADEP for a substantial plan revision. She pointed out the areas of the planning process where the SWAC members will be participating, and indicated where we currently are, on that timeline. She noted that there will be at least two more SWAC meetings: one tentatively planned for October 2014, and one in January 2015, with a final draft of the plan revision expected to be completed in March 2015. Terry discussed the differences between a substantial and a non- substantial plan revision. Since the 2005 Perry County Municipal Waste Management Plan was completed, the County reduced its support for the recycling program, and transferred responsibility to the Townships, triggering the need to conduct a substantial 10 year plan revision this time. Sally provided an update on the status of the surveys that were being conducted to gather information for the plan. She noted that 102 surveys were mailed, and an estimated 30 percent have been completed and returned.

Ashley and Terry provided a planning overview including types of waste, role of the consultants, role of the SWAC and the goal of creating a practical, implementable plan, unique to Perry County. Terry noted the Plan addresses municipal waste. Based on questions, the group discussed the definition of white goods, if dialysis centers produced ICW (infectious-chemotherapeutic waste), that tires are bulky waste, and that HHW (household hazardous waste) includes pesticides, cleaners and such. Agricultural waste (such as oil and plastic wrap generated on the farm) is outside of Plan requirements, but can be addressed. Kevin Bush noted that the collection of electronic waste (e-waste) will continue to be a challenge as companies react to the realities of Act 108, the PA Covered Devices Recycling Act of 2010. This act defines responsibilities of manufacturers of televisions, computers and computer peripherals to take back (either purchase or accept) and recycle used TVs and computers in similar quantities to the ones they sell. In 2013, the manufacturer's mandated minimum recycling volumes were lessened from the full recycling requirement, to give manufacturers time to ramp up the infrastructure to recycle these materials. Terry said that the Act 108 thresholds have/will be increasing this year, which may result in additional electronics take-back initiatives. Unfortunately, many companies who started an electronics collection business in response to the CDRA, after the initial mandated minimum recycling volumes were released, have already went out of business. Ashley emphasized that comments and feedback from the SWAC are key to creating an implementable Plan.

Ashley described the information necessary to update the Plan and how this information will be collected. She noted this information included the surveys sent out by the County to municipalities, septage Haulers, ICW generators and waste water treatment sites, the County statistics provided by the Perry County Planning Commission, and feedback from the

SWAC. Terry stated the importance of identifying municipal and regional needs early in the planning process, specifically within a week of this meeting was critical.

Discussion followed about the consequence of the County adding a recycling program after the Plan was approved (as opposed to dropping the program). Terry responded that there would be no revision immediately required. The addition of the recycling program would be addressed at the time of the 10 year update. A SWAC member asked if the Plan would supersede the township recycling programs already in place. Ashley stressed that it would not. The Plan would provide ideas and guidance on how to address specific issues and facilitate recycling and trash collection programs.

Electronic wastes ("covered devices" such as computers and peripherals, and televisions) have specific collection and disposal requirements in Pennsylvania after January 24, 2013. The Covered Device Recycling Act of 2010, PA Act 108, identifies specific requirements for compliance.

A discussion regarding pharmaceutical collection was initiated. How to get information out to residents was discussed. Sally noted that this information is located on the County website. Brenda noted that the County will list these collections in the future. Better education regarding pharmaceutical collection was noted.

A discussion regarding drop-offs for recyclables was initiated. Carroll Township's representative, Rich Baum noted that open dumping dropped with Spring Cleanup Program commencement. Advanced Disposal's representative, Kevin Bush, noted that in his experience spring cleanup volume drops after several years. The group discussed how residents are checked for spring cleanups. A few methods were discussed ranging from requiring a copy of your trash bill to a valid driver's license.

An open discussion was initiated to survey the group for their ideas and for specific issues that they would like to see addressed in the finished Plan. Terry started the conversation by verifying with the Commissioners that the County is not willing to fund a county wide recycling program at this time.

Discussion topics included:

- recycling/trash programs that work best in rural municipalities. Current township programs discussed.
- costs involved in offering recycling and trash collection and if residents are willing to pay.
- services offered by local/regional haulers and the proximity of materials recovery facilities.
- some issues haulers face when collecting, transporting and selling recyclables.
- the need to bring together fragmented recycling programs for a County wide program. Planning process will include analysis of where programs are and address areas where they are not.
- the ability to tailor recycling /trash collection programs to individual municipalities.
- impact that no burn ordinances and recycling programs have on the amount of trash sent to a landfill.
- the need for convenient and sustainable collection of spent electronics.
- the need for convenient and sustainable collection of household hazardous waste.
- the importance and positive impact that township cleanup events have on reducing illegal dumping and providing residents a way to get rid of bulky waste.
- enforcement options available for illegal dumping.
- the need for a method or model to show recycling costs and how to expand a municipal recycling program at a known cost.
- the need for more education and awareness on the collection and disposal of pharmaceuticals.
- options for handling yard waste for those residents that do not compost.
- feasibility of installing a landfill or transfer station in Perry County

The SWAC members, Commissioners, and Conservation District Manager were asked for one issue they would ideally like addressed in the Plan. Not all of these items may fall within the requirements of the Solid Waste Management Plan Update, but they were collected to develop a broad understanding of the areas of concern within the County. The following is a summarized list.

- Recycling - Single stream collection
A unified, efficient, economical county wide collection program

Increased county involvement

- Township Collections for bulky waste, tires and other hard to dispose of items.
- Yard waste outlets
- Illegal dumping
- Permanent Electronics Recycling drop off(s)
- Permanent Household Hazardous Waste Collection
- Models for recycling programs suitable for Perry County's municipalities.
- Education and Outreach on recycling opportunities available in Perry County.
- Outlets for Ag waste such as used oil and ag plastic
- Methods for reducing open burning

Terry outlined what would be covered in the next SWAC meeting; survey results, population numbers and projections, municipal waste and recycling tonnage calculations, and disposal contracts. A tentative meeting was set for October 6, 2014 at 1:00 pm at the same location.

The meeting was concluded at 2:40 pm.

PERRY COUNTY SOLID WASTE ADVISORY COMMITTEE MEETING #2

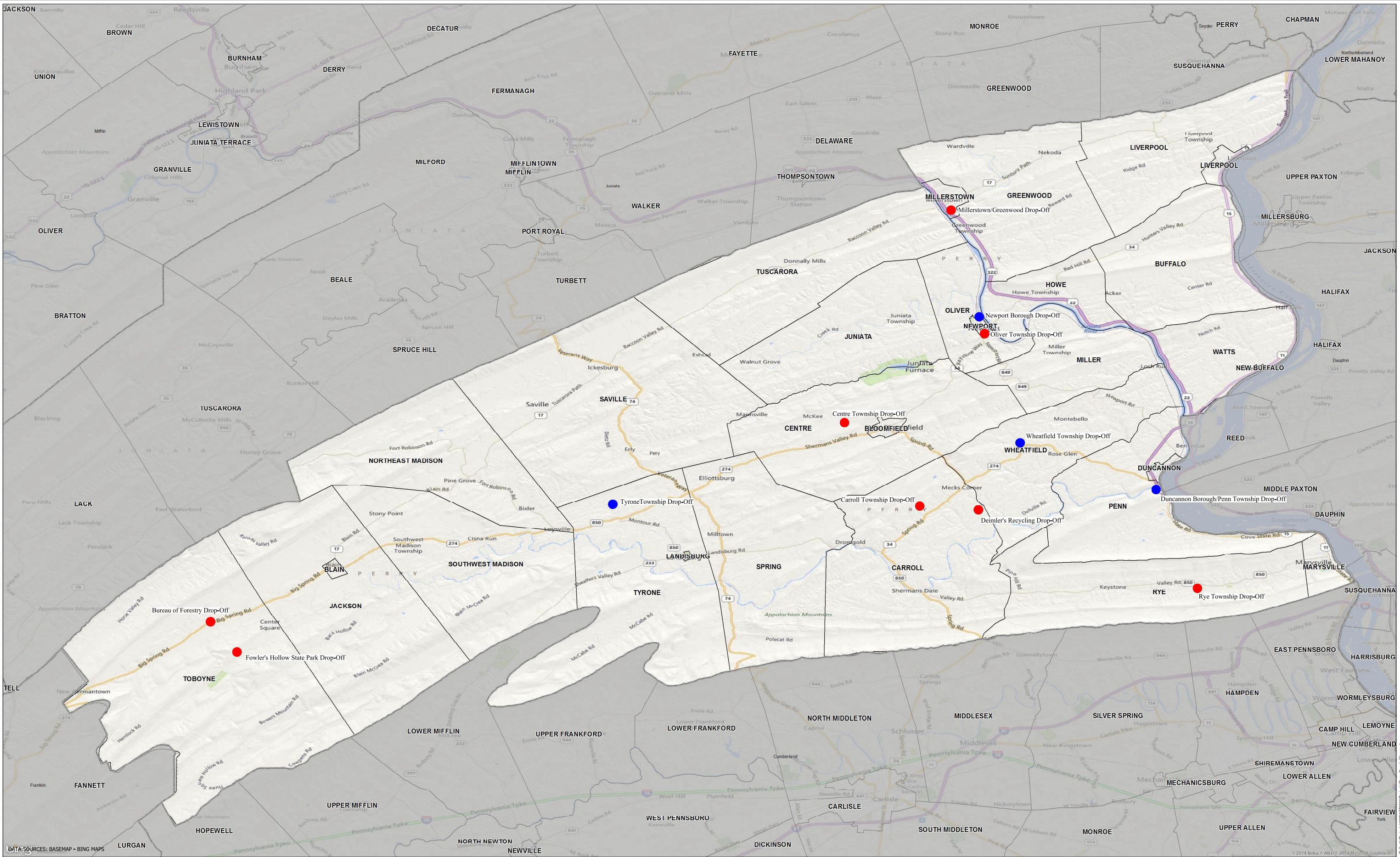
October 20, 2014, 1:00 p.m.
Commissioner's Meeting Room
25 West Main Street New Bloomfield, PA 17068

