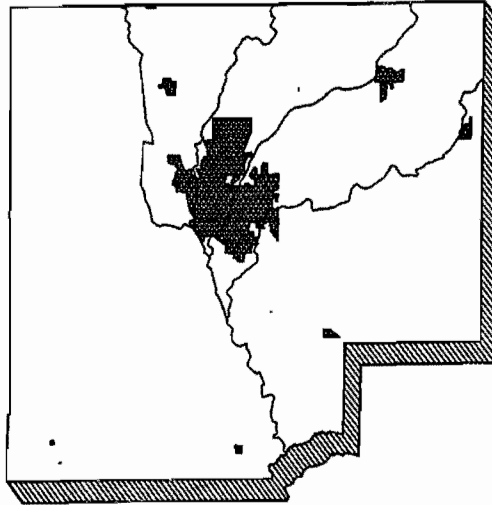


# BARTHOLOMEW COUNTY, INDIANA



## TWENTY YEAR SOLID WASTE MANAGEMENT PLAN

1992-2011



BARTHOLOMEW COUNTY  
SOLID WASTE MANAGEMENT DISTRICT

DRAFT EDITIONS: JULY 1, 1992  
DECEMBER 1, 1992

FINAL EDITION: FEBRUARY 1, 1993



BARTHOLOMEW COUNTY, INDIANA

TWENTY YEAR SOLID WASTE MANAGEMENT PLAN

1992-2011

The July 1, 1992 edition of this Plan was submitted to the Indiana Department of Environmental Management on July 2, 1992. Changes to that edition are shown in italics in Sections II and III, and in bold shadow print in parts of Section III and other Sections.

This final version was adopted by the District Board on January 27, 1993.

Prepared for:

Bartholomew County  
Solid Waste Management District  
440 Third Street  
Columbus In 47201

Prepared by:

Regional Services Corp.  
3200 Sycamore Court #2B  
Columbus IN 47203

February 1, 1993

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DISTRICT  
SOLID WASTE MANAGEMENT PLAN  
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BARTHOLOMEW COUNTY  
DISTRICT  
SOLID WASTE MANAGEMENT PLAN

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## BARTHOLOMEW COUNTY DISTRICT PLAN

### SECTION I

### EXECUTIVE SUMMARY

Since the late 1960's, Bartholomew County and the City of Columbus, Indiana have worked jointly through their Solid Waste Management Authority to provide for the disposal of solid waste. Efforts by the SWMA and public officials have enabled the citizens of Bartholomew County to have available cost effective, publicly controlled disposal facilities for over twenty years.

In 1990, the City of Columbus and the SWMA began sponsoring drop-off recycling service and composting of leaves **at the City Garage**. This has now grown to the construction of the **adjoining** Columbus-Bartholomew Recycling Center, composting of leaves and grass, mulch production from brush chipping, 6 drop-off boxes within the County and an impressive effort by local industry to reduce their solid waste disposal. This plan promotes further expansion of reduction, reuse and recycling efforts as preferable solid waste management methods over landfilling or incineration.

During 1991, it is estimated that a total of **189,382 tons** of solid waste was generated by Bartholomew County residents, business and industry. Although population is anticipated to remain stable over the next twenty years, **annual** waste generation, as forecast by the USEPA, may increase to **almost 210,000 tons** by the year 2011.

Fortunately, over **70,000 tons** wastes generated in 1991 were reused at least once or were recycled. Of the remaining amount, 56,223 tons of refuse and 22,353 tons of foundry wastes were disposed of at the Bartholomew County Landfill in 1991. Over 20,800 additional tons of foundry sand were disposed of at the new City Garage facility. Almost 20,000 tons of solid waste were disposed of outside the County, primarily at landfills in Jackson and Hendricks County. Implementation of the programs outlined in this plan will reduce total disposal from 119,124 tons in 1991 to 88,000 tons in 2011. Waste reduction, reuse and recycling efforts are planned to increase from **70,258 tons** in 1991 to **121,658 tons** in 2011, an impressive **64.2%** diversion rate.

Primary efforts in reducing disposal needs during the next 5 years are public education, implementing curbside recycling in Columbus, total diversion of yard waste, doubling the usage of drop-off services, establishing curbside pickup for business and small industrial corrugated and paper, and encouraging further industrial metal and paper recovery and reuse of foundry wastes. Since yard waste-composting operations are underway and a new recycling center has recently been completed, no major new material recovery facilities are considered necessary during the next 5 years.

Existing refuse disposal capacity is anticipated to be exhausted by mid-1996 and by 1997-98 for foundry sand. Replacement facilities will have to be sized for **1.13 million tons** of refuse and **762,000**

tons of foundry sand. If the Bartholomew County Landfill is to be expanded, additional capacity must be available by mid-1995 in order to avoid disturbing the existing access road and maintenance area. Significant progress on new landfill capacity is necessary by early to mid-1993 in order to avoid a crisis situation.

Changes in solid waste management practices through 1996 are anticipated to cost \$2.058 million. Sources of funds to finance these programs will be derived from increased user fees, recovered material sales, grants, savings from avoided disposal fees, increased efficiency and a total of \$722,500 in taxes or fees over the next five years.

The changes envisioned in this Plan in managing solid waste in Bartholomew County will require increased surveillance and enforcement efforts. Both County and municipal ordinances will require revision, with the changes coordinated through the District and the SWMA. Enforcement of legislative and local bans will require the cooperative effort of private operating personnel, the City of Columbus Sanitation Department Staff, the Bartholomew County Health Department and the Police and Sheriff's Departments.

New concepts and methods are to be encouraged. This plan is a dynamic document that needs to be reviewed at least annually and updated no less often than once every five years.

Redrafts and major changes must be submitted to the Indiana Dept. of Environmental Management. This plan is not intended to discourage alternative methods of meeting or exceeding the 35% and 50% diversion goals established by the legislature. The public, members of the District Board, the Advisory Committee, the SWMA, or any other party can all request that the District Board modify the plan. Regulations, goals and markets are constantly changing and this plan should be revised as necessary to remain a useful guide for Bartholomew County in managing its solid waste.

## BARTHOLOMEW COUNTY DISTRICT PLAN

### SECTION II

### ADMINISTRATIVE INFORMATION

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#### A. DISTRICT INFORMATION

##### 1. DISTRICT NAME, BUSINESS ADDRESS, TELEPHONE

Bartholomew County Solid Waste Management District  
720 S Mapleton  
Columbus IN 47201  
812-376-2614

##### 2. COUNTIES IN DISTRICT

Bartholomew County (Single County District)

##### 3. MUNICIPALITIES IN DISTRICT

<u>Name</u>	<u>Class</u>	<u>Name</u>	<u>Class</u>
Columbus	III	Azalia	Unincorp.
Clifford	Town	Bethany	Unincorp.
Edinburgh	Town*	Burnsville	Unincorp.
Elizabethtown	Town	Grammer	Unincorp.
Hartsville	Town	Newbern	Unincorp.
Hope	Town	Nortonsburg	Unincorp.
Jonesville	Town	Ogilville	Unincorp.
		Old St. Louis	Unincorp.
		Petersville	Unincorp.
		Rugby	Unincorp.
		St. Louis Crossing	Unincorp.
		Taylorville	Unincorp.
		Waymansville	Unincorp.

\* Majority of Town in Johnson County

## BARTHOLOMEW COUNTY DISTRICT PLAN

### SECTION II

### ADMINISTRATIVE INFORMATION

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#### B. BOARD OF DIRECTORS (1991-92)

<u>Name</u>	<u>Title</u>	<u>Branch</u>	<u>Representing</u>
Mr. Michael C. Totten 2227 Gilmore Columbus IN 47201 Wk. Ph. 372-0179	President	Fiscal/ Legislative	City of Columbus
Mrs. Juanita Harden 440 Third Street Columbus IN 47201 Wk. Ph. 379-1515	V. President	Executive	Bartholomew Co.
Ms. Gail Greathouse P.O. Box 57 Elizabethtown IN 47232 Wk. Ph. 372-2674	Member	Executive/ Fiscal	Town of Elizabethtown
Mr. Marvin Finke 440 Third Street Columbus IN 47201 Wk. Ph. 379-1515	Member	Executive	Bartholomew Co.
Mr. Tom Harrison 2732 Lafayette Avenue Columbus IN 47201 Ph. 376-6787	Member	Fiscal	Bartholomew Co.
Mr. Vernon Jewell 440 Third Street Columbus IN 47201 Wk. Ph. 379-1515	Member	Executive	Bartholomew Co.
Mayor Robert Stewart 123 Washington Street Columbus IN 47201 Wk. Ph. 376-2500	Member	Executive	City of Columbus
Mrs. Sue Paris 440 Third Street Columbus IN 47201 Wk. Ph. 379-1510	Secretary/ Fiscal Officer	Non-Member	Bartholomew Co.

