

SUSSEX COUNTY SOLID WASTE MANAGEMENT PLAN AMENDMENT 2007

TO THE SUSSEX COUNTY DISTRICT SOLID WASTE MANAGEMENT PLAN

JUNE 4, 2008



Plan Amendment 2007-

Amend the Sussex County District Solid Waste Management Plan to include updates of various sections and programs of the Sussex County District Solid Waste Management Plan in compliance with the mandates of the updated Statewide Solid Waste Management Plan adopted January 3, 2006.

Revisions approved by Solid Waste Advisory Committee on May 13, 2008

Revisions Approved by Board of Chosen Freeholders on June 4, 2008

SOLID WASTE MANAGEMENT PLAN AMENDMENT 2007

TO THE SUSSEX COUNTY DISTRICT SOLID WASTE MANAGEMENT PLAN

Table of Contents

PLAN UPDATES	1
1. Summary	1
Updated Programs	1
2. Solid Waste Strategy	4
Updated Ten-Year Projection of Generated Waste Amounts	4
3. Recycling Initiatives.....	5
Strategy to achieve the 50% Municipal Solid Waste (MSW) recycling goal	7
4. Sussex County Solid Waste Facilities.....	9
Inventory of Solid Waste and Recycling Facilities in Sussex County:.....	11
5. Future Strategy -- Planning Direction	16
CODIFIED RECYCLING ELEMENT	19
1. FINDINGS	19
2. PURPOSES	20
3. SCOPE	20
4. DEFINITIONS	21
ADDITIONAL DEFINITIONS	21
5. PUBLIC RECORD	22
6. STANDARDS FOR RESIDENTIAL GENERATORS OF SOLID WASTE.....	22
7. RESPONSIBILITIES OF RESIDENTIAL GENERATORS	24
I. Single dwelling:	24
II. Duties of Owners of Multiple Dwellings	24
III. Duties of Occupants of Multiple Dwellings.....	25
8. STANDARDS FOR NON-RESIDENTIAL GENERATORS OF SOLID WASTE (COMMERCIAL AND INSTITUTIONAL).....	26
9. RESPONSIBILITIES OF NON-RESIDENTIAL GENERATORS	28
10. RESPONSIBILITIES OF SOLID WASTE/RECYCLING TRANSPORTERS	29
11. RESPONSIBILITIES OF MUNICIPALITIES	29
I. Municipal Recycling Coordinators.....	29
II. Other Municipal Responsibilities:.....	30
12. RESPONSIBILITIES OF THE COUNTY RECYCLING COORDINATOR	32
13. ENFORCEMENT BY SUSSEX COUNTY DIVISION OF HEALTH	33
14. CONSTRUCTION AND SEPARABILITY	36
15. RESOURCES.....	36
Appendix A: - Guidelines For Evaluation of Solid Waste Facility Requests To Amend or be Included In The Sussex County Solid Waste Management Plan	37
1. Plan Amendment & Facility Plan Inclusion Process	37
2. Evaluation Criteria	40
3. Submission Information.....	40

Applicant Information	40
Site and Facility Information	41
Process Design and Operation	42
Applicant's Certification	45
Appendix B: Summary of Method of Solid Waste Collection	47
Appendix C: Municipal Separation Ordinances	48
Andover Township.....	48
Franklin Borough	49
Green Township.....	52
Hampton Township.....	54
Hamburg Borough.....	54
Hardyston Township	55
Borough of Hopatcong.....	56
Lafayette Township.....	57
Town of Newton	59
Sandyston Township	62
Sparta Township	64
Sussex Borough.....	67
Vernon Township.....	70
Wantage Township	71

PLAN UPDATES

1. Summary

In its ongoing effort to remain current with the dynamic changes occurring in the areas of solid waste and recycling, Sussex County continually updates its District Solid Waste Management Plan via Plan Amendments and Administrative Actions. This specific Amendment reflects program changes that have not previously been discussed and approved in the Plan as well as proposals for the future. The Amendment contains several sections: Updated programs, including School Recycling Initiatives, Educational Outreach, Improved Recycling Tonnage & Information, Ten-Year Projection of Generated Waste Amounts, Recycling Initiatives, Source Reduction Strategies, expanded Enforcement, Inventory of Solid Waste and Recycling Facilities, and Evaluation of Solid Waste Facility Requests To Amend or be Included In The Sussex County Solid Waste Management Plan.