MEETING AGENDA

1. Welcome and Introductions
2. "Housekeeping" Reminders
 - Time tracking – sign in and out sheet
 - Track meeting mileage for local grant match
 - Project webpage – "paperless distribution of materials"
 - Sally Tengeres – primary contact
3. Initiatives List Discussion
4. Deficient Areas for Recycling – Mapping Exercise
5. Summarize Goals from SWAC Meeting No. 1
6. Project Schedule
 - Waste Disposal Capacity Interest Letter
 - Substantial Plan Revision
 - Review Target Dates
 - Establish Upcoming Meeting Dates
7. Waste Disposal Capacity Interest Letter – Review
8. Waste Survey Results – Summary Discussion
9. Review of Chapters
10. Other Items?
11. Adjournment

| Recycling Collection and Waste Disposal Initiatives | |
|---|---|
| | |
| | 1 |
| Developing new permanent recyclables drop-off facilities with convenience in mind | |
| Developing semi-annual County-wide HHW collection events | |
| Streamline the recyclables collected curbside with all local haulers in the County | |
| Purchase surveillance cameras that move around to different drop-off sites | |
| Develop a hotline for illegal dumping and open burning reporting | |
| Supporting Spring/Fall Cleanup at Townships | |
| Encouraging contracted residential curbside waste collection with curbside recyclables collection through draft contracts supplied to municipalities | |
| Developing semi-annual County-wide e-waste collection events | |
| Encouraging semi-annual (at minimum) spring cleanup collection events (sponsored by the townships/private sector) | |
| Recycling drop-off centers with 24/7 hours managed by 1 or more Townships | |
| Encourage a Pay-As-You-Throw waste disposal system with local haulers | |
| Developing a year-round permanent e-waste collection facility | |
| Development of County ordinances that mandate residential recycling | |
| | 2 |
| Adding additional recyclables material to existing drop-off facilities | |
| Streamline the recyclables collected curbside with all local haulers in the County | |
| Encourage a Pay-As-You-Throw waste disposal system with local haulers | |
| Partner with local enforcement for illegal dumping and open burning | |
| Purchase surveillance cameras that move around to different drop-off sites | |
| Develop a hotline for illegal dumping and open burning reporting | |
| Developing a year-round permanent e-waste collection facility | |
| Developing semi-annual County-wide HHW collection events | |
| Encouraging semi-annual (at minimum) spring cleanup collection events (sponsored by the private sector) | |
| Encouraging contracted curbside waste collection for commercial businesses, including mandatory recyclables collection through draft contracts supplied to businesses | |
| Contracting with waste haulers for curbside HHW and/or electronics collection | |
| Development of municipal ordinances that mandate residential recycling | |
| | 3 |
| Contracting with waste haulers for curbside HHW and/or electronics collection | |
| Development of County ordinances that mandate residential recycling | |
| Develop a method for more comprehensive reporting of recyclables collection to the County | |
| Encourage a Pay-As-You-Throw waste disposal system with local haulers | |
| Develop a permanent yard waste drop-off location (municipal or County-wide) | |
| Ordinances that require waste haulers to collect bulk items and recyclables curbside and education to residents semi-annually | |
| Encouraging contracted residential curbside waste collection, including mandatory curbside recyclables collection through draft contracts supplied to municipalities | |
| Developing new permanent recyclables drop-off facilities with convenience in mind | |
| Developing a year-round permanent e-waste collection facility | |
| Encouraging semi-annual (at minimum) spring cleanup collection events (sponsored by the private sector) | |
| Developing a public/private partnership for waste and recycling collection and infrastructure | |

| | |
|---|--|
| 4 | |
| Develop a permanent yard waste drop-off location (municipal or County-wide) | |
| Encouraging contracted curbside waste collection for commercial businesses, including mandatory recyclables collection through draft contracts supplied to businesses | |
| Developing a year-round permanent e-waste collection facility | |
| Developing a year-round permanent HHW drop-off facility | |
| Developing new permanent recyclables drop-off facilities with convenience in mind | |
| Adding additional recyclables material to existing drop-off facilities | |
| Developing semi-annual County-wide e-waste collection events | |
| Contracting with waste haulers for curbside HHW and/or electronics collection | |
| Streamline the recyclables collected curbside with all local haulers in the County | |
| Development of County ordinances that mandate residential recycling | |
| Development of municipal ordinances that mandate residential recycling | |
| Development of County ordinances that mandate commercial recycling | |
| Development of municipal ordinances that mandate commercial recycling | |
| Developing a public/private partnership for waste and recycling collection and infrastructure | |
| Hire enforcement officers/partner with local enforcement for illegal dumping and open burning | |
| Develop a permanent yard waste compost facility (municipal or County-wide) | |
| Purchase surveillance cameras that move around to different drop-off sites | |
| Develop a hotline for illegal dumping and open burning reporting | |
| Developing semi-annual County-wide HHW collection events | |
| Develop a method for more comprehensive reporting of recyclables collection to the County | |
| 5 | |
| Encouraging contracted curbside waste collection for commercial businesses, including mandatory recyclables collection through draft contracts supplied to businesses | |
| Encouraging contracted residential curbside waste collection with curbside recyclables collection through draft contracts supplied to municipalities | |
| Developing a year-round permanent HHW drop-off facility | |
| Encouraging semi-annual (at minimum) spring cleanup collection events (sponsored by the private sector) | |
| Develop a permanent yard waste compost facility (municipal or County-wide) | |
| Ordinances that require waste haulers to collect bulk items and recyclables curbside and education to residents semi-annually | |
| Developing a public/private partnership for waste and recycling collection and infrastructure | |
| Hire enforcement officers/partner with local enforcement for illegal dumping and open burning | |
| Adding additional recyclables material to existing drop-off facilities | |
| Contracting with waste haulers for curbside HHW and/or electronics collection | |
| Development of County ordinances that mandate residential recycling | |
| Development of municipal ordinances that mandate residential recycling | |
| Development of County ordinances that mandate commercial recycling | |
| Development of municipal ordinances that mandate commercial recycling | |
| Develop a permanent yard waste drop-off location (municipal or County-wide) | |
| Develop a method for more comprehensive reporting of recyclables collection to the County | |
| Streamline the recyclables collected curbside with all local haulers in the County | |
| Encourage a Pay-As-You-Throw waste disposal system with local haulers | |
| Purchase surveillance cameras that move around to different drop-off sites | |



PERRY COUNTY SOLID WASTE ADVISORY COMMITTEE MEETING #1

October 20, 2014 1:00 PM

Commissioners' Meeting Room in the Veterans' Memorial Building

Please sign in!

| Name | Affiliation | Round Trip Mileage | Plan review hours | Meeting Hours | | |
|----------------|---------------------------|-----------------------|----------------------|---------------|----------|------------|
| | | | | Time In | Time Out | Total Time |
| Sean Sweeney | Wheatfield Twp resident | 12 | | 12:45 | 2:15 | 1.50 |
| Brenda Berner | Perry Co | — | | 12:30 | 2:15 | 1.75 |
| John Langel | Shermans Valley Recycling | 24 | | 12:45 | 2:20 | 1.5 |
| Sam Fisher | Shermans Valley Recycling | 24 | | 12:45 | 2:20 | 1.5 |
| Bob Lightner | Pyle TWP | 26 | | 12:50 | 2:15 | 1.5 |
| Kevin Bush | Advanced Disposal | 60 | | 12:45 | 2:15 | 1.5 |
| Jason Finnerly | PCPC/TCRPC | 0 | | 12:51 | 2:15 | 1.5 |
| Ashley Duncan | BAL | — | | 12:52 | 2:30 | 1.5 |
| Lonnie Sarver | Marysville | 50 | | 12:55 | 2:15 | 1.25 |
| Paul Rudy | Commissioner | — | | 12:58 | 2:15 | 1.25 |
| Rick Baum | Supervisor CARDOV | 20 | | 12:58 | 2:15 | 1.25 |
| Scott Weaver | Marysville Brough | 20 | | 13:04 | 2:15 | 1.8:20 |
| Daily Tengeres | PCCO | — | | 12:30 | 2:30 | 2.0 |
| | | | | | | |
| | | | | | | |

PERRY COUNTY SOLID WASTE ADVISORY COMMITTEE MEETING MINUTES
Meeting #2

October 20th, 2014, 1:00 p.m.

The Perry County Solid Waste Advisory Committee held its second meeting in the Commissioners' conference room, Veterans Memorial Building, 25 West Main Street New Bloomfield, PA at 1:00 PM.

Present at the meeting:

- Commissioner Brenda Benner
- Commissioner Paul Rudy
- Ashley Duncan – Barton & Loguidice
- Richard Baum – SWAC
- Kevin Bush – SWAC
- Robert Lightner – SWAC
- Lonnie Sarver – SWAC
- Sean Sweeney – SWAC
- Scott Weaver – SWAC
- Sam Fisher – public
- John Langel -public
- Jason Finnerty – Perry County Planning Commission/TCRP
- Sally Tengeres - Perry County Conservation District

Ashley Duncan from Barton & Loguidice opened the meeting and initiated self introductions by all attending. Ashley presented information on SWAC meeting “housekeeping” items including volunteer time and mileage tracking, paperless distribution of necessary documents used in the planning process, and the location of the website where updates will be posted. This website will become more important as the Plan is written and chapters are distributed for review.

Ashley provided a copy of the Recycling Collection and Waste Disposal and Educational initiatives survey results and reviewed the initiatives ranked 1, 2 and 3 by the SWAC. The results will be used in the planning process as a road map as much as possible, however some of the suggestions involved additional funding that is not available at this time. It is hoped that the survey results are representative of County residents. The recycling collection and waste disposal initiatives that ranked highest among the majority of SWAC members were: developing new permanent recyclables drop-off facilities with convenience in mind, developing semi-annual County-wide HHW collection events, purchase surveillance cameras that move around to different drop-off sites, develop a hotline for illegal dumping and open burning reporting, encouraging contracted residential curbside waste collection with curbside recycling collection through draft contracts supplied to municipalities, developing semi-annual County-wide e-waste collection events, encouraging semi-annual (at minimum) spring cleanup collection events (sponsored by the townships and the private sector), encourage pay-as-you-throw waste disposal system with local haulers, developing a year-round permanent e-waste collection facility, contracting with waste haulers for curbside HHW and/or electronics collection, develop a method for more comprehensive reporting of recyclables collection to the County. The education initiatives that ranked highest among the majority of SWAC members were: encourage the development of municipal newsletters that include waste and recycling information, develop education for residents on the negative side effects of burning waste/recyclables, development of a plan to target each sector present in the County (i.e. colleges, elementary schools, etc.) to encourage/support recycling and discuss waste reduction/collection methods, update Perry County website to be more user friendly and contain information about waste and recycling, develop a County newsletter that includes waste and recycling information, encourage schools to develop recycling programs, educate members of the County staff, County Commissioners, etc. so that all “core” local members understand the County’s waste and recycling initiatives, goals, options, etc., develop a community calendar that includes waste and recycling information, require and/or encourage haulers to provide education and/or helpful hints to residents and the County semi-annually, informing them on how and what to recycle and dispose of, encourage big event activities to recycle by recognizing how much of the event waste goes into the trash, develop newspaper advertisements to educate residents, develop a method to reach out to the commercial businesses in the County to discuss recycling, obtain recycling tonnages, etc., encourage the development of school competitions to get the community involved in recycling, or the participation in other state and national recycling/waste collection competitions.