## BARTHOLOMEW COUNTY DISTRICT PLAN

### SECTION II

### ADMINISTRATIVE INFORMATION

#### B. BOARD OF DIRECTORS (1993)

<u>Name</u>	<u>Title</u>	<u>Branch</u>	<u>Representing</u>
Mr. Michael C. Totten 2227 Gilmore Columbus IN 47201 Wk. Ph. 372-0179	President	Fiscal/ Legislative	City of Columbus
Mrs. Juanita Harden 440 Third Street Columbus IN 47201 Wk. Ph. 379-1515	V. President	Executive	Bartholomew Co.
Ms. Sylvia Kiel 440 Third Street Columbus IN 47201 Wk. Ph. 379-1515	Member	Executive	Bartholomew Co.
Mr. Larry Kleinhenz 440 Third Street Columbus IN 47201 Wk. Ph. 379-1515	Member	Executive	Bartholomew Co.
Ms. Gail Greathouse P.O. Box 57 Elizabethtown IN 47232 Wk. Ph. 372-2674	Member	Executive/ Fiscal	Town of Elizabethtown
Mayor Robert Stewart 123 Washington Street Columbus IN 47201 Wk. Ph. 376-2500	Member	Executive	City of Columbus
Mr. Keith Sells 15041 N Fairmont Dr. Edinburgh IN 46124 Wk. Ph. 377-3948	Non-Member	Fiscal	Bartholomew Co.

## BARTHOLOMEW COUNTY DISTRICT PLAN

### SECTION II

### ADMINISTRATIVE INFORMATION

---

#### C. SOLID WASTE MANAGEMENT ADVISORY COMMITTEE (1992)

<u>Name</u>	<u>Title</u>	<u>Representing</u>
Mr. James M. Durham 11425 S Jonesville Road Columbus IN 47201 Wk. Ph. 377-3185	Chairman	Environmental Comm.
Mr. C. Wm. Read II 10092 N Hickory Lane Columbus IN 47203 Wk. Ph. 988-2940	V. Chairman	Industry Note: Accepted position on SWMA 5/92
Mr. Greg Littleton Rumpke of Indiana P.O. Box 806 Columbus IN 47202 Wk. Ph. 372-1225	Secretary	Industry
Mr. Dan Arnholt Bartholomew Co. REMC P.O. Box 467 Columbus IN 47202 Wk. Ph. 372-2546	Member	Environmental Comm.
Mr. Greg Hartwell Columbus City Garage 2250 Kreutzer Drive Columbus IN 47201 Wk. Ph. 376-2508	Member	Industry (City of Columbus)
Ms. Lou Poppa 1817 Caldwell Place Columbus IN 47201 Ph. 379-1550	Member	Environmental Comm.
Mr. Buck Ritz Contractors United 3140 S 650 E Box 3004 Columbus IN 47203 Wk. Ph. 579-5248	Member	Industry



## BARTHOLOMEW COUNTY DISTRICT PLAN

### SECTION II

### ADMINISTRATIVE INFORMATION

---

#### C. SOLID WASTE MANAGEMENT ADVISORY COMMITTEE (cont.)

<u>Name</u>	<u>Title</u>	<u>Representing</u>
Ms. Patty Unrue 3731 South 600 East Columbus IN 47201 Ph. 579-6065	Member	Environmental Comm.
Ms. Rosanne Watson 4241 N Riverside Drive Columbus IN 47203 Ph. 372-2046	Member	Environmental Comm.
Ms. Tammy Hines 11750 E SR 7 Elizabethtown IN 47232 Ph. 579-5400	Member	Environmental Comm.
Ms. Laura Fisher 3003 Scotland Drive Columbus IN 47203 Ph. 372-4687	Member	Environmental Comm.
Mr. Ben Harker 15633 E Jackson Road Hope IN 47246 Ph. 546-5578	Member	Environmental Comm.
Mr. C. Robert Moats 2730 Flintwood Drive Columbus IN 47203 Ph. 372-5247	Member	Environmental Comm.

#### D. SOLID WASTE PLAN ADMINISTRATOR

Mr. James M. Murray, Administrator  
City of Columbus-Bartholomew County, Indiana  
Solid Waste Management Authority (SWMA)  
720 S Mapleton  
Columbus IN 47201

#### E. SWMA RECYCLING COORDINATOR

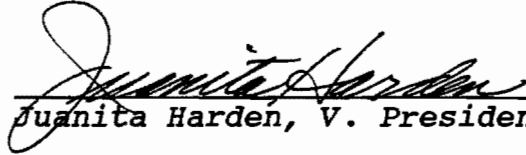
Ms. Carla Barrett  
City-County SWMA  
720 S Mapleton Street  
Columbus IN 47201

**BARTHOLOMEW COUNTY DISTRICT PLAN**

At the regular meeting held on January 27, 1993, the Board of Directors of the Bartholomew County Solid Waste Management District adopted this revised Twenty-Year Solid Waste Management Plan.



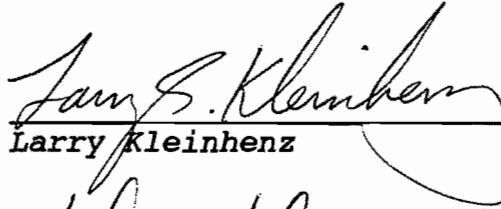
Michael C. Totten, President



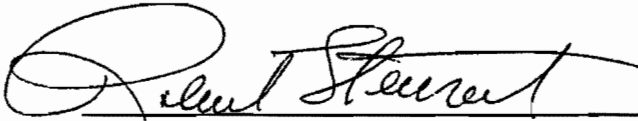
Juanita Harden, V. President



Sylvia Kiel



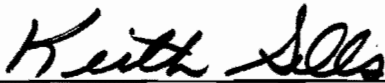
Larry Kleinhenz



Mayor Robert Stewart



Gail Greathouse



Keith Sells

Attest:



Sue Paris, Secretary

## BARTHOLOMEW COUNTY DISTRICT PLAN

### SECTION III

### DEMOGRAPHIC INFORMATION

---

#### A. POPULATION, HOUSING, AND EMPLOYMENT CHARACTERISTICS

Bartholomew County is located in the north central portion of Southern Indiana. It has an area of 402 square miles, or 257,280 acres. The county seat, Columbus, is situated in the central part of the county.

The "1990 Census of Population and Housing Characteristics, Indiana, U.S. Dept. of Commerce" lists Bartholomew County as having a population of 63,657 persons, approximately 2,150 less than projected by the Indiana Business Research Center in 1988. The population distribution as reported in the Census, by township, in 1990 was:

Clay Township	-	2,421	Hawcreek Township	-	3,914
Clifty Township	-	1,003	Ohio Township	-	1,557
Columbus Township	-	37,466	Rockcreek Township	-	1,261
Flatrock Township	-	1,468	Sandcreek Township	-	2,104
German Township	-	5,507	Wayne Township	-	3,437
Harrison Township	-	2,769			

Note: The Census distribution by township is 750 short of the county total.

Incorporated areas included the City of Columbus with a population of 31,802, the Town of Clifford with a population of 308, Hartsville with 391 persons, Hope with 2,171 persons, Elizabethtown with 495, and Jonesville with a population of 221 persons.

Within the county, there were 25,432 housing units of which 24,192 were occupied. Of these, 3,755 were multiple family units located primarily in the City of Columbus.

The population projections of the Indiana Business Research Center depicts the county population to remain relatively stable through the year 2020. Projections, adjusted by subtracting the 2,150 persons per the 1990 Census figures, are:

1996 - 64,000	2011 - 64,712
2001 - 64,318	2016 - 64,490
2006 - 64,654	2020 - 64,210

According to the local Chamber of Commerce publication "Community Audit: 1991-Columbus, Indiana", Columbus serves as an educational, medical, commercial, and employment center for up to 10 surrounding counties. Continuing education and college courses are offered at the Columbus campus of IUPUI, Ivy Tech, and Bartholomew Consolidated School Corp. There are 11 commercial/industrial parks and 12 shopping centers.