Sussex County municipalities will have six months from the date of NJDEP certification of this amendment to update their municipal ordinances so they are consistent with the County Solid Waste Management Plan.

Updated Programs

The following programs have been implemented since the last update:

1. School Recycling Initiatives:

School education and outreach efforts have been implemented through Municipal Recycling Coordinators during the last few years to increase recycling awareness. Individual efforts have included waste audits, school assemblies, and poster and poetry contests to name a few. To reinvigorate recycling programs in local schools, the County has worked with Buildings & Grounds Superintendents, Municipal Recycling Coordinators and contracted haulers to assess the status of existing programs. In addition, the County has coordinated the donation of recycling containers and equipment for school recycling programs. Over 400 containers have been donated to the schools. County personnel have made presentations to classrooms and school groups, both at individual schools and with tours of the landfill/recycling center/compost facility at the Sussex County Municipal Utilities Authority. These efforts will continue.

Future plans to increase school recycling include:

- Inspections in schools; pamphlets that describe recycling requirements will be provided by inspectors to administration, staff, and faculty
- Continuation of education activities listed above, supplemented by a recently published Public Service Announcement
- Future programs that generate cooperation between school administration, waste haulers, school staff and faculty, and students, to promote self-sustaining recycling activity
- The County will encourage municipalities to partner with schools within their District in purchasing/donating containers and other equipment so that schools can initiate or enhance their recycling programs.

- The County will develop an incentive program with schools and Municipal Recycling Coordinators for the collection of recyclable materials.

2. Household Battery Recycling Program: This program has been expanded to include specific containers for free drop-off at the SCMUA Recycling Center for residents and businesses during facility operation hours. All batteries are processed by a contracted vendor. Since 2000, the program has received 89,060 pounds/44.53 tons of batteries. In addition, several municipalities that provide drop-off locations include containers for battery collection.

3. Consumer Electronics Recycling Program: The SCMUA sponsored Consumer Electronics Program began in 2001. SCMUA has a contract which specifies that the vendor must provide staff, at the SCMUA, to provide the collection and recycling service for four events held at the Solid Waste Facility for eligible residents and businesses. The events are free to the public. Acceptable items include televisions, general electronics, computers and peripherals, cell phones, and mercury containing devices. Since its inception in 2001, the program has generated 268,040 pounds /134.02 tons of electronics, with 198,120 pounds/99.06 tons of the electronics recycled in 2005. This program has been augmented by the SCMUA's daily source separation, collection and recycling of consumer electronics from the solid waste stream.

4. Non-Regulated Medical Waste Collection Program: The Non-Regulated Medical Waste Collection Program began in late 2005 with scheduling one day per month collection by a medical waste management company at the SCMUA Solid Waste Facility. SCMUA's contract specifies that the vendor must provide staff at the SCMUA for collection and disposal of non-regulated medical waste. The purpose of this program is to provide a service to remove from the waste stream and properly dispose of home-generated medical waste. Since the inception of the program, approximately 36 collection events have resulted in more than 700 pounds of medical waste received from over 85 residents. The SCMUA plans to continue these events in the future.

5. Paper Shred Program: A pilot Paper Shred Program was started in 2006 at the SCMUA Solid Waste Facility. A mobile paper shredding truck was contracted for one day per month at the SCMUA Recycling Center, to provide secure document destruction for Sussex County residents and businesses, at a nominal fee. This program has allowed residents and businesses to recycle their old documents and confidential files safely and securely. Six events were held in 2006, with over 5,500 lbs/2.76 tons recycled. Collectively, over 700 residents brought over 26,000 pounds/13 tons of paper for recycling to these events. The SCMUA has planned to continue these events for 2007.