A lengthy discussion ensued on the current electronics recycling situation as a result of the CDRA Act. Scott Weaver and Bob Lightner expressed concern over the lack of e-cycling outlets. Their municipalities collect large amounts of e-waste, however their options for properly recycling it are disappearing. No one wants to see these materials illegally dumped and the landfills can no longer accept them. Kevin Bush commented that when they do see electronics in with the trash being

dropped at the landfill, the hauler is notified. Currently, there is no e-cycling collection site in Perry County. Sam Fisher noted that his company, Shermans Valley Recycling, is working on getting a permit with the PADEP to collect and recycle electronics.

Ashley provided a map of Perry County that showed where recycling drop off sites currently are located. She noted that the Bureau of Forestry drop off at their headquarters in Blain and the Fowler's Hollow State Park drop off are not included on the map. Ashley indicated the location of the 24/7 drop offs, and the Saturday morning drop offs. She noted that if residents in certain areas miss the Saturday morning collection they would have to store their recyclables for another month. Sean Sweeney commented that he has already stored several months' worth of recyclables as a result of not being able to make the Saturday morning collection in Wheatfield Township. Bob Lightner commented that Rye is 24/7 and when a roll off fills up the township calls to have it emptied. So far, trash has not been an issue. He suspects people from outside of Rye township are using it, but would rather have that happen than see the recyclables dumped along the road. He added that Rye Township has a 2 year contract, but there is a cost that is paid with collected taxes. Ashley suggested the addition of a 24/7 drop off (s) in certain areas to increase recycling convenience. She described the potential for using a key card system at the drop offs that are already gated.

She mentioned Cocolamus Creek Disposal routes and Brenda Benner copied their brochure map for consideration. Kevin Bush suggested looking at the average radius of coverage around current drop offs and then pin pointing where additional drop offs would be needed. Scott Weaver suggested looking at main traffic routes that people use to commute to work and placing a roll off one day per week at a convenient location. These points could possibly collect Cocolamus Creek Disposal recycling bags. Rich Baum added that Carroll Township uses a CCD roll off and they will get an occasional bag of trash in it, however clear signage has helped.

Ashley described the purpose of the Waste Disposal Capacity Interest letter and asked the SWAC what they would like to see in the contract. She noted it is advantageous to ask for specific services, such as educational items, containers, facility space. She noted that areas of deficiency are in the northeast, south central (near Landisburg) and north central (near Ickesburg).

The next item on the agenda was discussing the goals set at the first SWAC meeting: e-cycling, recycling and trash collection. Ashley noted that we have already discussed the first two, and asked if there were any concerns about trash collection. No concerns were mentioned. Ashley inquired about the availability of spring clean ups. Lonnie Sarver stated that Marysville Borough offers curbside pick up. Sean Sweeney mentioned that Wheatfield has a spring and fall collection.

Ashley asked Sally to provide a list of what each municipality offers from the municipal surveys.

Ashley noted that there is more recycling happening in Perry County than is reported. She briefly discussed creating a form that haulers and commercial businesses could use to report their recycling tonnage on a monthly basis to Perry County. The goal of monthly reporting is to increase the documented amount of recycling tonnage in Perry County.

The project schedule was the next agenda item discussed. Ashley explained that a cover letter, submittal form, and draft agreement will be sent to the 3 permitted landfills that currently accept the bulk of Perry County Waste. These agreements are necessary to assure capacity for Perry County trash over the next 10 years. Also, the same documents will be sent to two transfer stations that accept Perry County waste. There is some mislabeling of the origin of trash delivered in the multi-county area and the transfer station agreements are an effort to improve tracking and reporting accuracy. Kevin Bush noted that the landfills hold 10 year permits from the DEP that generally do not align with the 10 year capacity agreements. Ashley noted that is an issue in most Municipal Solid Waste plans. Scott Weaver asked about tipping fees over the life of the contract. Ashley said the contract will set a ceiling tip fee which offers tipping fee stability.

Group discussion over the date of the next SWAC meeting resulted in a date set for January 14th, 2014 at 1:00 pm.

Ashley reminded the SWAC to check the website for updates, the survey summary, the map of drop-offs and recycling collection routes, the draft Waste Disposal Contracts for review and the draft plan chapters for review.

Kevin Bush asked if a representative from CCD could be invited to the next meeting. Sally responded that she would call and invite them.

Jason Finnerty asked if there were any restrictions on the distance that Biosolids could be hauled for application. Ashley said that there were no restrictions on where and how far the Biosolids could be transported. She noted that there are currently about 6 sites in Perry County and they will be listed in the MSW Plan.

Bib Lightner asked if each township could be contacted and asked if a roll off for recycling could be placed at their township building. Rye Township saw their tipping fees decrease because of recycling. Waste disposal is paid through taxes and the taxes remained the same when recycling was added, even though there is a cost.

Ashley noted that private subscription townships typically do not see trash collection savings through increased recycling, when billed by the hauler, unless directly linked to recycling tonnages/waste tonnages.

The meeting was concluded at 2:15 pm.

PERRY COUNTY SOLID WASTE ADVISORY COMMITTEE MEETING #3

February 18, 2015, 1:00 p.m.
Commissioner's Meeting Room
25 West Main Street New Bloomfield, PA 17068

MEETING AGENDA

1. "Housekeeping" Reminders
 - Time tracking – sign in and out sheet
 - Track meeting mileage for local grant match
 - Project webpage – "paperless distribution of materials"
 - Sally Tengeres – primary contact
2. Overview of the Chapters
3. Comments on Chapters 1-4 and 6-15
4. Discussion on Chapter 5
5. Comments on Chapter 5
6. Release of Plan Update for Public Comment Period
7. Schedule Public Meeting
8. Additional SWAC Meeting?
9. Other Items? (Kevin Bush of Advanced Disposal was asked to step out of the room while the remaining SWAC members discussed the Interest Letter responses)
10. Waste Disposal Capacity Interest Letter Discussion/Recommendations from the SWAC
11. Adjournment

MEMORANDUM

TO: Perry County SWAC Committee Members
Perry County Commissioners
Perry County Solicitor

FROM: Ashley N. Duncan, EIT
Engineer III
Barton & Loguidice, D.P.C.

DATE: March 4, 2015

RE: Perry County Municipal Waste Management Plan – 2015 Update
Solicitation of Interest for Municipal Waste Processing/ Disposal Capacity
Interest Letter Submissions, B&L Tabulations and Recommendations, Final 3-4-
2015 SWAC Review, and Selection of Tentatively Designated Transfer and
Disposal Facilities for County Contracting

An Interest Letter document was prepared by Barton & Loguidice (B&L), under contract with Perry County, seeking submissions from waste processing/ disposal facilities that meet minimum requirements and are willing to commit up to ten years of processing/ disposal capacity for acceptance of Perry County's municipal waste, as required by the PA Act 101 County Municipal Waste Planning Process. This document also solicited optional "free" public-service disposal capacity for illegal dump cleanups and similar activities, and asked Respondents to indicate their willingness to enter further discussions, outside of the interest letter process, regarding possible support for integrated waste management and recycling programs in Perry County. The Interest Letter contained minimum criteria under which Submittals were reviewed in a "pass-fail" screening process, in which items such as minimum quantity and duration guarantees for disposal capacity assurance and other items were evaluated for compliance with the requirements of the Interest Letter. Any facility that "passed" the screening process became eligible for further consideration by Perry County, at the County's option, to enter a disposal contract with the County to provide processing/ disposal services, to assist the County in meeting an Act 101 requirement by assuring minimum required disposal capacity of Perry County-generated





municipal waste. This requirement will be secured at either one or multiple facilities between July 2015 and June 2025.

Transfer stations handling municipal waste from Perry County were also asked in the Interest Letter to make a simplified response, committing to proper identification of transferred municipal waste by original county of origin of the waste, agreeing to deliver municipal waste to approved processing/ disposal facilities in the County Plan, and agreeing to enter a contract with Perry County to confirm these points.

The above-referenced Interest Letter document was prepared and distributed to three (3) of the larger receivers of Perry County waste over the past five (5) years: Mountain View Reclamation Landfill, Cumberland County Landfill and the SRMC (formerly Harrisburg WTE). In addition, the Interest Letter was mailed to the Mifflin County Transfer Station, a known recipient of Perry County waste. It was not required to publicly advertise the Interest Letter, as the Plan Update allows waste generated in Perry County to be taken to any dually licensed waste disposal facility.

The Submittal due date was January 23, 2015. A total of six (6) disposal facilities and two (2) transfer stations submitted responses to the SOI.

REVIEW OF SUBMITTALS AND COMPLETENESS

A review and initial evaluation of submissions was conducted by B&L. Submission information was tabulated in multiple tables, which are attached. Table 1 contains a summary of Submittal information and completeness details from each of the landfills and transfer stations that responded to the SOI. Table 1 also contains footnotes that clarify Respondents' positions on certain items. Table 2 contains ceiling tip fees that each disposal facility has committed to offer for disposal of Perry County municipal waste over the next ten (10) years. (Note that these ceiling tip fees do not necessarily reflect the rates that will actually be charged at the facility, just the maximum fees that could be charged by contract each year, over the agreement period). These ceiling tipping fees also do not include the transportation costs for delivery of material to the facilities, which will usually be higher for facilities located further from Perry County. Table 3 presents a list of the proposed backup/ bypass processing/ disposal facilities that each of the four (4) Respondents indicated it will use if needed to meet contractual commitments with Perry County during emergencies.