Since 1985, twenty-one new companies have located in Columbus with a projected employment of 2,566. Expansion or retention of local industry was projected as providing over 1,250 jobs. Manufacturing employed over 45% of the 29,040 employees in Bartholomew County, followed by wholesale and retail trade at 19%, agriculture and services at 11%, government at 11%, and others totaled 14%.

## **B. WASTE GENERATION**

### **1. Historical Information**

Information on solid waste disposal within Bartholomew County was reviewed from as far back as 1968. As reported in the 1969 report, "Bartholomew County Solid Waste Disposal Study", the Chamber of Commerce estimated the disposal rate at 126 tons per day, or 40,000 tons/year. Population at that time was 60,000. Using national average refuse generation rates and population forecasts, local generation was projected to reach 5.8 pounds/capita/day, or 110,000 tons/year by 1985.

In an updated report believed to have been prepared in 1971 or 1972, Landfill Systems, Inc. performed a 3 day survey of solid waste being received at the former Clifty Hill Landfill. The daily average, excluding demolition debris, was found to be 231.3 tons. This was projected to be 69,400 tons/year, or 6.6 pounds/capita/day.

During 1973, the City-County Solid Waste Disposal Authority performed another study to determine replacement landfill capacity. Per capita generation was estimated to be 6.67 pounds/day. With a population of 62,000 persons, the annual tonnage was estimated to be 75,500. Based on national trends, this was projected to reach 103,000 tons/year in 1985 with a population of 75,000.

During May 1973, the City-County SWDA conducted a two week survey with almost all loads being weighed. An average of 1232 tons/week was received. Without seasonal adjustment, this equates to 64,000 tons/year being received at the landfill.

In June 1978, a one week volume survey was performed at the current landfill to determine the source of the refuse and approximate weight. A total of 1450 tons of solid waste was estimated to have been received.

Until installation of scales at the landfill in early 1991, the operating contractor was required to keep volume records of waste received. Conversions to weight were based on 300 lbs/cy for loose refuse and 500 lbs/cy for compacted material. During a five year period from 1985-1990, total tonnage received at the landfill, exclusive of foundry sand, was estimated to range from 62,377 to 73,358 tons per year.

Beginning in early January 1991, almost all solid waste entering the landfill was weighed. A gate fee of \$20/ton was also initiated on January 1, 1991. No fee is charged for loads under 500 pounds, or for soil and clean concrete and asphalt suitable for use as cover, or as roadway material. Also exempt from fees were refuse from governmental agencies, including material from governmental projects such as the hospital renovation. A total of 56,223 tons of refuse was received at the landfill during 1991. In addition, 22,353 tons of foundry wastes from Golden Casting Corporation was accepted at no charge as part of a 10 year economic incentive package. On July 1, 1991, this foundry sand was diverted to a new site adjacent to the Columbus City Garage. An additional 20,633 tons were received at that site during 1991.

## 2. Origin and Destination of Waste for Disposal

With the imposition of gate fees, the two largest haulers, Rumpke of Indiana and Waste Management of Columbus, began diverting much of the material they collected locally to their own landfills located in Jackson and Hendricks County, Indiana. Data received from these haulers and the quarterly disposal reports filed with IDEM indicate the following quantities of refuse and special waste were disposed of at other facilities during 1991.

Tonnages are typically based on volume records converted to weight.

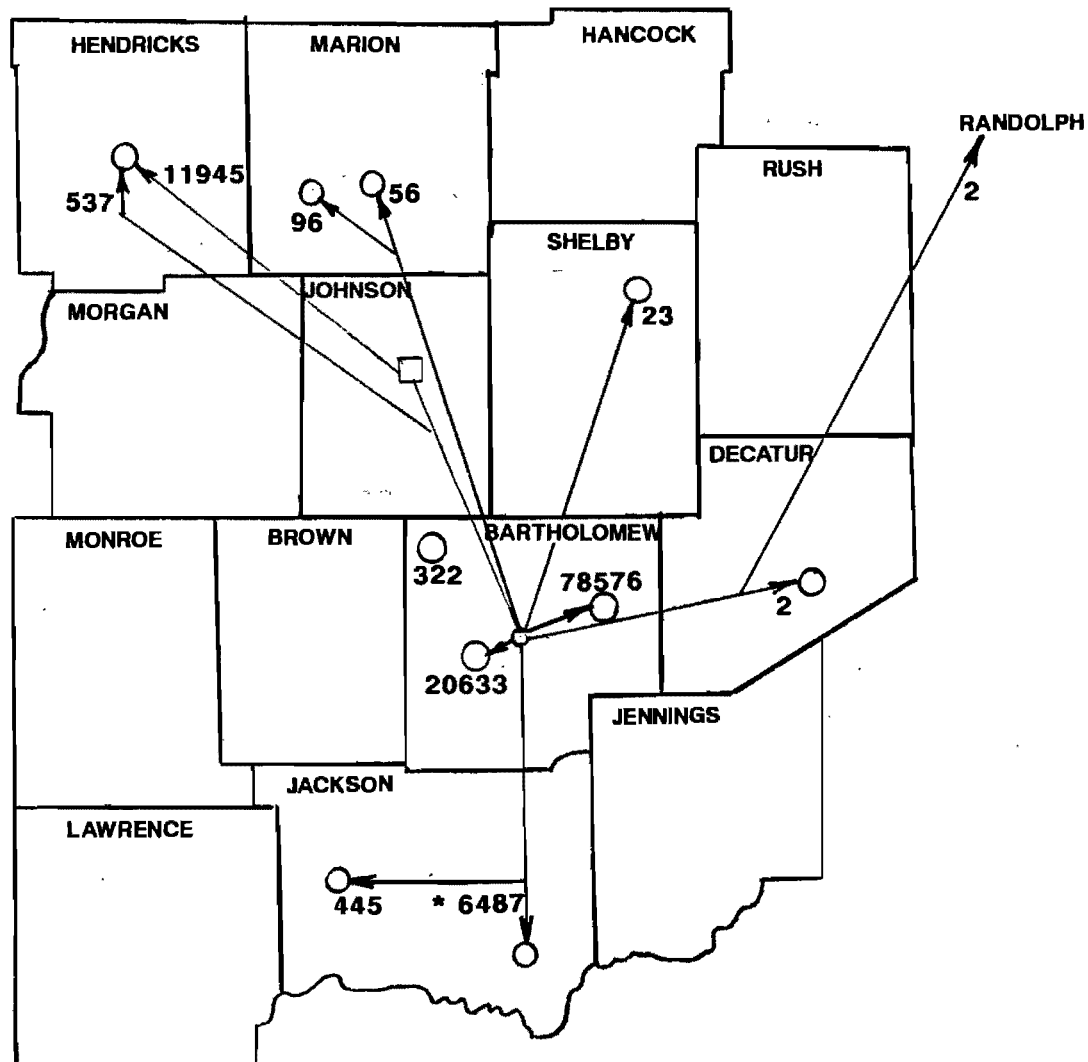
Figure III-1 depicts the flow of solid waste to other facilities.

- |    |  |   |             |
|----|--|---|-------------|
| 1) | Waste Management through Franklin Transfer Station to Danville Landfill in Hendricks Co. | - | 11,945 tons |
| 2) | Special Waste to Danville Landfill   | - | 537 tons    |
| 3) | Refuse and Special Waste to Rumpke's Medora Landfill in Jackson County                   | - | 445 tons    |
| 4) | Rumpke of Indiana through Columbus Transfer Station or Direct Haul                       | - | 6,302 tons  |



FIGURE III-1

1991 DISPOSAL OF SOLID WASTE  
GENERATED IN BARTHOLOMEW COUNTY



\* 6487 tons includes 185 tons from Edinburgh, plus direct haul and transfer by Rumpke of Indiana (6302 tons).