6. Propane Tanks: In 2002, manufacturers were required by law to install new valves—overfill prevention devices (OPD's)—on propane tanks to prevent the overfilling of tanks. Old tanks without this new valve were prohibited from being refilled in New Jersey. Due to these new regulations, many residents had non-compliant tanks requiring recycling. To address this large influx of tanks, the County organized collection of propane tanks at the SCMUA Solid Waste Facility. Tanks were consolidated at the SCMUA Solid Waste Facility and were picked up at no cost by an out of state market. Since 2002, the SCMUA collected over 7,429 propane tanks and over 232,400 pounds/116.20 tons were recycled. Propane tank collection is an ongoing county program at the SCMUA.

7. Tires: The County has always collected used car & truck tires, with or without rims, and augmented this with a recycling initiative back in 1999 with an SCMUA amnesty program. It is estimated that the SCMUA has collected 216.66 tons in 2005 and 280.38 tons of used tires in 2005 and 2004 respectively.

8. Used Motor Oil: In 2005, the SCMUA collected for recycling 29,011.43 gallons of used motor oil and 3,580 gallons of antifreeze.

9. Fluorescent Lamps: In 2005, the NJDEP issued a Compliance Advisory for the handling of fluorescent lamps/bulbs. Fluorescent lamps/bulbs contain small amounts of mercury vapor and are categorized as "Universal Waste". The SCMUA has included fluorescent lamps and bulbs as part of the Household Hazardous Waste collection events for 2007. To minimize exposure due to breakage and reduce the number of fluorescent lamps in the landfill, the SCMUA has also instituted a daily Fluorescent Lamp Collection and Recycling Program.

10. Street Sweepings: The SCMUA currently accepts street sweepings from municipal sources only, pursuant to NJDEP policies and procedures. The street sweepings are stored within landfill containment and utilized as alternative daily cover. Street sweepings from outside the County may be disposed with a surcharge.

Educational Outreach, Improved Recycling Tonnage & Information

To Residents: The SCMUA has developed an informational/educational brochure that provides a list of designated recyclable materials for Sussex County, along with locations within the Solid Waste Facility for proper disposal and recycling. In addition the brochure provides dates of scheduled Household Hazardous Waste and Electronic Waste, Medical Waste and Document Destruction Days.

To Municipal Recycling Coordinators: The coordinated campaign for increasing recycling awareness and compliance is that all Municipal Recycling Coordinators receive a supply of SCMUA brochures to provide for residents and businesses. A recycling tonnage grant workshop is also held on an annual basis with NJDEP to assist Coordinators in preparing more accurate reports, using an electronic format and submitting to NJDEP on a timely basis.

To Businesses: The Sussex County Recycling Coordinator has coordinated with Municipal Recycling Coordinators to prepare an Annual Recycling Report form for businesses. Sussex County businesses are provided with the form to report actual tonnage of recyclable materials recorded for the calendar year. The SCMUA prepares a database of all commercial tonnage reports, by municipality. Municipalities then utilize the database to complete their annual tonnage reports. The database provides an easy, accurate way for the recycling information to be recorded. In addition, the SCMUA has taken an active role in gathering tonnage information by contacting markets, recycling facilities, and haulers in and outside Sussex County.

2. *Solid Waste Strategy*

Updated Ten-Year Projection of Generated Waste Amounts

Sussex County is faced with an increase in solid waste generation. With both a growing consumer economy and population, there has been an upward spiral of solid per-capita waste being generated statewide. Sussex County is sustaining a constant 5% population increase every 5 years (when a census or survey has taken place) versus a statewide average growth of roughly 3.6% from 2000 to 2005. Many other counties in New Jersey have also historically had more industrial activity than Sussex County. Whereas declining industry in other parts of the state can assuage the increase in consumer-related solid waste, Sussex County does not experience that mitigating effect. As a result, solid waste generation in the County is more volatile. For example, Sussex County threw out 12% more waste in 2003 as in 2002, compared to a statewide increase of 3%. (DEP/DSHW data)