Table 1 summarizes the Submittal information received from Respondents. There were no deficiencies in the Submittals.

ELIGIBILITY FOR CONSIDERATION FOR A CONTRACT WITH PERRY COUNTY

The two (2) transfer stations that responded to the Interest Letter all signed and returned the draft Transfer Station Agreement that was a part of the Interest Letter, which documents their conformance to the Plan Update process and their commitment to follow the requirements of the Interest Letter for transfer stations. Additionally, Perry County determined that an Interest Letter with a Draft Transfer Station Disposal Capacity Agreement must be sent to Diller's Transfer Station, located in Mechanicsburg, Pennsylvania, because they are owned by Advanced Disposal and Advanced Disposal responded to the initial Interest Letter for the Cumberland County Landfill. A response was received by Diller's Transfer Station on March 4, 2015.

Each of the six (6) disposal facility submissions met the minimum requirements of the Interest Letter, and each of these sites is eligible for potential inclusion in the Plan Update.

B&L structured the Interest Letter, as directed by the County Commissioners' Office, such that 1) as few as one disposal site may be placed under contract with Perry County (to meet the PADEP disposal capacity assurance requirement in Act 101), while 2) the Plan Update may be structured to allow municipal waste from the County to be delivered to the contracted site(s) or to any processing/ disposal site with a valid operating permit issued by the state in which the facility is located. Perry County retains, within the wording in the Interest Letter, the flexibility of contracting with one or with multiple disposal sites to secure the required MSW disposal capacity for ten (10) years by Perry County. Further, the intent of the SOI is to contract with all transfer stations that handle Perry County MSW and that conform to the requirements of the Interest Letter.

TRANSFER STATION AND DISPOSAL SITE SELECTION RECOMMENDATIONS

B&L explained the intent of the Commissioners' Office regarding the structure of the Interest Letter, and reviewed the responses to the Interest Letter from waste transfer stations and disposal facilities with the SWAC at a meeting on February 18, 2015. The SWAC discussed the pros and



cons of each disposal site and transfer station proposal in detail, as well as the benefits of contracting with just one or with multiple disposal sites.

Both Transfer Station Respondents and Diller's Transfer Station acknowledged their willingness to conform to the requirements of the Interest Letter. Further, compliance of transfer stations with the Plan Update goals and objectives benefits the County and aids with Plan implementation. Therefore, B&L recommended that these transfer stations be included as contractual partners of the County in the Plan Update, and that the three (3) Transfer Station Agreements be executed with the County. These transfer stations include: the Waste Management of Pennsylvania, Inc. D/B/A Camp Hill Transfer Station, the Mifflin County Solid Waste Authority Transfer Station, and Advanced Disposal's Diller Transfer Station. The SWAC unanimously endorsed this recommendation.

As noted above, the Interest Letter allows the flexibility for the County to contract with one or with multiple disposal sites. Due to some details of the Submittals received, the SWAC believes there is strong justification for recommending that Perry County contract with more than one disposal site:

- Nearly all disposal facilities have indicated their willingness to voluntarily donate or discuss donating free dump cleanup disposal capacity to Perry County agencies and organizations on an annual basis (as listed in Table 1). Contracts with multiple disposal sites will secure multiple donation commitments. Also, it shall be noted that other PA Counties have noted that WM offers free roll-offs to PA Cleanways for dump cleanups and this shall be considered and discussed in Perry County.
- It is important to recognize disposal sites that are currently used by Perry County's waste haulers. As documented in Table 3.1 of Chapter 3, the large majority of Perry County's MSW (approximately 99%) that was disposed between 2009 and 2013 was taken to the Harrisburg WTE (now known as SRMC), the Cumberland County Landfill and the Mountain View Reclamation Landfill, which all responded to the Interest Letter.
- The lack of Infectious and Chemotherapeutic Waste (ICW) disposal capabilities (a Special Handling type of MSW) by Waste Management's Mountain View Reclamation Landfill that is a current recipient of a substantial quantity of Perry County's MSW suggests that multiple disposal site contracts are warranted. See Table 1 of this memorandum.



- Tipping fees reported in Table 2 of this memorandum, although acknowledged to be “ceiling” rates, are variable, and suggest that a Respondent(s) with the most attractive ceiling tip fees should be included in the contracted disposal sites.
- The geographic distribution of Respondents was a consideration of the SWAC, acknowledging that proximity of disposal sites to various areas of the County’s residents is important, due to the potential impact of hauling costs on the County’s citizens and businesses.
- Multiple sites expressed a voluntary willingness in further discussing and potentially offering integrated waste and recyclables services and/ or program support in Perry County.

After much discussion, it became clear that contracting with a limited number of multiple disposal sites, taking various factors into consideration, would best serve Perry County’s needs. The SWAC unanimously recommends the Perry County Commissioners enter waste disposal capacity agreements with six (6) selected disposal facilities to provide disposal capacity to satisfy Perry County’s needs for the next ten (10) year planning period:

- Clinton County Landfill (willing to donate 50 TPY of free space for illegal dump cleanups; this site currently accepts waste from the Mifflin County Transfer Station, a known receiver of Perry County waste) – Lycoming County Landfill is the backup site for this facility.
- Laurel Highlands Landfill (a Waste Management facility willing to donate 100 TPY of free space for illegal dump cleanups; accepts bulky waste and residual waste, including a small amount of Marcellus Shale residuals) – WM’s Southern Alleghenies, Mountain View Reclamation and Evergreen Landfills are the backup sites for this facility.
- Mountain View Reclamation Landfill (a Waste Management facility willing to donate 0.05% of waste received from Perry County annually in free space for illegal dump cleanups; accepts bulky waste and residual waste, has not accepted Marcellus Shale residuals over the past three years; does not accept ICW waste) – WM’s Laurel Highlands Landfill is the backup site for this facility.
- Cumberland County Landfill (willing to donate 100 TPY of free space for illegal dump cleanups and consider further events on a case by case basis; accepts limited bulky waste items; accepts residual wastes, including Marcellus Shale residuals) – Other Advanced



Disposal Services facilities (not specifically specified) are listed as the backup sites for this facility.

- Susquehanna Resource Management Complex (SRMC) (a Lancaster County facility that does not accept ICW waste; no donation for illegal dump cleanups was provided; relatively high tipping fees; accepted a significant amount of Perry County waste over the past five years) – The Lancaster WTE is the backup site for this facility.
- Lancaster WTE (a Lancaster County facility that does not accept C&D, sewage sludge or ICW; no donation for illegal dump cleanups was provided; residual waste is accepted at this facility, but Marcellus Shale residuals are not accepted at this facility; relatively high tipping fees) – SRMC is the backup facility for this site.

It is recommended that Perry County execute Disposal Capacity Agreements with the six (6) recommended disposal facilities and the three (3) recommended waste transfer stations no later than July 31, 2015, when the County's current waste disposal contracts expire. It is recommended that Perry County discuss the donated capacity for illegal dump cleanups from the Mountain View Reclamation Landfill with Waste Management. Based on 2013 tonnages to Mountain View Reclamation, 0.05% donated capacity is equivalent to less than 1 ton of donated capacity. It is recommended that Perry County re-negotiate this percentage to a minimum of 0.5% or 100 TPY, equivalent to their donation from the Laurel Highlands Facility.

There is no need to include a procedure to add facilities to the Plan Update (after its adoption), since haulers in Perry County are able to deliver waste to any duly licensed waste disposal facility, in addition to the facilities listed in the Plan Update. The Perry County Commissioners retain the sole option of whether to entertain an application for inclusion in the Perry County Plan Update, based on the needs of the County at that time.

Each of the six (6) recommended disposal sites responded positively regarding their willingness to further discuss possible forms of support for the sustainability of integrated waste and recycling programs in Perry County. It is recommended that these discussions be pursued by the County, outside of this contracting process, at least with the disposal facilities and transfer stations that Perry County chooses to enter contracts.

February 18, 2015 1:00 PM

Commissioners' Meeting Room in the Veterans' Memorial Building

Please sign in!

[illegible]

PERRY COUNTY SOLID WASTE ADVISORY COMMITTEE MEETING MINUTES

February 18th, 2015

The Perry County Solid Waste Advisory Committee held its third meeting in the Commissioners' conference room, Veterans Memorial Building, 25 West Main Street New Bloomfield, PA at 1:00 PM.

Present at the meeting:

- Commissioner Brenda Benner
- Commissioner Paul Rudy
- Ashley Duncan – Barton & Loguidice
- Richard Baum – SWAC
- Kevin Bush – SWAC
- Glenn Holliman – SWAC
- Lonnie Sarver – SWAC
- Sean Sweeney – SWAC
- Sally Tengeres - Perry County Conservation District

Ashley Duncan, Engineer III, Barton & Loguidice, opened the meeting with housekeeping reminders for the committee members. Members were urged to track this meeting preparation and attendance time on the sign in sheet. Mileage is also needed. In addition, any hours that are spent in further review can be sent to Sally Tengeres at a later date.

Once the complete draft of the Plan is released for public review the file type will change from doc to pdf. All committee members indicated they reviewed the Chapters that were sent to them prior to the meeting.

At this point, the discussion proceeded to the third agenda item, leaving the second agenda item, Waste Disposal Capacity Interest Letter Discussion, for later.

The Committee then proceeded with reviewing the Chapters.

Chapter One, summarizes the types of waste included in the Plan and how those categories of waste are addressed in the Plan.

Chapter Two lists the permitted Bio solid sites, and where to take hard to recycle items such as Ag plastics (Zook's in Lancaster, Pa).

