



# **SNYDER COUNTY SOLID WASTE MANAGEMENT AUTHORITY**

## **Recycling Technical Assistance Program**

### ***Recycling Center Conceptual Layout***

#### **1.0 Introduction**

The Snyder County Solid Waste Management Authority is directly involved with the operation of seven monthly residential drop-off collection sites located throughout Snyder County. Snyder County is evaluating the possibility of expanding and improving the efficiency of the current recycling program. Specifically, the County would like to evaluate the availability and economic feasibility of developing a staging area/site for staging recyclable materials until there are sufficient quantities to transport to market. In this case “sufficient” means the volume of a specific material must be enough to make the costs of transportation economical/profitable and would usually be of a quantity to fill a 20-ton trailer.

The staging area would also allow residents and businesses more opportunities to recycle additional items such as corrugated cardboard and office paper. Currently the Snyder does not have adequate space to handle these materials.

#### **2.0 SNYDER COUNTY SITE SCREENING/REQUIREMENTS FOR RECYCLING CENTER**

##### Preferred Recycling Center Location

The site location area may be defined as follows:

- Primary Area - site location within 5 miles (radii) of Selinsgrove Borough
- Secondary Area - any sites outside primary area

#### **2.1 Initial Site Screening Criteria**

General criteria for siting of facility should be used:

- Minimum site acreage is 2-5 acres
- Site should not be identified as potentially containing hazardous wastes

- Site should not be registered as historic according SHPO
- Local zoning must allow this type of use (i.e. res./comm./indust.)

## **2.2 Exclusionary Criteria**

No site will be considered if the site is located within:

- 100 feet of a wetland
- 100 feet of a perennial stream
- 900 feet of a school, park or playground
- 300 feet of a residential dwelling
- ¼ mile upgradient or 300 feet downgradient of private or public drinking water source
- Located over a seasonal high water table or perched water table within 4 feet of from the surface

## **2.3 Additional Site Screening Criteria**

- Land use compatibility
- Traffic compatibility
- Environmental and aesthetically sensitive environments
- Cultural resources
- Site acquisition costs
- Prime/important farmland
- Water supply
- Public utilities
- Site improvement or preparation costs

## **3.0 LIST OF REFERENCE MATERIAL TO IDENTIFY POTENTIAL SITES**

1. 1999 Local Government Officials Directory for Snyder County
2. 1995 General Highway Map f – Snyder County
3. Snyder County Telephone Directory
4. Borough of Shamokin Dam Zoning Ordinance
5. Monroe Township Zoning Ordinance
6. Adams County Co-Composting Facility Siting Analysis and Study
7. Additional project information provided by Snyder County (circa 1997)

## **3.1 Other Information and Contacts:**

1. List of potential sites based on local knowledge – Debbie Wolf (Snyder County)
2. Kristin Moyer – SEDA-COG – Debbie Wolf
3. Authority Members – Debbie Wolf
4. Monroe Township – Bob Ritter – Debbie Wolf

### **3.2 GF Contacts and Tasks:**

We need to contact Debbie Wolf, Snyder County Recycling Coordinator

1. Art Bowen – Real Estate
2. Selinsgrove Center – Michael Adams – PA Dept. of General Services
3. Susquehanna Valley Chamber of Commerce
4. Other Real Estate Companies
5. Local municipalities – Monroe Twp. And Shamokin Dam
6. Develop study area map
7. Preliminary evaluation of available sites
8. Develop site sketch map with preliminary design concepts

### **4.0 POSSIBLE SNYDER COUNTY RECYCLING CENTER SITES**

- Selinsgrove Center
  - Near current Center Recycling Shed
  - Near County Prison
- Along Route 522 in Industrial Park
- PP&L Ash Dam
- THOR Industries

### **4.1 Contacts list:**

- Selinsgrove Center / PA Department of General Services (Michael Adams)
- Russ Fairchild – Representative / Harrisburg (570-837-1600)
- Daniel R. Clark – Representative / Harrisburg (570-837-1414)
- Edward Helfrick – Senator / Harrisburg (570-743-1918)
- SEDA COG – Terry McBride “Focus Central Pennsylvania” (Needs more information)
- Chamber of Commerce – (Gannett Fleming will contact)
- Industrial Development Authority – (No Land Available)
- Tax Claim – (No Land Available)
- Realtors – (Gannet Fleming will contact)
- Craig Bingamin / Soil Conservation District
- PENN DOT
- Old Landfill – Monroe Township (Bob Ritter (570-743-7057)
- Private Industry

### **5.0 CONCEPTUAL LAYOUT**

As illustrated by the conceptual layout at the end of this report, the layout for the proposed waste recycling center envisions a site with three phases.

### **5.1 Phase I**

Phase I of the layout proposes four 34-yard drop-off containers be staged on site for county residents to use for recyclable materials. The following materials would be collected:

- \* tin cans
- \* clear and colored glass
- \* #1 plastics
- \* #2 plastics

### **5.2 Phase II**

Phase II of the conceptual layout is the recycling center building. The recycling building would include a residential drop area where cardboard, office paper, and other recyclable materials could be unloaded by residents. The facility would also include a dump floor, processing and storage area, scale, and glass compaction area. Refer to the layout for the specific orientation of each component of this facility.