Fortunately, Sussex County throws away less than most of the rest of New Jersey. Based on 2003 population estimates, there was an average of 12.5 lb/day thrown away (disposed of and recycled) by New Jersey residents. In 2003, the generation rate of all waste in Sussex County was 237,253 tons of solid waste¹, which corresponds to 8.75 lbs/person. (The waste per person is from an estimated 2003 county population of 148,489, which assumes a constant growth rate from 2000 to 2005 as provided by the U.S. Census Bureau.) Using that figure and a projection within the range predicted by the Sussex County Strategic Growth Plan, the projected generated waste is as follows:

Year	Population	Total Waste Generation, Tons
2010	159,087	254,187
2015	168,185	268,723
2017	171,968	274,768

Current Strategy

Sussex County currently relies on a centrally located Municipal Utilities Authority (SCMUA) Solid Waste Facility as the sole landfill in the County. A Residents Convenience Center facilitates public access to Solid Waste disposal. A Recycling Center within the SCMUA Facility continues to provide a location where individuals can dispose of Class A, B C, and D recyclables and be a Class C recycler in the plan. The SCMUA Solid Waste Facility will continue to compete with facilities outside the County. As per current practice and County Policy, it is herein reaffirmed that SCMUA will not accept landfill waste from generators outside the County. Therefore, the Sussex County Solid Waste District will continue to be a “market participant” in the waste management system in the near term. As per the Statewide Solid Waste Management Plan, the County will seek to maintain the integrity and optimize the lifespan of the current SCMUA Landfill.

In order to extend the lifespan of the current landfill and meet the state requirement of a 50% MSW recycling rate, public education will continually expand and enforcement will improve significantly, as described below.

¹ Statewide Solid Waste Management Plan 2006, p. A-18.

3. *Recycling Initiatives*

New Designated Recyclable Materials

The following material is added to the list of mandated materials designated for separation for residential (including multi-family), commercial, agricultural, industrial and institutional, government and office park sectors:

Waste tires (car and truck tires without rims) are defined under Waste Type ID #13, Bulky Waste/Construction Debris. This material is required to be separated at the source by the waste generator and ultimately recycled. Although this material cannot be mixed with garbage, the SCMUA typically finds tires within packer loads of Municipal Solid Waste (MSW). Waste tires disposed in landfills will not decompose for many years and tend to disrupt landfill covers by rising to the surface. As potential health risks, waste tire stockpiles can be havens in which pests reside and mosquitoes breed; they are a potential fire hazard, and can contaminate surface water run-off. Mandatory tire recycling will therefore assist with County recycling goals and objectives, improve SCMUA Landfill operations and reduce public health concerns.

This new mandate will take effect immediately upon the date of NJDEP certification of this amendment.

Other Recycling Initiatives

To increase recycling of previously designated materials the County will undertake the following:

1. A new waste composition study at the SCMUA Solid Waste Facility to ensure that our waste stream percentages are accurate and to determine if other strategies should be implemented.
2. Begin inspection of Solid Waste Facilities currently approved in the Plan to ensure that designated materials are source separated and recycled while performing inspections in accordance with the County Environmental Health Act (CEHA) contract with the NJDEP Office of Local & Environmental Management (OLEM).
3. Implement an inspection and enforcement initiative to ensure waste hauler recycling compliance, with source separation by generators, including an enforcement advisory placing notice on waste haulers of their responsibilities under the SWMP Amendment 2007. During the course of CEHA-obligated truck inspections, DEPHS will inspect haulers for recycling compliance.
4. Focus educational strategies on homeowners to increase recycling of cardboard, mixed paper, and commingled materials.
5. Through Municipal Recycling Coordinators, work with school districts to increase their recycling efforts.
6. Develop brochures on recycling requirements and guidelines for commercial and private businesses, multi-family and private communities.
7. Work with schools and organizers of major events including but not limited to fairs, concerts and sporting events to ensure they are providing adequate, clearly marked containers for recycling.
8. Continue to work with Municipal Recycling Coordinators to effect improved reporting.
9. Increase the number of inspections performed at convenience stores to one per year to ensure that they are adhering to the recycling requirements including the placement of recycling containers(s) inside and, where permissible by local ordinance, outside, their stores.