Chapter Three, Table 3.2 has the 10 year population projections from the 2015 Comprehensive Plan. The 2025 population estimate is lower than 2015 population. The method of calculating the numbers was questioned. This was followed by a discussion on how the population projections in the Plan were derived. It was indicated they came from the Perry County Comprehensive Plan which was based on the 2010 census. Ashley Duncan explained that the per capita waste generation numbers used the 2010 U.S. Census population and the five year waste disposal average for Perry County. Based on the 2010 U.S. Census population of Perry County and the average number of tons of Perry County trash reported at landfills over the past five years, the generation rate of Perry County residents was calculated at 0.35 tons/person/year. The National average is 0.8 tons per person per year. Ashley commented that .7 tons per person per year is probably more accurate for Perry County, but without solid and complete numbers it is still an estimate. Reasons for the difference between 0.35 and 0.7 may include, but are not limited to, trash not being documented to the correct County by transfer and landfill facilities, open burning and illegal dumping, and recyclers not reporting tonnages recycled. It was stressed that capturing the fate of Perry County trash and recyclables is important.

It was noted that the ICW and sewage sludge per capita waste generation calculations were also based on 2010 population and five year waste disposal averages. Most medical facilities in Perry County either autoclave or contract out ICW so those wastes do not go to a landfill nor are they tracked. Brenda Benner pointed out that farmers use a large amount of newspaper for bedding and those newspaper tons are not captured in the recycling or disposal tonnages. It

was asked if Perry County's low generation per person is typical of small rural counties. An example of a similar situation occurring in other counties was provided. Perry needs to capture the real recycling numbers to increase its recycling rates. Some dumping and mislabeling will always be occurring, but .35 tons per person per year is not realistic. However, .7 tons/person/year is a more realistic estimate. There was discussion on using .7 or .6 tons per person per year in the Plan rather than .8 tons/person/year. It was determined that it is just an estimate and decided that the difference between 0.6 and 0.7 tons per person per year was minimal and, based on the national average, the Plan Update will use 0.7 tons per person per year for the projection estimates.

Kevin Bush noted that landfills can only document what the hauler reports.

Rich Baum pointed out that spring clean ups help decrease dumping, and Carroll Township has an ordinance banning the open burning of toxic plastics. It was pointed out that a municipality needs an ordinance banning the burning of Act 101 recyclables in order to receive DEP grant funding. Based on the discussion it is probably likely that most of the discrepancy in generation numbers is probably rooted in mislabeling rather than illegal dumping.

The discussion moved on to Table 3.5 which illustrates what tonnage capacity the landfill facilities offered. Their offers exceeded what the County needed to meet assurance of capacity over the ten year planning period.

Chapter 4 was briefly reviewed since most of its contents were directly from the Solid Waste Advisory Committee. The environmental benefits from the required WARM model were provided. It was mentioned that the State set a 35% recycling goal which will be harder to achieve as packaging and containers are getting lighter.

The discussion moved on to the review of Chapter 5 and the Plan recommendations. All recommendations were reviewed, and there was discussion on the following.

Recommendation 5.5.1.2. Municipalities who contract with a hauler for services can reduce costs per person by increasing the efficiency of collection. A short discussion on subscription collection in rural areas ensued.

Recommendation 5.5.1.6. Recycling the same materials at every drop-off location will get simpler with single stream because you will not have the variation in types of materials collected between municipalities.

Recommendation 5.5.2.3. Vehicles with a GVW of less than 17,000 pounds can still be licensed and all haulers can be registered. The benefits of registering would be that the County would know what haulers are operating in the County, could require monthly reporting and could require that they provide educational outreach to residents. The County could track waste more accurately. There was concern that the added administrative costs to the haulers would be passed on to County residents. It was pointed out that the haulers should already be getting receipts for any trash or recyclables hauled and the additional time to provide this information to the municipalities or County should be minimal.

Recommendation 5.5.6.1. All municipalities adopt an open burning ban. It was discussed which materials are included and Ashley indicated at the very least Act 101 recyclables. In general there is opposition to anti burning ordinances in the County. Enforcement of such an ordinance was discussed. Generally, enforcement would be implemented through zoning. Again an open burning ban for Act 101 materials is requested at the municipal level to apply for Act 101 Section 904 grant funding.

Recommendation 5.5.9.1. Implement a Building Permit requirement that would require the recycling of any cardboard from building site development. It was stressed that the C.O.G. does not enforce current building permits, so adding additional enforcement criteria is not a good idea. This recommendation will be eliminated from the Plan due to potential lack of enforcement.

Recommendation 5.5.9.3 The CDRA Act was discussed. Lonnie Sarver said that Marysville Borough does not collect e-waste at this point in time. Kevin Bush noted that Bedford, Huntingdon and Fulton Counties have a very successful HHW collection program.

Recommendation 5.5.9.4. will be removed since there is no enforcement in place that deals with Construction and demolition waste at the municipal zoning/planning level.

Recommendation 5.5.9.10 Everyone was reminded that raising taxes is an option. The Closed Loop Fund was discussed where 0 percent interest loans are available for recycling projects. It was noted that if a County tax is imposed then Marysville Borough and Duncannon Borough, who already offer recycling curbside, may be left out, depending on what the tax will cover. It is recommended that if a tax is imposed it is imposed on all residents of Perry County as an environmental or green tax that may be used for a wide range of recycling and education initiatives, such as a Recycling Coordinator, school programs/competitions, e-waste collection events, HHW collections events, etc. It was pointed out that with contracted collection, if the hauler cannot offer recycling with trash collection then that hauler can be charged a fee by a Township that can be used to provide recycling services.

Chapters 6-15 were very briefly summarized.

The timeline of the Plan was discussed. The Plan should be ready for public review by the end of March, and the public meeting may be in June.

The Committee was asked that further comments be submitted by March 13th and asked if another SWAC meeting is needed. Sean Sweeney suggested we wait to see what public comments are received before deciding if we need an additional meeting. The SWAC agreed.

Kevin Bush, who is employed by Advanced Disposal, left the meeting before the discussion on the letter of interest responses. The landfills that responded were WM Mountain View Reclamation, Susquehanna Resource Management Complex (SRMC), Lancaster County WTE (LCSWA), Cumberland County Landfill, Wayne Township (Clinton County) Landfill, and WM Laurel Highlands. The transfer stations were WM Camp Hill and Mifflin County SWA. Ashley recommended that they all be included.

The facilities that offered free disposal capacity for illegal dump cleanups were: Cumberland County Landfill (100 tons/year), Clinton County Landfill (50 tons/year), WM Laurel Highlands Landfill (100 tons/year), and WM Mountain View Reclamation Landfill (0.05% of Perry County waste accepted annually). This capacity could be used with municipal spring clean ups and illegal dump clean ups. It was asked if trash had to be directly hauled to the facility or if a transfer station could be utilized. This would have to be determined by the facility. It was recommended that Perry County discuss the donation amount from WM Mountain View Reclamation Landfill (0.05%) which is a suspected typo and was possibly meant to be 0.5%. It is recommended that if this was not a typo, Perry County discuss increasing the donated capacity to at least 0.5% of Perry County waste accepted annually, or 100 tons/year, which was offered at the Laurel Highlands Landfill. Based on the tonnage accepted by WM Mountain View Reclamation in 2013 (1,568 tons), 0.05% of that tonnage is approximately 1 ton of donated capacity a year. At 0.5%, using 2013's tonnage, this is approximately 8 tons of donated capacity a year.

Sean Sweeney suggested that Diller's Transfer station be contacted as well since they are owned by Advanced Disposal. It was agreed that they should be included in the Plan Update since Advanced Disposal's Cumberland County Landfill was a respondent to the Interest Letter and is recommended to be included in the Plan Update, waste may be transported to the Diller Transfer Station, prior to disposal at the Cumberland County Landfill, and the facility is within 10 miles of the border of Perry and Cumberland County. A letter of interest will be sent to them as well.

Committee members were told that formal acceptance letters to the facilities will be sent in March, and meetings to discuss the agreements will be set up within the next month or two.

Ashley Duncan thanked everyone for their time and valuable input. Being no further comments, the meeting was adjourned at 3:15pm.

Respectively submitted,

Sally Tengeres

Proof of Publication (Public Notice)

Affidavit of Publication

County of Perry
State of Pennsylvania } ss:

LEGAL NOTICE

Perry County, Pennsylvania, in coordination with the members of the Solid Waste Advisory Committee (SWAC) and with assistance of a consultant, Barton & Loguidice, D.P.C. (B&L), has prepared a Draft Municipal Solid Waste Management Plan (Plan). The Plan projects waste disposal needs, recyclable quantities, and management techniques to handle those materials for the next ten years. The Plan requires that all municipal wastes generated in Perry County be disposed of at a Designated Processing/Disposal Facility identified in the Plan, or at any duly licensed disposal facility. Perry County has secured long-term disposal capacity commitments by entering contracts with a total of six (6) Designated Facilities in the area, as listed in Chapter 6 of the Plan. These contracts become effective in 2015.

The facilities anticipated to contract with Perry County to assure waste disposal capacity over the ten year planning period are: Clinton County Landfill, Cumberland County Landfill, Waste Management's Laurel Highlands Landfill, Waste Management's Mountain View Reclamation Landfill, Lancaster County's Waste to Energy Facility, and Lancaster County's Susquehanna Resource Management Complex (SRMC).

The Plan acknowledges the Perry County Commissioner's and the Conservation District as key service providers of integrated waste and recycling services and programs for County residents and businesses. Perry County intends to enhance and expand waste reduction and recycling through public and private partnerships to develop new recyclables drop-off facilities, outreach for more comprehensive reporting of recyclables collection, private partnerships for HHW, e-waste and illegal dump cleanups, increased education on waste reduction and recycling through websites and social media, and outreach to local schools to develop waste and recycling competitions and recycling awareness. Funding for increased programs was an issue discussed by members of the SWAC. Funding opportunities will be cultivated through sponsorships, partnerships, grant funding, increased education, and outreach.

Copies of the Plan will be available for review during normal business hours at the Perry County Conservation District office, 31 West Main Street, New Bloomfield. The Plan may also be obtained electronically on the Barton & Loguidice project

16, 2015). A person may submit their comments in writing, along with the specific reason for their comments, to: Barton & Loguidice, D.P.C., Attention Ms. Ashley Duncan, 3901 Hartzdale Drive, Suite 101, Camp Hill, PA 17011, ph. 717-737-8326, ext. 2316 (or via email to aduncan@bartonand-loguidice.com). A public meeting will be held to accept Plan comments on Wednesday June 17, 2015 at 1:00 PM in the Commissioner's Meeting Room located at the Veterans Memorial Building, 25 West Main Street, New Bloomfield.