5)	Special Waste to Caldwell Landfill in Shelby County	-	23 tons
6)	Special Waste to Randolph Farms Landfill in Randolph County		2 tons
7)	Refuse or Special Waste to Southside Landfill in Marion County	-	96 tons
8)	Special Waste to Decatur Hills Landfill in Decatur County	-	2 tons
9)	Medical Waste to Ogden-Martin Incinerator in Marion County	-	56 tons
10)	Refuse generated at Camp Atterbury and Disposed of On-Site at Captive Landfill	-	322 tons
Total		-	19,730 tons

To this must be added the solid waste generated within the portion of the Town of Edinburgh that is within Bartholomew County. This was disposed of by Rumpke of Indiana in Jackson County. Assuming a similar residential generation rate to that experienced in the City of Columbus of 2.5 lbs/capita/day and 405 persons, an

estimated 185 tons per year would have been collected in Edinburgh. Combining **this with** the tonnages received at the Bartholomew County Landfill, the City Garage **foundry sand** site, and that reported to have been received at other sites, a total of 119,124 tons of solid waste **generated in Bartholomew County** was either land disposed or incinerated at public or commercial facilities during 1991. Of this total, 99,531 or 83.5% was land disposed in Bartholomew County at the three currently permitted sites.

Not included in this total are unknown quantities of non-regulated clean fill, such as concrete, brick, and stone that are being dumped at several active fill sites. The total may also not be considered representative of average years due to economic conditions that prevailed during 1991. The quantity of foundry sand being handled provides an indication of the effect of economic conditions. During 1987, a total of 81,187 tons was landfilled. This decreased to 78,142 tons in 1988; to 71,806 in 1989; to 54,575 tons in 1990; and to 42,988 tons in 1991.

### 3. Waste Diversion Survey

In late January 1992, 100 survey forms were mailed to institutional, commercial, and industrial employers within Bartholomew County. A listing is provided in Appendix A. The mailing list was compiled from the Columbus Area Chamber of

Commerce Membership Directory and "The Green Pages, A Guide to Recycling in Bartholomew County". The primary selection basis was firms with 20 or more employees. The form was developed by combining the example in the "Indiana Solid Waste Management Plan" and the short version proposed by the Indiana Manufacturer's Association. Revisions were made based on input received by the District Advisory Committee. A copy of the form is included in Appendix A.

The primary purpose of the form was to determine the quantity of material reused and recycled during 1991, and changes that occurred during 1991 that would have resulted in a reduction of waste generated during 1991. Rather than using national averages to project total waste generation, adding the quantity of waste material diverted obtained from the survey to that actually disposed, would provide an accurate estimate for the Plan of total waste generated in the District.

A total of 51 responses were received, representing over 17,540 employees, or approximately 60% of the total 29,040 person employment in Bartholomew County. Of these responses, 16 were called to clarify selected answers. An additional 25 calls were placed to those not responding and to firms active in recycling in order to obtain information on waste reduction and recycling efforts. Manufacturing industry contacted or from which survey

forms were received represented approximately 12,070 employees of the total 17,540 employee response. With manufacturing employing 45% of the 29,040 person work force in the District, the 12,070 employees represented 92% of total industrial employment.

Of the original 51 responses, 21 requested that the information be kept confidential. As such, only generalized summaries of the information gathered is presented in this report and Appendix A.

Findings include:

- Of the 51 responses, total reported or estimated tonnage of solid waste disposed of during 1991 was over 63,000 tons. Assuming 2.5 lbs/capita/day residential generation or 29,043 tons/year, industrial, institutional and commercial would have been about 90,000 of the 119,124 total in 1991. The survey response of 63,000 tons therefore represents 70% of the commercial and industrial solid waste disposed of in 1991. Including the re-use and recycling reported, the survey included over 123,500 tons of material generated or over 77% of the 160,339 tons of non-residential solid waste.
  
- Of the 51 responses, 13 anticipated an increase in solid waste during the next 5 years, 12 expected a decrease, 7

expected no change, 16 did not know, and 2 did not answer the question.

- Nine respondents indicated a willingness to use locally recycled materials such as skids and pallets, paper bags, paper and steel; an indication that a local waste exchange may be an effective tool in reduction efforts.
- No industry reported operating a boiler or similar unit that could utilize selected solid waste as a source of fuel. One industry expressed interest.
- 34 of the 51 survey forms returned indicated the need for a local pickup service to assist in waste reduction efforts. Fourteen responses indicated a willingness to pay for such a service, 16 answered "no", and 21 gave no answer or did not know.
- 35 of the 51 responses indicated that they had waste reduction programs underway or would be starting during 1992. Only 5 responses indicated that were not planning to initiate a program.

#### 4. Current Reduction, Re-Use, and Recycling

Information on current solid waste diversion from land disposal and incineration was obtained from the survey **responses**, interviews with recycling organizations, industries, and detailed summaries provided by Rumpke of Indiana and the Columbus-Bartholomew Recycling Center **(City Garage prior to July 1992)**. Where quantitative information was not available, national averages were used; such as 64% of aluminum beverage cans. Summarized results are provided in Tables III-1 and III-2. The breakdown in the tables is by **municipal (MSW) and industrial solid waste in order to be consistent with the State Plan and IDEN guidance.**

The 470 tons of newspaper listed in Table III-1 was derived from Recycling Center weights and amounts reported by several local organizations, including the Boys Club, a school, and a church. For vegetation, it was assumed that 75% of the national average of 0.7 lbs/capita/day (Franklin Study-1990) in the MSW stream was being re-used or recycled through management at the home or composting. Almost 3,000 tons of grass, leaves, and brush were handled at the City Garage composting site during 1991. While diversion of the other 3,000 tons cannot be documented, it would have been generated primarily in rural areas, where common practice would not have included bagging of leaves and grass. Since all vegetative waste will be banned from the local landfill in 1994 (SEA 25-1992), the accuracy of the 75% assumption does not change

TABLE III-1

BARTHOLOMEW COUNTY, INDIANA1991 MUNICIPAL SOLID WASTE REDUCTION, RE-USE, AND RECYCLING

<u>COMPONENT</u>	<u>TONNAGE DIVERTED IN 1991</u>
Newspaper	470 Tons
Vegetation	6,000 Tons
Metal Cans	100 Tons
Corrugated/Cardboard/Office	1,749 Tons
Plastics	28 Tons
Glass	94 Tons
Appliances and metals	792 Tons
Tires	76 Tons
Batteries	114 Tons
Clothing/Furniture	180 Tons
Used Oil	434 Tons
Special Miscellaneous	1,500 Tons
Skids and Pallets	<u>122 Tons</u>
Total	11,659 Tons



TABLE III-2

BARTHOLOMEW COUNTY, INDIANA

1991 INDUSTRIAL

SOLID WASTE RE-USE AND RECYCLING

<u>COMPONENT</u>	<u>TONNAGE DIVERTED IN 1991</u>
Metals	24,069 Tons
Paper/Corrugated	11,644 Tons
Skids and Pallets	1,204 Tons
Miscellaneous Wood	2,027 Tons
Plastics	27 Tons
Sand	14,424 Tons
Miscellaneous	<u>5,204 Tons</u>
Total	58,599 Tons

the planning process.

For metal cans, the totals reported by the **Columbus-Bartholomew** and Rumpke Recycling Centers were adjusted for a national recovery rate of 64% of aluminum beverage cans. The plastics and glass recycling figures were those reported from **these** two recycling centers **and** one business. The 1749 tons of paper products in Table III-1 is a combination of materials recovered by the two recycling centers as well as from commercial and institutional establishments, particularly grocery stores and the hospital.

Due to the readily available Kroot Corp. scrap yard in Columbus, appliances are routinely not disposed of in the Bartholomew County Landfill. Using the IDEM Guidance Paper No. 3 generation rate of 24.12 lbs/capita/year, total generation in the District would be 768 tons. The landfill operator reports receiving about 1 appliance/day. At an average of 200 pounds, only 30 tons/year **were** being disposed of in 1991.

All major tire dealers in Bartholomew County were contacted. Two of the larger outlets reported sending their tires to reclaimers as a part of national contracts. This totaled approximately 76 tons, using an average weight of 22 lbs. per tire.