10. Develop guidelines for new multi-family/commercial developments to ensure that they will provide adequate space to accommodate recycling. Municipalities will be required to include these guidelines in their updated ordinances.
11. In cooperation with the Sussex County Health Department, initiate a public information campaign with an emphasis on recycling being the law.

Enforcement

The 1994 Sussex County District Codified Solid Waste Management Plan had no penalties designated for recycling infractions, so that minimum fines of \$4,500 would apply only to transporters of solid waste. Excessive penalties for initial recycling offenses would have resulted in unending legal challenges in court. In this amendment, a Notice of Violation without a penalty for the first violation is implemented so that the health department will be able to issue a warning before issuing monetary penalties. This notice will allow a grace period for minor violations.

With a new contract with NJDEP Office of Local & Environmental Management (OLEM), the County will devote more man-hours to recycling compliance. The Sussex County Department of Environmental and Public Health Services estimates being able to perform inspections of all Solid Waste Facilities annually, a sample of schools and eating establishments annually, and focus on other commercial establishments as complaints arise or as requested by the SCMUA, municipalities, or Planning Division.

Strategy to achieve the 50% Municipal Solid Waste (MSW) recycling goal

Sussex County believes that we will be able to meet the 50% MSW recycling goal by increasing the amount of recycling of currently designated materials. The chart below shows the generation rate of certain designated materials, the current recycling rate for those materials, and the target recycling rate necessary to meet and exceed the 60% total waste and 50% MSW recycling goals. By meeting the target rate for those previously designated materials, Sussex County can be expected to recycle an additional 42,470 tons of material, far exceeding the 33,022 tons required by NJDEP to meet the 50% MSW goal.

2003 Recycling Statistics:

MSW Disposal	MSW Recycling Tonnage	MSW Recycling Rate	MSW Recycling Tonnage @ 50% Rate	MSW Recycling Tonnage Increase Needed to Reach 50% Goal
91,337 tons	25,294	21.7%	58,316	33,022

2003 Amounts Of Selected Materials Recycled Vs. Target Rates

	% Of Waste Stream	Tons Generated	Tons Recycled	Current Capture	Target Rate	additional tons to be recycled
Cardboard	9.35%	22,183	3,957	18%	85%	14,898
Office Paper	2.12%	5,028	917	18%	85%	3,357
Newspaper	5.54%	13,144	2,519	19%	85%	8,653
Other Paper	13.21%	31,341	2,588	8%	50%	13,083
Glass Containers	1.81%	4,294	4,736	*101%	90%	*0
Aluminum Cans	0.71%	1,685	432	26%	90%	1,085
Steel Cans	0.66%	1,566	645	41%	85%	686
Plastic Containers	1.24%	2,942	1,057	36%	60%	708
Total		82,183	16,851			**42,470

Notes:

Percent (%) of Waste Stream calculated from the 1991 Killam Composition Study.

Tons Generated calculated by multiplying the percent (%) of waste stream by the total waste generated in 2003.

Tons Recycled from the 2003 DEP certified tonnage grants.

Current Capture was calculated by dividing the tons recycled by the tons generated.

Target Rates are from Governor Florio's 1992 Task Force Report.

Additional tons to be recycled calculated by multiplying the target rate by the tons generated and subtracting from that the tons currently recycled.

* Current Capture exceeds 100% (tons recycled are more than projected tons generated); therefore, target goal for recycling of this material (glass containers) has been met (exceeded) and no additional tonnage is anticipated or projected to be recycled.

** Potential additional tons to be recycled (42,470 tons) exceeds MSW Recycling Tonnage Increase Needed to Reach 50% Goal (33,022 tons); therefore 50% Goal can be achieved through recycling initiatives which address currently designated mandatory recyclable materials.