Curt Dreibelbis being duly sworn (affirmed) according to law, deposes and says that he is the publisher of The News-Sun, Perry County Times, and Duncannon Record, newspapers published weekly at New Bloomfield, Perry County, Pennsylvania; and that the notice of which the annexed clipping from one of said newspapers, is a copy that was printed and published for 2 weeks in the regular editions and issues of said newspaper on the following dates 4/16/15, 4/23/15 that the affiant is not interested in the subject of said advertisement: and that all of the allegations of this statement as to the time, place and character of publication are true.

Curtis L. Dreibelbis

Subscribed and sworn to before me,
a Notary Public, this 4/23/15

Brittany A. Burkhardt

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
BRITTANY A. BURKHART, Notary Public
New Bloomfield Boro. Perry County, PA
My Commission Expires October 13, 2018

Public Meeting

PERRY COUNTY SOLID WASTE PUBLIC COMMENT MEETING

June 16, 2015, 1:00 p.m.
Commissioner's Meeting Room
25 West Main Street New Bloomfield, PA 17068

MEETING AGENDA

1. Summary of the Plan

- Substantial Plan Revision
- Perry County generates approximately 31,000 tons per year of municipal waste (excluding C&D waste and special handling waste). It is estimated that this generation rate will increase over the ten year planning period.
- There are four (4) landfills and two (2) waste-to-energy facilities that are tentatively included in the Plan and contracts are being executed with these facilities currently. Additionally, contracts are being executed with three transfer stations to accept Perry County waste. These transfer stations have agreed to accurately report Perry County waste and to provide weight tickets to Perry County.
- There are currently ten (10) public and private drop-offs in Perry County
- Outlets for e-waste and HHW are a concern – addressed in the Plan

2. Plan Finalization Schedule

- The mandatory 90-day public review and comment period for the Draft Plan began on April 16, 2015 and continues through July 16, 2015.
- Ashley will provide Sally a draft of a Plan Update County Adoption Resolution for County legal review and for use in county plan adoption
- Commissioners meeting in July?
- Tentative Perry County Plan Adoption in July/August
- Prior to adoption, Ashley will provide Sally with a draft Municipal Notification letter and draft Municipal Ratification Resolution for Solicitor review. This shall be shared with each municipality after Commissioners Ratification. This will begin the PADEP mandated 90 day Municipal Ratification Period.
- Sally shall keep track of municipal ratifications, emailing a copy to Ashley as they are received. Ashley will provide Sally a spreadsheet to keep track of resolutions received and to signify the County has met the PADEP mandate.
- The target date to submit the final adopted and ratified Plan to DEP is by the end of November 2015.

3. Comments on the Plan?

4. Adjournment

PERRY COUNTY SOLID WASTE MANAGEMENT PLAN PUBLIC MEETING

June 17, 2015 1:00 PM

Commissioners' Meeting Room in the Veterans' Memorial Building

| Name | Affiliation | Round Trip Mileage | Plan review hours | Meeting Hours | | |
|------------------|---|-----------------------|----------------------|---------------|----------|------------|
| | | | | Time In | Time Out | Total Time |
| Jason Finnerty | PCPC/TCRPC | 0 | 0 | 1:00 pm | 2:30 pm | 1.5 hrs |
| Paul Rudy | Commissioner | 0 | 0 | 1:00 pm | 2:00 pm | 1.0 hrs |
| Sean Sweeney | Wheatfield Township resident | 8 | 0 | 1:00 pm | 2:30 pm | 1.5 hrs |
| Jeff Schmidt | Spring Township resident (representing 8 families) | 15 | 0 | 1:00 pm | 2:30 pm | 1.5 hrs |
| Melinda Anderson | Bloomfield Borough | 0 | 0 | 1:00 pm | 2:30 pm | 1.5 hrs |
| Damion Harmon | Bloomfield Borough | 0 | 0 | 1:00 pm | 2:30 pm | 1.5 hrs |
| Sally Tengeres | Perry Conservation District | 0 | 0 | 1:00 pm | 2:30 pm | 1.5 hrs |
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PERRY COUNTY SOLID WASTE PUBLIC COMMENT MEETING MINUTES

June 17th, 2015, 1:00 p.m.

Perry County held its Public Comment meeting in the Commissioners' conference room, Veterans Memorial Building, 25 West Main Street New Bloomfield, PA at 1:00 PM.

Present at the meeting:

- Commissioner Brenda Benner
- Commissioner Paul Rudy
- Ashley Duncan – Barton & Loguidice
- Malinda Anderson- Bloomfield Borough Council
- Damion Harmon- Bloomfield Borough Council
- Jeff Schmidt – Spring Township Resident
- Sean Sweeney – SWAC Committee
- Jason Finnerty – Perry County Planning Commission/TCRP
- Sally Tengeres - Perry County Conservation District

Ashley Duncan from Barton & Loguidice opened the meeting and initiated self introductions by all attending. Ashley summarized background information on the work that has been done to date on the 2015 Municipal Solid Waste Plan, and explained that this is a substantial revision that requires municipal ratification. A substantial revision is required due to the County of Perry transferring its recycling program to its townships.

Ashley noted that the Plan assures capacity for the disposal of approximately 31,000 tons of Perry County waste (excluding C&D waste and special handling waste) per year allowing for an increase over the 10 year planning period. Tentatively, there will be contracts executed with 4 landfills and 2 waste to energy facilities. Contracts with 3 transfer stations are also being executed, with these facilities agreeing to accurately report Perry County Waste and provide weight tickets to the County to address the discrepancy between reported Perry County tonnage and estimated tonnage. Also, Ms. Duncan noted that the Plan does address the lack of recycling points for e-waste and HHW waste and provides recommendations to the County for increasing the collection of e-waste and HHW over the ten year planning period.

Ms. Duncan noted that there are currently 10 public and private recycling drop offs in Perry County. Municipal drop offs for Cocolamus Creek Disposal recycling bags are included in those 10 drop offs. Discussion ensued on the location of drop off sites, materials accepted and collection and recovery obstacles. The model for a key card site that is included in the Plan was also discussed.

Ms. Duncan opened the meeting to the members of the community in attendance to provide comments and questions on the Plan Update. A discussion regarding pay-as-you throw programs was discussed and questions answered on how these programs can be successful in rural areas, without encouraging illegal disposal. Members of the community then offered recommendations on the Plan. It was recommended that the Plan include language that encourages the County to work with municipal representatives to notify the municipal representatives and vice versa of recycling activities, programs, events and education for residents. It was also recommended that a link be added to the Perry County website for the municipal websites so that residents of the County can seamlessly transition between sites to obtain waste and recycling information. It was recommended that Perry County become/maintain a presence at local fairs and festivals in the community to use these events to educate residents on the importance of recycling, recycling collection events, hard to recycle outlets for members of the community, etc. Lastly, it was recommended that Perry County post recycling information at local post offices, libraries and government buildings to reach a larger audience.

B&L will incorporate these comments into the Plan, prior to Commissioner Ratification.

Ms. Duncan briefly reviewed the Plan finalization schedule and important dates.

The meeting was concluded at 2:15 pm.

Respectfully Submitted,

Sally Tengeres

Perry County Adoption Resolution

RESOLUTION 2015-8

WHEREAS, the County of Perry is required pursuant to Act 101 of July 28, 1988, P.L. 556, No. 101, 53 P.S. §4000.101 et seq., to periodically revise its Municipal Solid Waste Management Plan; and

WHEREAS, the County has accomplished the same in accordance with law; and

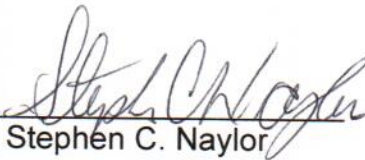
WHEREAS, 53 P.S. §4000.503(d) specifically provides that within sixty (60) days from the end of the public comment period that the County is required to adopt a plan and to provide said plan to municipalities within the County for ratification as more specifically set forth therein; and

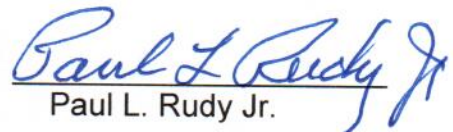
WHEREAS, said public comment period ended on July 16, 2015; and

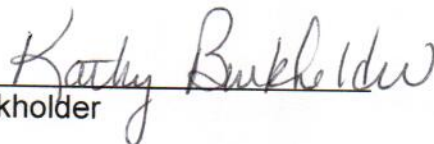
WHEREAS, the County is prepared to adopt said plan and to provide notice to municipalities within Perry County as provided by law.

NOW, THEREFORE, be it resolved by the Board of Commissioners of Perry County, Pennsylvania this 3rd day of August 2015, that the Perry County Municipal Solid Waste Management Plan of 2015, a copy of which is on file with the Chief Clerk of Perry County, be and is hereby adopted. Be it further resolved that notification of said adoption by the Board of Commissioners of Perry County and said plan shall be sent to each municipality within Perry County as set forth in 53 P.S. §4000.503(d).


Brenda K. Benner


Stephen C. Naylor


Paul L. Rudy Jr.

Witness: 
Kathy Burkholder



Copy of Notice to Municipalities
Municipal Ratification Period

COMMISSIONERS

BRENDA K. BENNER
CHAIRMAN

STEPHEN C. NAYLOR
VICE-CHAIRMAN

PAUL L. RUDY JR.
SECRETARY



PERRY COUNTY COMMISSIONERS
PO BOX 37
NEW BLOOMFIELD, PA 17068-0037
PHONE (717) 582-2131
FAX (717) 582-5162

WILLIAM R. BUNT
SOLICITOR

KATHY L. BURKHOLDER
CHIEF CLERK

GLADYS K. CARNS
SECRETARY

August 11, 2015

Re: Perry County Municipal Waste Management Plan, 2015 Update
Municipal Notification of Review and Comment Period for final approval

Dear Municipal Officials,

The new Perry County Municipal Waste Management Plan (Plan), serving the ten (10) year municipal waste and recycling needs of Perry County, has been completed by the Perry County Commissioners in coordination with the Perry County Conservation District, the Tri-County Planning Department, and the Project Consultant (Barton & Loguidice, D.P.C.), and is now available for final review. The Plan includes the use of any duly state-permitted facility for municipal waste handling and disposal. Perry County anticipates contracting with six (6) disposal facilities (all of which are anticipated to be under contract with the County before the end of 2015), and three transfer stations for waste disposal capacity assurance and accurate reporting of waste and recycling volumes.

