

Montour County Solid Waste Plan Update 2001 Summary

(Prepared by Gannett Fleming)

Summary of County:

- 9 second-class townships and 2 boroughs
- Total land mass = 131 sq miles
- Population and economic activities centered on southern portion of county, around Danville
- 1990 population = 17,735
- 2000 projected population = 18,249
- 2010 projected population = 18,514 (US Census Bureau)

The wastes accounted for in the Montour County plan update based on the Counties needs were

- Municipal - 11,185.3 tons/year in 1999
- Residual – 1,606.3 tons/year in 1999 at non-captive facilities
- Sewage Sludge – estimated at 1,840 tons/year in 2000
- Infectious/Chemotherapeutic – estimated at 320 tons/year in 1989
- Construction/Demolition – estimated at 2,329.1 tons/year in 1999
- Household Haz Waste – estimated at less than 0.5% of waste stream

Waste Projection

- Municipal waste tonnage received at disposal facilities in 1999 = 11,185.3 tons/year
- Gross municipal waste tonnage generated in 2000 = 14,052 tons/year = 38.5 tons/day
- The 2001 Plan projected 2010 Gross MSW generation = 14,256 tons/year based on above rate and population of 18,514
- For the 10-year period from 2000-2010, the Plan projected a total of 93,191 tons of MSW (excluding sewage sludge) = 9,320 tons/year on average = 25.5 tons/day on average
- Recycling was expected to increase from 28% for 2000, rising to 32% in 2002, and then up to 35% from 2003-2010

Per Capita Waste Generation

- In 1999, gross discards (14,052 tons) divided by estimated 1999 County population = 0.77 tons/person/year (TPY). This rate was used to estimate tonnage based on projected 2010 population
- The per capita waste generation rate for Montour County for 18,514 residents would be approximately 4.2 lbs/person/day in 2010

Sludge from Wastewater Treatment Plants in County

- In 2000, Montour had 3 publicly-owned WTP facilities, treating 2.19 MGD
- One of the facilities used landfilling, and the other 2 use land application

- In 2000, there were 5 privately-owned WTP facilities
- The 2001 report estimated 0.10 tons/capita of sludge generation, and the 2010 projection = 1,851 tons/year
- Septage from on-lot sewage facilities was assumed to be disposed at the Danville TWP or land applied, so no estimate of tonnage produced was included in the report

Construction/Demolition Materials

- 2,329.1 tons disposed in 1999

Montour County Recycling Program Description

- Based on the 1998 annual recycling report, 1,308 tons of material was recycled
- This represents 12% of the waste stream
- Recyclables were estimated to composed of glass (7.5%), office paper (3.9%), white goods (1.8%), steel & bi-metal cans (1.8%), aluminum (0.8%), misc ferrous/nonferrous metal (5.2%), PET and HDPE containers (1.8%), yard waste (17.9%), rubber tires (1.1%), corrugated paper (12.3%) and newsprint (8.0%)
- The above represents 62.1% of the “recyclable” materials in the waste stream – the remaining portion was non-recyclable due to contamination or was composed of non-recyclable items (textiles, plastics, ceramics, etc.)
- Recyclables collection services were located in Danville (mandated curbside), Mahoning Twp (voluntary curbside), Valley Twp (drop-off recycling) and Anthony Twp (drop-off recycling)
- Danville operated a leaf and yard waste collection program

MSW Collection Systems

- As of 2000, all waste collection and hauling was handled by private hauling firms in all municipalities
- Each municipality required that residents make their own arrangements for waste removal through private contract with hauler
- The number of waste haulers in each municipality varied from 1 (Cooper Twp) to 13 (Danville)
- 2 municipalities had a solid waste ordinance (Danville and Mahoning Twp)
- 10 Hauling companies were listed in the report for 1999 (although that doesn’t agree with the fact that Danville had 13)
- All MSW generated in Montour Co was transported to the Lycoming County Landfill (roughly 50 mile round trip from Danville)
- There were no solid waste disposal facilities within the county in 2001
- Sewage sludge disposal is by land application, landfilling or contracted hauling to another treatment facility
- Most of the infectious/chemotherapeutic waste was disposed at the Lycoming County Landfill

Request for Proposals for Disposal Capacity:

- Montour County Commissioners submitted an RFP for disposal capacity in Feb 2000
- 8 proposals were received
- County contracted with 6 facilities: Lycoming Landfill, Wayne Twp Landfill, Alliance Landfill, Mountain View Reclamation Landfill, Phoenix Resources Inc, C&D Landfill, Pine Grove Landfill

Montour County Plan Recommended Goals

- Maximize economically feasible recovery of material through recycling and yard waste composting
- Provide drop-off collection services to all county residents
- Expand yard waste composting efforts
- Maximize the effectiveness of the 3 elements through a comprehensive public info and edu program coordinated with local municipal efforts

Note: - those items highlighted in light blue were not included in the 2001 Plan but were added for comparison purposes with other Counties in the Region.