Procedure for County to Ensure that Municipalities Update Local Recycling Ordinances:

As part of the State requirements of the Statewide Solid Waste Management Plan, updated in 2006, municipalities must update their recycling ordinances within 180 days after the County Amendment 2007 is adopted and fully certified by the State. The Solid Waste Advisory Council (SWAC) will offer both assistance and a forum for creating those ordinances with the following framework to be used as a guide:

1. SWAC will hold discussions to determine if the State model ordinance should have standard alterations that are appropriate for municipalities in the County; a subcommittee may be established to write such standard alterations
2. SWAC attendees may discuss which standard alterations are suitable for the municipalities that they represent
3. Mayors of municipalities with SWAC representation may agree to use the State model ordinance with selected County standard alterations described above
4. All municipalities must submit draft ordinances to the County Planning Division within three months after the County Amendment 2007 is fully certified by the State, except those participating in the steps above. The County will review and provide feedback to municipalities not using State model ordinance with standard alterations established in SWAC meetings
5. Municipalities must submit a copy of adopted ordinances to the County Planning Division within six months after the County Amendment 2007 is fully certified by the State.

Facilities Involved In Collection Of Designated Recyclables:

Material	Collection
Class A	
Newsprint	SCMUA Goldmine Enterprises
Corrugated Cardboard	SCMUA Goldmine Enterprises
Magazines and Junk Mail	SCMUA Goldmine Enterprises
High Grade Office Paper	SCMUA Goldmine Enterprises
Tin and Bimetal Cans	SCMUA Goldmine Enterprises
Color-separated glass-clear, green, amber	SCMUA Goldmine Enterprises
#1 Plastic	SCMUA Goldmine Enterprises
#2 Plastic	SCMUA Goldmine Enterprises
Aluminum pans, cans & pie plates	SCMUA Goldmine Enterprises
Old clothing	clothing bins throughout county
Class B	
Tires	SCMUA
Class D	
Motor Oil	collection at SCMUA

Note: The materials listed above are not processed or marketed in Sussex County.

Source Reduction Strategies:

To increase source reduction efforts and therefore decrease the amount of solid waste generated, the County will:

1. Develop, in conjunction with the SCMUA, educational programs such as “Cut it and Leave it” for grass clippings, and backyard composting. Resource information and guidance will be coordinated with the Rutgers Extension regarding backyard composting.
2. The County SCMUA will investigate the feasibility of continuing and/or expanding the current pilot fluorescent lamp recycling program.

4. *Sussex County Solid Waste Facilities*

SCMUA Landfill

The SCMUA Landfill is comprised of three (3) phases which have been further subdivided into A and B Cells. Initial construction consisted of Phase 1A (10 acres) and Phase 1B (7 acres). Landfilling of Phase 1 commenced in February 1990 and completed in September 1997. Phase 1 is now capped. Filling of Phase 2A (10 acres) and 2B (10 acres) started in September 1997 and January 2002 respectively, and remains ongoing. Phase 2 capping is under design. Phase 3A and 3B construction (17.5 acres) was initiated in June 2006. A Solid Waste Facility Permit Modification for an expanded (13.5 acres to 17.5 acres) Phase 3 was approved and issued by NJDEP in December 2006. Pursuant to the most recent SCMUA Design Capacity Report the currently permitted SCMUA 3 Phase Landfill has an ultimate capacity of 4,205,000 cubic yards, which yields a maximum solid waste volume of 3,279,000 cubic yards, and a maximum solid waste mass of 2,610,800 tons. Based upon waste flow projections, the SCMUA Landfill is estimated to be in operation through the planning period for this Solid Waste Management Plan (2016).