The Plan acknowledges the County's desire to increase recycling efforts over the ten year planning period, through implementation of a public/private partnership between the County, municipalities, local haulers, local businesses and waste disposal facilities. Opportunities for revenue sources to support an increased recycling program in the County are discussed in Chapter 5 of the Plan Update.

A 90-day Public Comment Period on the Draft Plan began on April 16, 2015, during which time comments from residents and businesses located within the County were accepted. A Public Hearing was held in Perry County on Wednesday, June 17, 2015 at 1:00 PM in the Commissioner's Meeting Room located at the Veteran's Memorial Building in New Bloomfield to accept questions and comments from interested parties, and to present a brief summary of the Draft Plan. This hearing was open to all interested parties and was advertised in the Perry County Times.

The 90-day Public Comment Period ended on July 16, 2015 and only comments from the citizens present at the Public Comment Meeting were received. A Final version of the Plan was prepared for submission to the Commissioners of Perry County for adoption. The Plan was discussed at a public meeting in Perry County on August 10th. The Municipal Waste Management Plan was adopted by Perry County Commissioners on August 10, 2015.

The Plan can be accessed, downloaded and reviewed electronically on the Barton & Loguidice project website at:
www.bartonandloguidice.com/PerryCountyMWMP.htm.

A hard copy of the Perry County Plan is available for review from the Chief Clerk of Perry County during normal business hours.

The final step in the review process is a **90 day municipal ratification period** ending November 11, 2015. This process consists of each Municipality responding to this mailing via the **Ratification Response Form** (see attached), or a letter on Municipal Letterhead, providing approval of the Final Plan.

Please mail responses or direct questions to the designated individual listed below:
Sally Tengeres, P.O. Box 36, 31 West Main Street, New Bloomfield, PA 17068; (717) 582-5139

Sincerely,

A handwritten signature in cursive script that reads "Kathy Burkholder". The signature is written in black ink and is positioned above the printed name and title.

Kathy Burkholder
Chief Clerk

Perry County Municipal Ratifications

| Perry County | | |
|--|--------------------------|--------------|
| Municipality | Population (2010 Census) | Ratified |
| Blain Borough | 263 | 11/4/2015 |
| Bloomfield Borough | 1247 | 10/6/2015 |
| Buffalo Township | 1219 | |
| Carroll Township | 5269 | |
| Centre Township | 2491 | |
| Duncannon Borough | 1522 | |
| Greenwood Township | 998 | 8/19/2015 |
| Howe Township | 393 | |
| Jackson Township | 547 | 9/24/2015 |
| Juniata Township | 1412 | 9/9/2015 |
| Landisburg Borough | 218 | |
| Liverpool Borough | 955 | 11/9/2015 |
| Liverpool Township | 1057 | 9/1/2015 |
| Marysville Borough | 2534 | |
| Miller Township | 1098 | |
| Millerstown Borough | 673 | 9/14/2015 |
| New Buffalo Borough | 129 | |
| Newport Borough | 1574 | |
| Northeast Madison Township | 786 | 9/8/2015 |
| Oliver Township | 1931 | |
| Penn Township | 1931 | 9/30/2015 |
| Rye Township | 3225 | |
| Saville Township | 2364 | |
| Southwest Madison Township | 2502 | |
| Spring Township | 2208 | 10/5/2015 |
| Toboyne Township | 443 | |
| Tuscarora Township | 1189 | |
| Tyrone Township | 2124 | |
| Watts Township | 1265 | |
| Wheatfield Township | 3334 | |
| Total Population | 45969 | |
| > 50% of Total Population Needed from > 16 of the Municipalities | 23,451 | 12077 |

MUNICIPAL RATIFICATION FORM FOR
PERRY COUNTY PLAN REVIEW AND APPROVAL

11/5/15 [Date]

Borough of Blain [Name of Municipality]

I, the undersigned, confirm that the Perry County Municipal Solid Waste Management Plan has been reviewed and discussed by Borough of Blain [insert municipality name]. By this letter, the municipality gives their ratification and support for the adoption of the Plan.

Melissa

[Date of Municipal Council/Board Action]

Melissa Turman

[Duly Authorized Signature of Representative of the Municipal Council/Board Member]

Melissa Turman, President

[Name & Title of Representative of the Municipal Council/Board Member]

[Please attach a copy of any official ratification action]

MUNICIPAL RATIFICATION FORM FOR
PERRY COUNTY PLAN REVIEW AND APPROVAL

10/06/15 [Date]
Bloomfield Borough [Name of Municipality]

I, the undersigned, confirm that the Perry County Municipal Solid Waste Management Plan has been reviewed and discussed by Bloomfield Borough Council [insert municipality name]. By this letter, the municipality gives their ratification and support for the adoption of the Plan.

Oct 6, 2015
[Date of Municipal Council/Board Action]

John M Long
[Duly Authorized Signature of Representative of the Municipal Council/Board Member]

John M Long, President, Bloomfield Borough President
[Name & Title of Representative of the Municipal Council/Board Member]

[Please attach a copy of any official ratification action]

October 6, 2015

Page 3

PABB01409

Waste Plan- President Long reported that a letter was received from the Perry County Commissioner's Office that there is a Perry County Waste Management Plan on file and they would like the Boroughs to ratify it. The plan has to do with recycling and where the facilities would be, etc. Councilman Woods made a motion, seconded by Councilwoman Anderson, to give approval to the Waste Management Plan update based on President's Long knowledge of it. Motion carried.

Tax Collector Deputy - Nancy Pote, the Tax Collector, would like a deputy assigned since Mrs. Pote plans to resign at the end of the year. Jayne Eckert was going to start in January, but may not be able to do so now. Mrs. Pote is running for auditor and if elected she must give up the tax collector position. Mrs. Eckert will have to be bonded. Discussion followed. Councilwoman McCarty made the motion, seconded by Vice President Patterson, to appoint Jayne Eckert as tax collector deputy for the remainder of this year (2015) on a conditional basis (assuming Nancy Pote leaves her post and Jayne accepts the job in January). Motion carried.

Television Cable - Councilwoman Anderson reported Nittany Media is being uncooperative, so the Cohen Law Group is putting the pressure on them. The wireless ordinance has been received as a draft copy. Councilwoman Anderson and Councilman Pray will review. Once the draft is approved a public hearing will be held.

Water Authority Report - President Long stated the Water Authority provided the Borough with official documentation for future plans which includes construction of a new treatment building, water tank, underground piping, etc. The plans will be on file with the Borough.

Ed Albright reported that Well 3 should be operational December 1, 2017. A "Schedule for Completion of Well 3 and Associated Tasks" will be on file at the Borough Office. The pump at Well 2, located at Perry Village, is going out and will need replaced. Once Well 3 comes on line the Borough will need to get rid of Well 2 or get it permitted.

Planning Commission Report - covered everything previously

Zoning/Permit Officer's Report - Mr. Albright reported he issued 3 zoning permits and 1 sewer permit in September.

Administrative Committee Report - Councilwoman McCarty reported the ramp is almost complete. The concrete needs to be cleaned up before painting with sealer. Councilwoman McCarty picked up linseed oil to be applied to the concrete to protect it from the salt. The sump pump was ordered to replace the one in the Scout room. The lease has been renewed for Diakon for 3 years. Councilwoman Anderson will contact the potential renter for the downstairs room. The refrigerator in the library kitchen broke down and will not be replaced.

FEMA/PEMA - No report.

PCBA/COG - Mr. Albright attended the meeting and stated it was not informative

Capital Tax Collection Bureau - Councilman Pray had no report.

MUNICIPAL RATIFICATION FORM FOR
PERRY COUNTY PLAN REVIEW AND APPROVAL

19 Aug 2015 [Date]

Greenwood Township [Name of Municipality]

I, the undersigned, confirm that the Perry County Municipal Solid Waste Management Plan has been reviewed and discussed by Greenwood Township [insert municipality name]. By this letter, the municipality gives their ratification and support for the adoption of the Plan.

19 Aug 2015

[Date of Municipal Council/Board Action]

Purnell E. Draxler

[Duly Authorized Signature of Representative of the Municipal Council/Board Member]

Purnell E. Draxler / Greenwood Township Supervisor

[Name & Title of Representative of the Municipal Council/Board Member]

[Please attach a copy of any official ratification action]

MUNICIPAL RATIFICATION FORM FOR
PERRY COUNTY PLAN REVIEW AND APPROVAL

September 24, 2015

Jackson Township

I, the undersigned, confirm that the Perry County Municipal Solid Waste Management Plan has been reviewed and discussed by Jackson Township. By this letter, the Township gives their ratification and support for the adoption of the Plan.

September 24, 2015


Chairman, Jackson Township Supervisors

Jackson Township Supervisors

Meeting Minutes August 27, 2015

Jackson Township Supervisors - Billy Smith, Brad Smith and Jeff Trout - and Secretary Darlene Smith met Thursday, August 27, 2015 at 6:30 PM in the township building. Visitors present were Lt. Craig Stine of the Pennsylvania State Police (PSP), Logan Bower, Marie Brummett and Ed Martin.

Chairman called the meeting to order. Jeff moved and Brad seconded to approve the minutes for July 30, 2015; unanimous. Jeff also moved to approve the August financial statement as presented; seconded by Brad; unanimous.