All batteries were assumed to have been recycled since land disposal was legislatively banned in 1990. Batteries are also readily exchanged or accepted at recycling centers in Bartholomew County. The tonnage of clothing and furniture was calculated from volume information provided by the local Sans Souci store and Goodwill Industries. Used engine oil generation is estimated at 2.8 gallons per capita per year in accordance with the IDEM Guidance Paper No. 3, March 1992. Since used oil recycling centers are readily available in Bartholomew County and the SWMA provides for drop-off at the **Recycling Center**, it is assumed that 65% of the generated oil is being recovered per the report "Used Oil Management in Illinois", OTT-10, July 1991. This 65% recovery rate equates to 434 tons of used oil.

The survey is estimated to have **represented 70%** of the industrial/commercial/institutional portion of solid waste disposed and **over 77%** of the total generated. No adjustments were made to the quantities of recycled or re-used materials for the **non-surveyed** percentage, although the local metal dealer indicated significantly higher quantities of metals were being recovered. Since many of the survey respondents requested confidentiality of information, no breakdown of waste component by industry or market can be provided in this planning document.

Metals are routinely weighed as part of material sales. A number of industries did not respond to the survey or telephone calls. Therefore, the **24,069 tons** is considered a minimum value. Metals that were re-used in the manufacturing process at the point of generation (e.g. off-spec foundry castings) were not included in accordance with the IDEM Guidance Paper No. 2. The large quantities reported reflect the large number of metal working industries in Bartholomew County.

The **11,644 tons** of paper and corrugated was derived from yardage and tonnage estimates and actual weights of material reported in the survey, and from the recycling activities of Helt Enterprises (**Crothersville, Indiana**) and Indiana Environmental Services. The survey form requested information on material markets, so double counting was avoided from tonnages reported by industry and that reported by collection and brokerage services. For the most part, the **11,644 tons** was recovered by box and cardboard manufacturers, and the recycling programs of several large industries. Very little office or corrugated was reported being recovered from small industrial, commercial, and retail establishments.

Skid and pallet re-use and repair were common practices among the industries surveyed. The **1,326 tons from both MSW and industrial sources** was derived from the 20 pound average suggested in the March 1992 IDEM Guidance Paper No. 3. Miscellaneous wood recovered

consisted almost entirely of the processing and sale of bark mulch and sawdust from one sawmill.

Two foundries located in Columbus reported re-using a percentage of their casting sand. Their total waste generation by weight was multiplied by the respective % reclaim to yield the 14,424 tons of re-used material.

The **combined** miscellaneous **categories in Tables III-1 and III-2 of 6,704 tons** consists of 1,500 tons of land applied sewage sludge from the City of Columbus WWTP, recovered food wastes, and miscellaneous rendering. Sewage sludge generation from several small treatment plants in the District was not included since land application is not an annual practice.

IDEM Guidance Paper No.1 includes industrial lubricating oils as a solid waste. However, the survey did not include these materials since they have not been disposed of at the local landfill since it opened in 1974. Furthermore, the large quantity generated in the District and the high level of treatment and recovery as part of environmental control practices would not be meaningful in setting goals for diversion of 35-50% of solid waste from disposal.

## 5. Current and Projected Generation

Table III-3 presents the current and projected solid waste generation figures for Bartholomew County in five year increments from 1991-2011. Figure III-2 indicates little or no historical increase in disposal over the last 10 years, so industrial generation is projected to remain constant from 1996-2011. A 10,000 ton/year increase is assumed to occur between 1991 and 1996 due to the current economic recession. Residential and commercial waste (MSW) generation is assumed to increase in accordance with the projections of USEPA (1990), 4.09 lbs/capita/day in 1991 to 4.91 pounds in 2011 (IDEM 4/92).

As listed in Table III-3, total waste generation is projected to increase from **189,382 tons** in 1991 (base year) to **209,892 tons** in 2011. These totals include not only what has to be disposed of, but also materials being re-used and recycled. Since only the fraction being disposed of is routinely weighed and reported, verification of future generation rates will require additional **diversion** surveys.

TABLE III-3

BARTHOLOMEW COUNTY, INDIANAPROJECTED POPULATION AND SOLID WASTE GENERATION, 1991-2011PROJECTED POPULATION

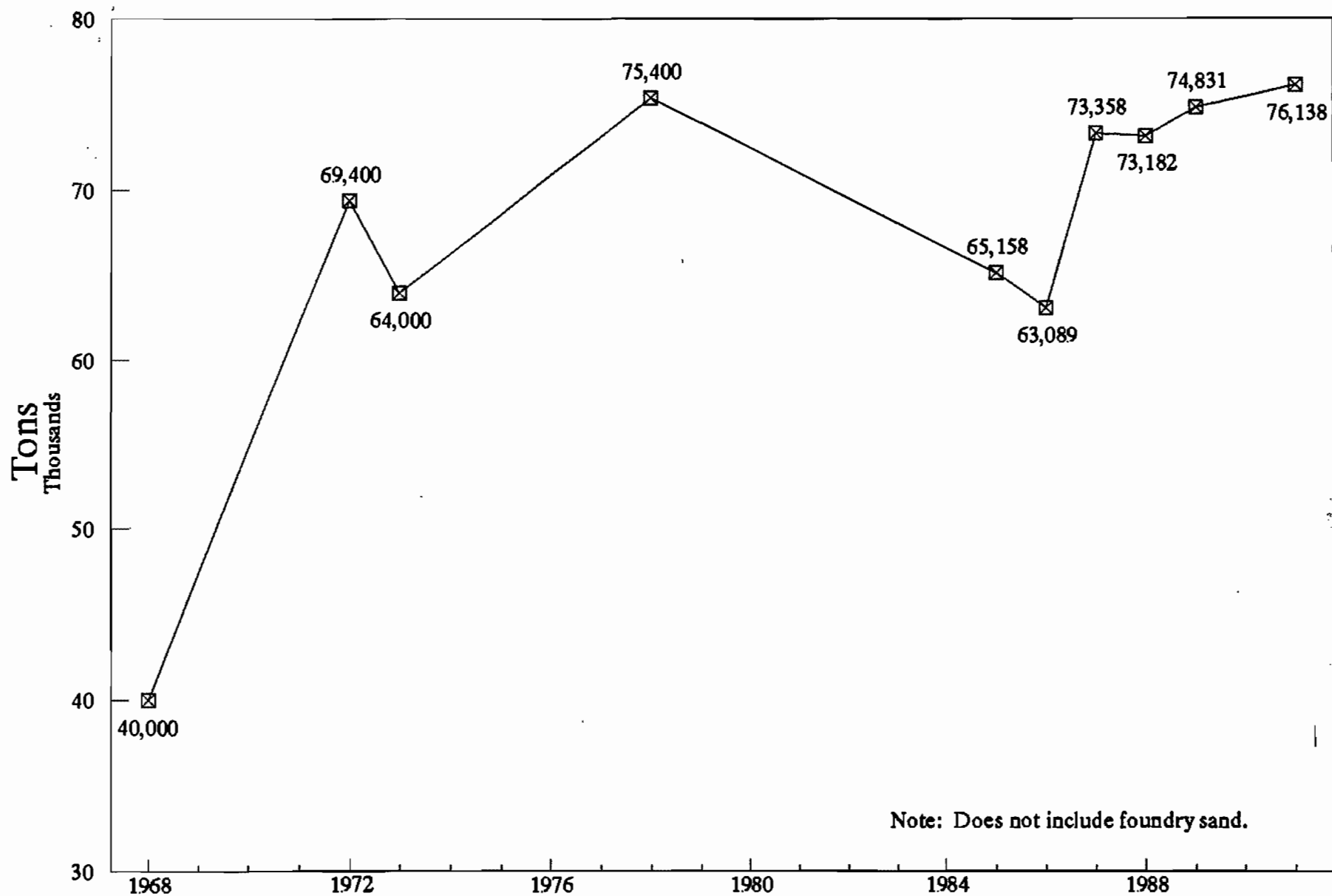
<u>1991</u>	<u>1996</u>	<u>2001</u>	<u>2006</u>	<u>2011</u>
63,660	63,940	64,240	64,630	64,750

ESTIMATED WASTE GENERATION (Tons)

	<u>1991</u>	<u>1996</u>	<u>2001</u>	<u>2006</u>	<u>2011</u>
<b>Municipal</b>	47,510	49,590	52,290	55,200	58,020
<b>Industrial</b>	<b><u>141,872</u></b>	<b><u>151,872</u></b>	<b><u>151,872</u></b>	<b><u>151,872</u></b>	<b><u>151,872</u></b>
<b>Total District Solid Waste Generated</b>	<b>189,382</b>	<b>201,462</b>	<b>204,162</b>	<b>207,072</b>	<b>209,892</b>

\* **Note:** 1990 Franklin Report was used to distribute total District waste generation into municipal and industrial fractions by multiplying population by MSW generation rate. For example, for 1991, per capita MSW rate is 4.09 pcd. This yields 47,510 tons. Subtracting this from the 189,382 tons derived from disposal records and the survey gives 141,872 tons of industrial solid waste.