SCMUA Class A Recycling Facility

The SCMUA Class A Recycling Facility consists of four, thirty-yard containers for the collection of residential commingled glass, aluminum, steel and plastic containers. Additionally, two, forty-yard containers for newspaper; two, twenty-five yard containers for mixed paper/junk mail; and two, forty-yard compactor boxes for corrugated cardboard. Class A recyclables are processed in the existing, permitted, SCMUA Bulky Waste/Recycling Building and Commercial Class A materials are diverted directly to the SCMUA Bulky Waste/Recycling Building for collection and marketing. For 2003, the SCMUA recycled 7,181 tons of Class A materials towards the County total of 16,851 tons or 43%, with the remainder (57%) processed by other in-County Class A facilities, or marketed directly out of county. The necessary Class A tons to be recycled to meet the 50% goal has been projected to be 42,470 tons per year. The estimated capacity of the SCMUA Class A recycling facilities is roughly (but not limited to) 20,000 tons/year, or 47% of the County total. This percentage allocation approximates current conditions. Therefore, the remainder tonnage (53%) can continue to be processed either by a combination of other permitted in-County, Class A facilities or marketed directly out of the County. Should needs and/or economic considerations dictate, upgraded/expanded SCMUA Class A Recycling Facilities may be considered in the future.

SCMUA Class B Recycling Facility

The SCMUA Bulky Waste/Recycling Building is utilized for the temporary storage and transloading of approved Class B recyclable materials such as ferrous and non-ferrous scrap metals, tires and, at times, clean wood waste. Other Class B materials accepted and separately processed onsite consist of freon-containing appliances and propane tanks. Under the Solid Waste Management Plan, Class B Recycling shall be continued by SCMUA.

SCMUA Class C Program

The existing SCMUA Class C Vegetative Waste Recycling Program provides another opportunity to divert viable organic material from the landfill. Vegetative waste (I.D. #23) includes grass clippings and leaves which processed as compost and brush, which is chipped for mulch. These activities are exempted from the requirement to obtain a general or limited approval pursuant to N.J.A.C. 7:26A-3 as described in N.J.A.C. 7:26A-1.4(a) 13. A higher grade of screened compost and twice-ground colorized mulch are available at a reasonable fee. The compost and mulch program continues to be popular with Sussex County residents and businesses. Under the Solid Waste Management Plan, the current Class C Vegetative Waste Recycling Programs shall be continued by the SCMUA.

SCMUA Class D Recycling

The SCMUA Class D recycling program deserves special attention since it diverts hazardous waste materials from landfill disposal. Class D materials that the SCMUA collects onsite include used antifreeze, motor oil, textiles, automobile batteries, household batteries, fluorescent lamps and consumer electronics (E-Waste). The SCMUA has traditionally hosted four free E-Waste collection events annually for Sussex County residents and businesses. In addition, the SCMUA sponsors two free Household Hazardous Waste events annually with an authorized special waste vendor, for proper handling and disposal. Under the Solid Waste Management Plan, the SCMUA will continue to provide Class D recycling programs to ensure proper disposal of potentially dangerous materials thereby protecting the environment.

The following tables and map list Solid Waste Facilities in the County that are included in the Solid Waste Management Plan.

Inventory of Solid Waste and Recycling Facilities in Sussex County:

Sanitary Landfill (major)	Location	Block & Lot	Material	phone #	Hours	Capacity in plan
Sussex County--Municipal Utilities Authority (MUA) 34 South Route 94 Lafayette NJ 07848	34 Route 94 South	Block 14, Lots 33.05, 34, 35.01, 36, 37, 38.01, 38.06 Lafayette	Waste ID nos. 10,13,13C, 23,25,27,27A,27I; treated regulated medical waste	973-579-6998	7-4 Mon-Sat 7 PM Sat for residential partial access	3,279,000 cu yd
Recycling Center - Class A						
Goldmine Enterprises,LLC (Mid-County Paper Stock) 134 Milton Road Sparta NJ 07871	235 Brighton Ave.	Block 163, Lot 4.03 Andover Township	Newsprint, magazines, office stock, corrugated cardboard commingled	973-786-7499	7-4:30 M-F, 7-Noon Sat	400 tons (Includes 100 tons of fiber)
Sussex County MUA 34 South Route 94 Lafayette NJ 07848	34 Route 94 South	Block 14, Lots 38.01 Lafayette	Newsprint, magazines, office stock, commingled, corrugated cardboard		see above	600 tons / week Est.*
Recycling Center - Class B						
Grinnell Recycling 482 Houses Corner Road Sparta NJ 07871	482 Houses Corner Road	Block 26, Lot 36, 38 Sparta	Asphalt, concrete, brick, block,brush,stumps,tree parts, raw wood waste	973-383-9300	7-5 M-Sat	400 tons / day
Weldon Quarry Co 141 Central Avenue Westfield NJ 07090	181 Route 181	Block 70001, Lot1 Hopatcong	Clean concrete clean asphalt	973-663-1800	7-4:30 M-F, 7-11:30AM Sat.	11,000 tons / week OR 2,000 tons / day
Sussex County MUA 34 South Route 94 Lafayette NJ 07848	34 Route 94 South	Block 14, Lots 38.01, Lafayette	Tires, metals including appliances, Wood waste		see above	400 tons / week Est.*
Material Recovery Facility						
Grinnell Recycling 482 Houses Corner Road Sparta NJ 07871	482 Houses Corner Road	Block 26, Lot 36 Sparta	Commercial Construction & Demolition (C&D) raw wood waste	973-383-9300	7-5 Mon-Sat process until 8PM	400 tons / day