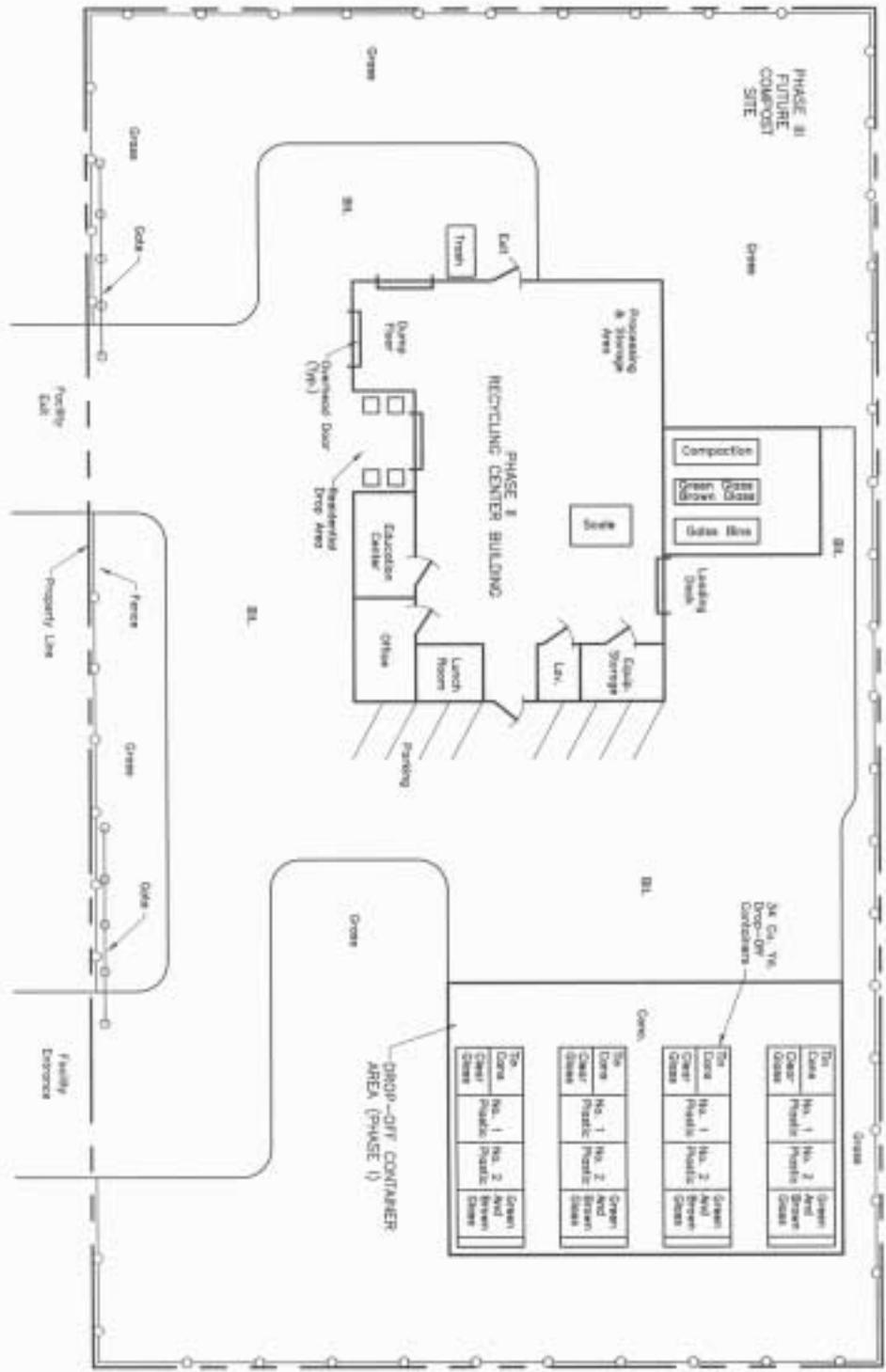
### **5.3 Phase III**

Phase III is simply the future compost site. Depending on the needs of Snyder County, the future compost area may be adjusted. Adequate space for any reasonable modifications has been considered and a composting area could be incorporated into the solid waste recycling site for Snyder County.

## **6.0 PROJECT RESULTS**

- Developed initial site screening and evaluation criteria that will be used to locate Solid Waste Recycling Center site.
- Developed exclusionary criteria for site location
- Conducted a preliminary evaluation of potential sites for the recycling center
- Prepared conceptual layout of recycling center (Phases I, II, & III)
- Developed a list of contacts to assist in development of recycling center
- Provided Snyder County Solid Waste Authority with recycling center project information for design and siting of the facility

No Scale



SNYDER COUNTY SOLID WASTE  
 MANAGEMENT AUTHORITY  
 SOLID WASTE RECYCLING CENTER  
 CONCEPTUAL LAYOUT