**FIGURE III-2**  
**Disposal of Solid Waste**  
**Generated in Bartholomew County**  
**1968-1991**





## C. EXISTING FACILITY INVENTORY

Facility Inventory information was obtained from SWMA records, contacts with haulers and owners/operators of transfer stations and recycling services. Tonnages reported from collection stations were obtained from SWMA weight records at the Bartholomew County Landfill. The Bartholomew County Highway Department and Health Department were contacted for information on waste tire piles and open dumps. No significant waste tire piles are known to exist.

## BARTHOLOMEW COUNTY DISTRICT PLAN

### SECTION III.C.1

### LANDFILLS

- |   |   |
|---|---|
| 1. <b>Name</b> Bartholomew County Landfill  | 6. <b>Permit No.</b> OPP 3-3  |
| 2. <b>Site Address</b> SR 46E, Petersville IN   | 7. <b>Waste Types Accepted</b><br>Residential, industrial,<br>commercial, institutional,<br>construction, demolition,<br>and selected special<br>waste generated within<br>Bartholomew County |
| 3. <b>Mailing Address</b> 720 S Mapleton St.<br>Columbus IN 47201                                 | 8. <b>Phone</b> 812-376-2614  |
| 4. <b>Owner</b> City of Columbus<br>Bartholomew County<br>Solid Waste Management Authority (SWMA) |   |
| 5. <b>Operator</b> Rumpke of Indiana under<br>contract with SWMA                                  |   |

\*\*\*

- |  |   |
|--|---|
| 9. <b>Original Design Capacity (tons)</b><br>No record   | 13. <b>Access</b> Public;<br>limited to solid waste<br>generated within<br>Bartholomew County                           |
| 10. <b>Remaining Capacity (tons)</b><br>338,000 as of 1-1-92                                     | 14. <b>Current Capacity</b><br><b>Estimated by:</b><br>Richard J. Wigh, P.E.<br>Regional Services Corp.<br>812-372-9511 |
| 11. <b>Remaining Life (years)</b><br>3.5-5.0 years   |   |
| 12. <b>Quantity Accepted in 1991</b><br>Refuse ----- 56,223 tons<br>Foundry sand --- 22,353 tons | <b>Date</b> January 1, 1992   |

Note: Most of foundry sand diverted to City Garage site on 7-1-91.

**BARTHOLOMEW COUNTY DISTRICT PLAN**

**SECTION III.C.1**

**LANDFILLS**

- 
- |   |  |
|---|--|
| <p>1. <b>Name</b>    Camp Atterbury Sanitary LF</p> <p>2. <b>Site Address</b>    Hendricks Ford and<br/>                          Mauxferry Road</p> <p>3. <b>Mailing Address</b>    Atterbury Reserve<br/>                              Forces Training Ctr.<br/>                              Edinburgh IN 46124</p> <p>4. <b>Owner</b>                    USA (property)</p> <p>5. <b>Operator</b>    Installation of Atterbury<br/>                      Reserve Forces Training Area<br/>                      Military Dept. of Indiana</p> | <p>6. <b>Permit No.</b>    SW-272<br/>                          OPP 3-4</p> <p>7. <b>Waste Types Accepted</b><br/>Refuse generated from<br/>military operations</p> <p>8. <b>Phone</b>    812-526-9711</p> |
|---|--|
- \*\*\*
- |   |  |
|---|--|
| <p>9. <b>Original Design Capacity (tons)</b><br/>Unknown</p> <p>10. <b>Remaining Capacity (tons)</b><br/>77,000</p> <p>11. <b>Remaining Life (years)</b><br/>18 years</p> <p>12. <b>Quantity Accepted in 1991</b><br/>    <u>1643</u> (tons)<br/>    Bartholomew    -    322 tons<br/>    Johnson        -    1205 tons<br/>    Brown           -    116 tons</p> | <p>13. <b>Access</b>    Private -<br/>                  Limited to military usage</p> <p>14. <b>Current Capacity</b><br/>    <b>Estimated by</b><br/>    Nancy McWhorter,<br/>    Environmental Specialist</p> <p><b>Date</b>    January 1, 1992</p> |
|---|--|

**BARTHOLOMEW COUNTY DISTRICT PLAN**

**SECTION III.C.1**

**LANDFILLS**

- 
- |  |  |
|--|--|
| <p>1. <b>Name</b> City Garage Foundry Sand<br/>Disposal Site</p> <p>2. <b>Site Address</b> City Garage<br/>2250 Kreutzer Drive<br/>Columbus IN 47201</p> <p>3. <b>Mailing Address</b> 720 S Mapleton St.<br/>Columbus IN 47201</p> <p>4. <b>Owner</b> City of Columbus<br/>Bartholomew County<br/>Solid Waste Management Authority</p> <p>5. <b>Operator</b> SWMA</p> <p>9. <b>Original Design Capacity (tons)</b><br/>389,000</p> | <p>6. <b>Permit No.</b> FP 3-6</p> <p>7. <b>Waste Types Accepted</b><br/>Type III foundry wastes<br/>from Golden Castings only</p> <p>8. <b>Phone</b> 812-376-2614</p> |
|--|--|

\*\*\*

- |   |  |
|---|--|
| <p>10. <b>Remaining Capacity (tons)</b><br/>368,000</p> <p>11. <b>Remaining Life (years)</b><br/>4-6 years</p> <p>12. <b>Quantity Accepted in 1991</b><br/><u>20,633</u> (tons)</p> | <p>13. <b>Access</b> Captive</p> <p>14. <b>Current Capacity</b><br/><b>Estimated by:</b><br/>Richard J. Wigh, P.E.<br/>Regional Services Corp.<br/>812-372-9511</p> <p><b>Date</b> January 1, 1992</p> |
|---|--|

Note: Operation started July 1, 1991.

## BARTHOLOMEW COUNTY DISTRICT PLAN

### SECTION III.C.2

### COLLECTION SERVICES

- 
1. **Name** City of Columbus, Indiana                      5. **Permit No.** IN-04-0590
2. **Address** 2250 Kreutzer Drive  
Columbus IN 47201
3. **Owner** City of Columbus, Indiana                      6. **Phone** 812-376-2508
4. **Operator** Dept. of Sanitation  
Attn: Steve Brown
7. Serves approximately 12,000 residences within City of Columbus, and 380 commercial, small industrial, institutional (schools), and apartment containers up to 3 cubic yards. Quantity collected in base year includes:
- |    |  |                 |      |
|----|--|-----------------|------|
| A. | Disposed of at Bartholomew County Landfill                   | <u>* 20,350</u> | tons |
| B. | Yard waste to Columbus-Bartholomew Yard Waste Site           | <u>2700</u>     | tons |
| C. | Yard waste from private services, individuals, DSI, State    | <u>150</u>      | tons |
| D. | Yard waste to City Garage by Parks and Recreation Department | <u>60</u>       | tons |
| E. | White goods and other metals salvaged                        | <u>27</u>       | tons |
| F. | Trial curbside collection program                            | <u>13</u>       | tons |
| G. | Christmas tree recycling (90-91) (3142 trees)                | <u>30</u>       | tons |
| H. | Brush  | <u>30</u>       | tons |
| I. | Office Paper   | <u>10</u>       | tons |

\* Includes City of Columbus Sanitation Dept., City Parks Department, and City Utilities

**BARTHOLOMEW COUNTY DISTRICT PLAN**

**SECTION III.C.2**

**COLLECTION SERVICES**

---

- |   |  |
|---|--|
| 1. <b>Name</b> George and George Sanitation     | 5. <b>Permit No.</b> None                        |
| 2. <b>Address</b> Aiken Street<br>Hope IN 47246 |  |
| 3. <b>Owner</b> Could not contact               | 6. <b>Phone</b> Not Known                        |
| 4. <b>Operator</b>                              | 7. <b>Quantity Collected in</b><br>1991 76 tons* |

\* Weight taken from landfill billing (scale) records.