Note: There are no minor sanitary landfills, transfer stations, or resource recovery facilities

*Estimated capacities only, not limited by permit

Inventory of Solid Waste and Recycling Facilities in Sussex County (Continued):

Recycling Center - Class C Exempt	Block & Lot	material(s)	phone #	Hours	Capacity in plan
Borough of Hopatcong 111 River Styx Road Hopatcong NJ 07843	114 Flora Avenue Block 10002, Lot 1.01 Hopatcong	Brush, Leaves	973- 398-3611	8-4 Sat. 9-12 Wed.	10,000 cu yd
Byram Township 10 Mansfield Drive Stanhope NJ 07874	10 Mansfield Drive Block 365, Lot16.01 Byram	Brush, Leaves	973- 347-2500	9-4 Sat. 7:30-2:30W	10,000 cu yd
Sparta Township 65 Main Street Sparta NJ 07871	15 Prices Lane Block 33, Lot 4 Sparta	Brush, Leaves	973- 729-6178	M, W 8-12 Sat 8-4 April-Dec.	10,000 cu yd
Borough of Stanhope 77 Main Street Stanhope NJ 07874	7 Smith Street Block 10301, Lot 11.03 Stanhope	Brush, Leaves	973- 347-0159 x 38	W, Sat 8:30-4	10,000 cu yd
Peterson Compost 34 Waterloo Road Stanhope NJ 07874	34 Waterloo Road (CR 604) Block 30, Lot 76.03 Byram	Tree wood chips	(No staff on-site)		10,000 cu yd
RER Center LLC C/O Clark Road Realty,LLC 20 Cotluss Road, Suite 10 Riverdale NJ 07457	Route 23 Block 3, Lot 2.01 Wantage	grass, leaves, brush & wood chips	973- 616-6654	Mon-Sat	10,000 cu yd
Sussex County MUA 34 South Route 94 Lafayette NJ 07848	34 South Rt. 94 Block 14, Lot 38.01 Lafayette	grass, leaves, brush	973- 579-6998	7-4 Mon-Sat Or 7 PM Sat residential	

Class C - Research Development Demonstration

AgChoice P.O. Box 1031 Andover, NJ 07821	95 Whitehall Rd. (CR 517) Block 27, Lot 6.02 Green	Animal and food waste	973- 903-0412		Research Dev. Demonstration(RDD) For 3 years
--	---	--------------------------	------------------	--	--

Recycling Center - Class D

Back Thru The Future, Inc. Computer Recycling, Inc. 150 Main Street Ogdensburg, NJ 07439	150 Main Street (CR 517) *currently under SC Freeholder Review	Block 25 Lot 1.01	Computer components	973- 823-9752	6 AM- 12 AM M-F 6 AM-6 PM Sat & Sun	100 Tons/ day
---	---	----------------------	------------------------	------------------	--	------------------

Note: The facilities listed under “Class C – Exempt” above may also provide drop-off points for household batteries. SCMUA collects some household “Class D” materials during special event collections.

Map of Solid Waste Facilities Currently Included in Sussex County District Solid Waste Management Plan