OLD BUSINESS:

1. BIU/PCCOG: BIU inspections: July inspections were 4 passed by Jim Riggs; Brian Mummert passed 2 inspections.
 - o Permits:
Dog Kennels on Back Hollow Road: no response.
 - o Doug S. Hitt: BIU Eric Nash will be contacting him on the electrical inspections for the meter panels and the "cabin." He will also be looking at their pool. No SEO inspection on the "cabin" yet.
 - o Solar panels: Still no word from BIU.
 - o Ed Martin and Marie Brummett were present to complete an Assessment Permit application for a 10'x16' Amish shed to be used for tool storage. Supervisors approved application.
 - o COG meeting will be Thursday, 9/10/15 at 7 PM in Bloomfield Boro Chambers.
2. Juniata Sewage Committee (JSC):
 - o Ordinance 2015-01 to join the JSC has been advertised for adoption at this meeting. Brad moved to adopt Ordinance 2015-01 to join the Juniata Sewage Committee for Jackson Township's sewage enforcement requirements under the PA Sewage Facilities Act; Jeff seconded; unanimous.
 - o Articles of Agreement of Co-Operation as a member of JSC: Brad moved to accept the Articles of Agreement of Co-Operation; Jeff Seconded; Unanimous.
 - o Resolution 02-2015: Brad moved to pass this resolution which establishes JSC permit application fees/charges, permit application procedures and employment of SEO pursuant to Sewage Facilities Act; seconded by Jeff; unanimous.
 - o Dave Rice's only concern is the debt that JSC incurred prior to our joining the Committee; however he added the paragraph in the Articles of Agreement that Jackson Township would not be held responsible for any debt incurred prior to 1/1/15 should the Committee default on the loan. JSC board members approved the addition of this paragraph at their meeting 8/19/15.
 - o SEO Kratzer's vehicle has died. A deal was made for a used Ford Escort at Sheaffers in Mexico for \$8,000. Turbett Township and Spruce Hill Township JSC representatives co-signed for the loan.
3. Enduro Race 6/28/15. No word on ad bill from SORR.
4. COSTARS salt: 2015-16: Morton Salt will be our salt supplier at \$75.85/ton. Brad will order 3 loads of salt for delivery.
5. Perry County Crime Stoppers: Their next meeting will be 10/27/15 at noon in New Bloomfield Boro Building. Their meetings are held once quarterly on 4th Tuesday.

Hoover Bros. Inc. (3 truck inspections) 1st one \$794.75
Hoover Repair
Blain Supply
RE Smith (numerous bills)
August- twp lot mowing (Brad) \$125
Deibler, Straub & Troutman \$7,752.00
Advanced Publications (ordinance ad) \$71.25
U.S. Municipal (road signs) \$114.90
Mary L. Smith (tractor rental roadside mowing) \$1,800.00
Wilson's Paving Inc. (July) \$2,003.39 (June) \$1,911.76
PSATS (Brad - drug test) \$60.00
Perry County Recorder's Office (file ordinance) \$13.50
Morton Salt (state check)

Next township meeting will be Thursday 9/24/15 at 6:30 PM. Meeting adjourned at 8:50 PM.

Respectfully submitted,


Darlene Smith, Secretary

August 27, 2015 minutes were approved at the September 24, 2015 Jackson Township Supervisors' meeting.


Darlene Smith, Secretary

MUNICIPAL RATIFICATION FORM FOR

PERRY COUNTY PLAN REVIEW AND APPROVAL

9/9/2015 [Date]

Junietta [Name of Municipality]

I, the undersigned, confirm that the Perry County Municipal Solid Waste Management Plan has been reviewed and discussed by Junietta Township [insert municipality name]. By this letter, the municipality gives their ratification and support for the adoption of the Plan.

9/9/2015

[Date of Municipal Council/Board Action]

CRIST HESS, CHAIRMAN OF THE SUPERVISORS

[Duly Authorized Signature of Representative of the Municipal Council/Board Member]

[Signature]

[Name & Title of Representative of the Municipal Council/Board Member]

[Please attach a copy of any official ratification action]

July Hlinder
Secretary Treas.

Juniata Township Meeting
September 9, 2015 -7:30 p.m.

The regular meeting of the Juniata Township Board of Supervisors was held Wednesday, September 9, 2015 at 7:30 p.m. in the Wila Municipal Building. Those present were Crist Hess, Brett Beaver and John Hess, Jr.; also Attorney William Dissinger and an interested citizen. Chairman Hess called the meeting to order at 7:30 p.m. with everyone standing for the Pledge of Allegiance.

There were no persons to be heard so we went into correspondence. We received a thank you note for our donation to Perry County Crime Stoppers. We review the Perry County Waste Management Plan, serving ten years municipal waste and recycling needs of Perry County. The Municipal Waste Management Plan was adopted by Perry County Commissioners on August 10th, 2015. We are now in the 90 day municipal ratification period ending November 11, 2015. Crist made a motion to ratify the Perry County Municipal Waste Management Plan, 2015 update, Brett Second.

We have not received any bids for the DSA job; Perry County Excavating was interested but had a problem with the time line so that job is on hold until next year.

Zoning Officer's Report

At this time there is not much going on in the township.

The tractor is done but it still has a hydraulic leak that will have to be fixed in the future we need to use it at this time.

Paving is done and the tar and chipping.

Old Business – Scott Wright Plan is still off the table it runs out in November.

Crist called the state about the situation on Middle Ridge Road at Rick Lambs driveway. The state will mow their right of way at Lambs Property and Paul Tobias's property. Tobias does not have a sign permit that is required for not mowing the state right of way.

New Business

On a Brett Beaver/John Hess motion the minutes were approved as presented.

On a Brett Beaver/Crist Hess motion the treasurer's report was approved as read.

On a Brett Beaver/Crist Hess motion the bills were paid as presented.

Crist made a motion to adjourn at 8:04 p.m., Brett second.

Crist made a motion to approve all motions made here tonight, John second, motion was unanimous.

Respectfully Submitted, Trudy Fleisher



A circular official seal of Juniata Township is partially visible on the left side of the page, overlapping the signature. The seal contains the text "JUNIATA TOWNSHIP" and "PA" at the bottom.

MUNICIPAL RATIFICATION FORM FOR
PERRY COUNTY PLAN REVIEW AND APPROVAL

11/9/15 [Date]

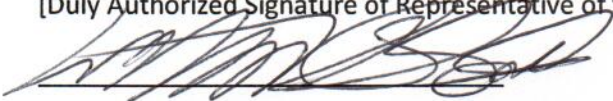
LIVERPOOL BORONHI [Name of Municipality]

I, the undersigned, confirm that the Perry County Municipal Solid Waste Management Plan has been reviewed and discussed by LIVERPOOL BORONHI [insert municipality name]. By this letter, the municipality gives their ratification and support for the adoption of the Plan.

[Date of Municipal Council/Board Action]

11/9/15

[Duly Authorized Signature of Representative of the Municipal Council/Board Member]



[Name & Title of Representative of the Municipal Council/Board Member]

[Please attach a copy of any official ratification action]

WALTER S. TEATS III

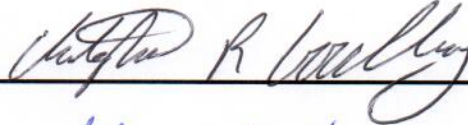
LIVERPOOL TOWNSHIP, PERRY COUNTY

BOARD OF SUPERVISORS

1121 Ridge Road, Liverpool, PA 17045 (717) 444-7321

September 1, 2015

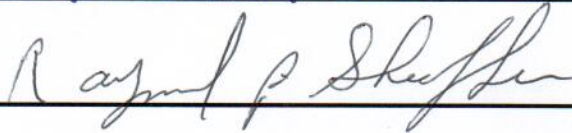
We, the undersigned, confirm that the Perry County Municipal Solid Waste Management Plan has been reviewed and discussed by the Board of Supervisors of Liverpool Township, Perry County. By this letter, the municipality gives their ratification and support for the adoption of the Plan.



Christopher Goodling, Chairman

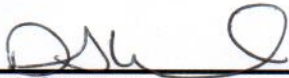


Gerald Holman, Vice Chairman



Raymond Sheaffer, Supervisor

ATTEST:



Donna J Wood, Secretary

MUNICIPAL RATIFICATION FORM FOR

PERRY COUNTY PLAN REVIEW AND APPROVAL

9/14/15 [Date]

Millerstown Borough [Name of Municipality]

I, the undersigned, confirm that the Perry County Municipal Solid Waste Management Plan has been reviewed and discussed by Millerstown Borough [insert municipality name]. By this letter, the municipality gives their ratification and support for the adoption of the Plan.

9/14/15

[Date of Municipal Council/Board Action]

[Signature]

[Duly Authorized Signature of Representative of the Municipal Council/Board Member]

President, Borough Council

[Name & Title of Representative of the Municipal Council/Board Member]

[Please attach a copy of any official ratification action]

MUNICIPAL RATIFICATION FORM FOR
PERRY COUNTY PLAN REVIEW AND APPROVAL

09/08/2015 [Date]

Northeast Madison Township [Name of Municipality]

I, the undersigned, confirm that the Perry County Municipal Solid Waste Management Plan has been reviewed and discussed by Northeast Madison Township [insert municipality name]. By this letter, the municipality gives their ratification and support for the adoption of the Plan.

09/08/2015

[Date of Municipal Council/Board Action]

Harold E. Palm

[Duly Authorized Signature of Representative of the Municipal Council/Board Member]

Harold E. Palm - Supervisor

[Name & Title of Representative of the Municipal Council/Board Member]

[Please attach a copy of any official ratification action]

MUNICIPAL RATIFICATION FORM FOR

PERRY COUNTY PLAN REVIEW AND APPROVAL

10/6/15 [Date]

Penn Township [Name of Municipality]

I, the undersigned, confirm that the Perry County Municipal Solid Waste Management Plan has been reviewed and discussed by Penn Township [insert municipality name]. By this letter, the municipality gives their ratification and support for the adoption of the Plan.

9/30/15

[Date of Municipal Council/Board Action]

Helen Klinepeter

[Duly Authorized Signature of Representative of the Municipal Council/Board Member]

Helen Klinepeter, Secretary

[Name & Title of Representative of the Municipal Council/Board Member]

[Please attach a copy of any official ratification action]

MUNICIPAL RATIFICATION FORM FOR
PERRY COUNTY PLAN REVIEW AND APPROVAL

10/05/15 [Date]

SPRING TWP [Name of Municipality]

I, the undersigned, confirm that the Perry County Municipal Solid Waste Management Plan has been reviewed and discussed by Spring Twp. Supv. [insert municipality name]. By this letter, the municipality gives their ratification and support for the adoption of the Plan.

 Chairman

[Date of Municipal Council/Board Action]

[Duly Authorized Signature of Representative of the Municipal Council/Board Member]

[Name & Title of Representative of the Municipal Council/Board Member]

[Please attach a copy of any official ratification action]

Executed Agreements

**DOCUMENTS TO BE INCLUDED DURING
IMPLEMENTATION PERIOD**

[Reserved]