**BARTHOLOMEW COUNTY DISTRICT PLAN**

**SECTION III.C.2**

**COLLECTION SERVICES**

---

1. **Name** Jim Lawson Hauling, Inc.

5. **Permit No.** None

2. **Address** 153 Market Street  
Hope IN 47246

3. **Owner** Jim Lawson

6. **Phone** 812-546-5741

4. **Operator** Jim Lawson

7. Residential and limited commercial service in Hope, Clifford, Hartsville, and Schafer Lake area. Approximately 300+ stops.

Disposed of only at Bartholomew County Landfill 497 tons.

## BARTHOLOMEW COUNTY DISTRICT PLAN

### SECTION III.C.2

### COLLECTION SERVICES

- 
1. **Name** Rumpke of Indiana, Inc.                      5. **Permit No.** IN-03-0019
2. **Address** 1950 Tellman Road
3. **Owner** Rumpke of Indiana, Inc.                      6. **Phone** 812-372-1225
4. **Operator** Rumpke of Indiana, Inc.
7. County-wide collection service for residential, commercial, institutional, and industrial. Collects from approximately 1500 residences, plus Elizabethtown (130) and Edinburgh (150). Quantity collected in 1991 (base year) includes:
- |    |   |               |      |
|----|---|---------------|------|
| A. | Disposed of at Bartholomew County Landfill  | <u>11,300</u> | tons |
| B. | Transferred through Tellman Road and Edinburgh transfer stations to landfills in Jackson County         | <u>6,305</u>  | tons |
| C. | Hauled to Medora Landfill in Jackson County   | <u>445</u>    | tons |
| D. | Recycled materials from Bartholomew County Hospital and misc. sources (computer paper)                  | <u>25</u>     | tons |
| E. | Recycled materials from SWMA drop boxes at 3 grocery stores, landfill and southwest convenience station | <u>120</u>    | tons |



## BARTHOLOMEW COUNTY DISTRICT PLAN

### SECTION III.C.2

### COLLECTION SERVICES

---

- |                    |   |                      |              |
|--------------------|---|----------------------|--------------|
| 1. <b>Name</b>     | Waste Management of Columbus  | 5. <b>Permit No.</b> | IN-03-0074   |
| 2. <b>Address</b>  | 1120 Industrial Road<br>Columbus IN 47201   | 6. <b>Phone</b>      | 812-376-9048 |
| 3. <b>Owner</b>    | Waste Management Inc., NA   |                      |              |
| 4. <b>Operator</b> | Indiana Waste Systems, Inc.   |                      |              |
| 7. <b>Office</b>   | serves portions of south-central Indiana (Johnson-Bartholomew, Brown, Shelby Counties). Commercial, industrial, institutional (BCSC schools), residential (approx. 1000 residences) |                      |              |
| A.                 | Refuse disposed of at Bartholomew County Landfill (1991)  | <u>894</u>           | tons         |
| B.                 | Refuse hauled to Franklin Transfer Station (1991) (IDEM OPP 41-2) from Bartholomew County   | <u>11945</u>         | tons         |
| C.                 | Recycled corrugated from McDonald's, Pizza Hut, taken to Indianapolis (1991)  | <u>40</u>            | tons         |

## BARTHOLOMEW COUNTY DISTRICT PLAN

### SECTION III.C.2

### TRANSFER STATIONS

---

1. **Name** Tellman Rd. Transfer Station

6. **Permit No.** SW-347  
OPP 3-5

2. **Site Address** 1975 W Tellman Road  
Columbus IN 47201

7. **Phone** 812-372-1225

3. **Mailing Address** 1950 Tellman Road  
Columbus IN 47201

8. **Functions** Combining  
compactible loads for  
transfer to landfills in  
Jackson Co.

4. **Owner** Rumpke of Indiana, Inc.

During 1991, sources of  
solid waste were:  
Bartholomew Co. - 4790 ton  
Brown Co. - 165 ton  
Decatur Co. - 84 ton  
Jackson Co. - 36 ton  
Jennings Co. - 537 ton  
Johnson Co. - 693 ton

5. **Operator** Rumpke of Indiana, Inc.

\*\*\*

9. **Design Capacity** 100 tons/day

10. **Quantity Transported**  
in 1991 6305 tons

**BARTHOLOMEW COUNTY DISTRICT PLAN**

**SECTION III.C.3**

**TRANSPORTATION SERVICES**

---

- |   |   |
|---|---|
| <b>1. Name</b> Tellman Rd. Transfer Station                     | <b>5. Permit No.</b> N/A  |
| <b>2. Site Address</b> 1975 W Tellman Road<br>Columbus IN 47201 | <b>6. Phone</b> 812-372-1225  |
| <b>3. Owner</b> Rumpke of Indiana, Inc.                         | <b>7. Type</b> Haul from transfer<br>to landfill & recyclable<br>markets (roll-offs and<br>semis) |
| <b>4. Operator</b> Rumpke of Indiana, Inc.                      | <b>8. Quantity Transported<br/>in 1991</b><br>6305 tons   |

## BARTHOLOMEW COUNTY DISTRICT PLAN

### SECTION III.C.4

### PUBLICLY AVAILABLE RECYCLING SERVICES

---

1. **Name** Columbus-Bartholomew  
Recycling Center  
(City Garage prior to 7/92)

5. **Phone** 812-376-2508

2. **Site Address** 720 S Mapleton St.  
Columbus IN 47201

6. **Description** Saturday  
drop-off service. No  
buy back. 1100-2000  
vehicles/month. Accepts  
beverage cans, glass,  
newspaper, corrugated  
#1 and #2 plastics,  
metal items, used motor  
oil, appliances

3. **Owner** City of Columbus/Bartholomew Co.

4. **Operator** SWMA/City of Columbus

\*\*\*

7. **Daily Processing  
Capacity (tpd)** 20

8. **Total Quantity  
Collected 1991**  
385.7 tons

#### 9. Itemize Materials Collected in 1991

<u>Material</u>	<u>Tons</u>	<u>Material</u>	<u>Tons</u>	<u>Material</u>
Aluminum	6.9	Clothing	0	Oil 4730 gal.
Glass	60.1	Appliances	(see metals)	
Paper	167.8	Yard Waste	(see composting)	
Corrugated	125.7	Tires	0	
Plastic	14.2	Batteries	0	
Ferrous Metals	11.1			

76 tons of aluminum, glass, and plastic sold to Rumpke Recycling Center in 1991.

## BARTHOLOMEW COUNTY DISTRICT PLAN

### SECTION III.C.4

### PUBLICLY AVAILABLE RECYCLING SERVICES

---

1. **Name** Indiana Environmental Services      5. **Phone** Temp. Closed
2. **Site Address** Temporarily closed      6. **Description** Provided pickup and recycling of computer, white bond and file stock paper, and beverage containers
3. **Owner** Andy Murdock
4. **Operator** Andy Murdock

\*\*\*

7. **Daily Processing Capacity (tpd)** N/A      8. **Total Quantity Collected in 1991**  
112+ tons

#### 9. Itemize Materials Collected in 1991

<u>Material</u>	<u>Tons</u>	<u>Material</u>	<u>Tons</u>	<u>Material</u>	<u>Tons</u>
Aluminum	<1	Clothing	0	Other (list)	0
Glass	0	Appliances	0		
Paper	107	Yard Waste	0		
Corrugated	4	Tires	0		
Plastic	0	Batteries	0		
Ferrous Metals	0				

**BARTHOLOMEW COUNTY DISTRICT PLAN**

**SECTION III.C.4**

**PUBLICLY AVAILABLE RECYCLING SERVICES**

1. **Name** Kroot Corp.

5. **Phone** 812-372-8203

2. **Site Address** 2951 State Street  
Columbus IN 47201

6. **Description** Major  
metal salvage operation  
serving southern Indiana.  
Purchases all grades of  
steel, iron, aluminum,  
and other non-ferrous  
metals.

3. **Owner** Mr. Art Kroot

4. **Operator** Kroot Corp.

\*\*\*

7. **Daily Processing  
Capacity (tpd)** N/A

8. **Total Quantity  
Collected in 1991**  
Confidential

**9. Itemize Materials Collected in 1991**

<u>Material</u>	<u>Tons</u>	<u>Material</u>	<u>Tons</u>	<u>Material</u>	<u>Tons</u>
Aluminum	Confidential	Clothing	0	Non-ferrous	Conf.
Glass	0	Appliances	Conf.		
Paper	0	Yard Waste	0		
Corrugated	0	Tires	0		
Plastic	0	Batteries	Conf.		
Ferrous Metals	Conf.				

## BARTHOLOMEW COUNTY DISTRICT PLAN

### SECTION III.C.4

### PUBLICLY AVAILABLE RECYCLING SERVICES

1. **Name** Rumpke Recycling Center
2. **Site Address** 1975 W Tellman Road  
Columbus IN 47201
3. **Owner** Rumpke of Indiana, Inc.  
Columbus IN 47201
4. **Operator** Rumpke of Indiana, Inc.  
Columbus IN 47201  
Mr. Greg Littleton
5. **Phone** 812-372-1225
6. **Description** Approx. 50 users per week. Limited to glass, aluminum cans & scrap, ONP, batteries, plastics (#1 and #2). Purchase price changes with market.

\*\*\*

7. **Daily Processing Capacity (tpd)** 10
8. **Total Quantity Collected in the Base Year** 145 (tons)

#### 9. Itemize Materials Collected in the Base Year 1991

<u>Material</u>	<u>Tons</u>	<u>Material</u>	<u>Tons</u>	<u>Material</u>	<u>Tons</u>
Aluminum	18.2	Clothing	0	Copper	0.1
Glass	93.5	Appliances	0	Steel Cans	6.2
Paper	0.9	Yard Waste	0		
Corrugated	25*	Tires	0		
Plastic	25.4	Batteries	0.8		

\* Corrugated collected from Bartholomew County Hospital already baled.

Totals include purchase of aluminum cans, glass, and plastic from Columbus-Bartholomew Recycling Center.

**BARTHOLOMEW COUNTY DISTRICT PLAN**

**SECTION III.C.5**

**COMPOST FACILITIES**

- 
- |  |  |
|--|--|
| 1. <b>Name</b> Columbus-Bartholomew<br>Yard Waste Site                               | 6. <b>Permit No.</b> N/A   |
| 2. <b>Site Address</b> 720 S Mapleton St.<br>Columbus IN 47201                       | 7. <b>Phone</b> 812-376-2614   |
| 3. <b>Mailing Address</b> 720 S Mapleton St.<br>Columbus IN 47201                    | 8. <b>Materials Composted</b><br>Leaves, grass clippings,<br>shredded tree trimmings |
| 4. <b>Owner</b> City of Columbus-Bartholomew Co.<br>Solid Waste Management Authority |  |
| 5. <b>Operator</b> City of Columbus/SWMA<br>***                                      |  |
| 9. <b>Quantity Received in 1991</b><br>2970 tons                                     | 10. <b>Product</b> Compost and<br>Mulch - given away<br>in 1991                      |
| 11. <b>Residue for Disposal (tons)</b><br>Negligible                                 | 12. <b>Disposal Sites</b><br>Bartholomew Co.<br>Landfill                             |



**BARTHOLOMEW COUNTY DISTRICT PLAN**

**SECTION III.C.6**

**SOLID WASTE COLLECTION DEPOTS**

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- |  |  |
|--|--|
| 1. <b>Name</b> Bartholomew County Landfill<br>Convenience Station                    | 6. <b>Permit No.</b> N/A   |
| 2. <b>Site Address</b> SR 46E; Petersville<br>Columbus IN 47201                      | 7. <b>Phone</b> 812-376-2614   |
| 3. <b>Mailing Address</b> 720 S Mapleton St.<br>Columbus IN 47201                    | 8. <b>Materials</b> Residential<br>solid waste delivered in<br>cars. Drop-off recycling<br>available for UBC, glass,<br>and #1 and #2 plastics |
| 4. <b>Owner</b> City of Columbus-Bartholomew Co.<br>Solid Waste Management Authority |  |
| 5. <b>Operator</b> City of Columbus/SWMA<br>contract with Rumpke of Indiana, Inc.    |  |
| ***  |  |
| 9. <b>Attendant?</b> Yes - Scale Operator  | 10. <b>Quantity Collected in</b><br>1991 1122 tons   |

**BARTHOLOMEW COUNTY DISTRICT PLAN**

**SECTION III.C.6**

**SOLID WASTE COLLECTION DEPOTS**

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- |                           |  |   |                                   |
|---------------------------|--|---|-----------------------------------|
| 1. <b>Name</b>            | Recycling Drop-off Boxes   | 6. <b>Permit No.</b>                      | N/A                               |
| 2. <b>Site Address</b>    | Kroger Store, Natl Road<br>Marsh Store, 25th St.<br>Lo-Bill Store, State St.<br>SW Convenience Station<br>Bartholomew Co. Landfill<br>Hauser High School | 7. <b>Phone</b>                           | 812-376-2614                      |
| 3. <b>Mailing Address</b> | SWMA<br>720 S Mapleton St.<br>Columbus IN 47201  | 8. <b>Materials</b>                       | UBC, #1 and<br>#2 plastics, glass |
| 4. <b>Owner</b>           | City of Columbus-Bartholomew Co.<br>SWMA and Rumpke of Indiana   |   |                                   |
| 5. <b>Operator</b>        | Rumpke under contract<br>with SWMA   |   |                                   |
| ***                       |  |   |                                   |
| 9. <b>Attendant?</b>      | No   | 10. <b>Quantity Collected in<br/>1991</b> | 120 tons                          |

**BARTHOLOMEW COUNTY DISTRICT PLAN**

**SECTION III.C.6**

**SOLID WASTE COLLECTION DEPOTS**

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- |  |  |
|--|--|
| <b>1. Name</b> Saturday Pickup Stations  | <b>6. Permit No.</b> N/A   |
| <b>2. Site Address</b> Lowell Bridge, 700N<br>US 31 & 7,<br>SR 46W (Kent School)     | <b>7. Phone</b> 812-376-2614   |
| <b>3. Mailing Address</b> 720 S Mapleton St.<br>Columbus IN 47201                    | <b>8. Materials</b> Residential<br>solid waste and limited<br>commercial; Saturdays<br>only. |
| <b>4. Owner</b> City of Columbus-Bartholomew Co.<br>Solid Waste Management Authority |  |
| <b>5. Operator</b> City of Columbus/SWMA<br>contract with City of Columbus           |  |
| ***  |  |
| <b>9. Attendant?</b> Yes - Truck Drivers   | <b>10. Quantity Collected in</b><br>1991 1458 tons   |

**BARTHOLOMEW COUNTY DISTRICT PLAN**

**SECTION III.C.6**

**SOLID WASTE COLLECTION DEPOTS**

---

- |  |  |
|--|--|
| 1. <b>Name</b> Southwest Convenience Station   | 6. <b>Permit No.</b> N/A   |
| 2. <b>Site Address</b> Walesboro Airport<br>Columbus IN 47201                        | 7. <b>Phone</b> 812-342-9364   |
| 3. <b>Mailing Address</b> 720 S Mapleton St.<br>Columbus IN 47201                    | 8. <b>Materials</b> Residential<br>solid waste and limited<br>commercial; Saturdays<br>only. Drop-off recycling<br>available for UBC, glass,<br>and #1 and #2 plastics |
| 4. <b>Owner</b> City of Columbus-Bartholomew Co.<br>Solid Waste Management Authority |  |
| 5. <b>Operator</b> City of Columbus/SWMA<br>contract with Indiana Waste Systems      |  |
| ***  |  |
| 9. <b>Attendant?</b> Yes   | 10. <b>Quantity Collected in</b><br>1991 751 tons  |

**BARTHOLOMEW COUNTY DISTRICT PLAN**

**SECTION III.C.7**

**INCINERATORS/WASTE-TO-ENERGY FACILITIES**

---

- |   |   |
|---|---|
| <b>1. Name</b> Rockcreek Elementary School                | <b>5. Permit</b> N/A  |
| <b>2. Site Address</b> 13000 E 200 S<br>Columbus IN 47203 | <b>6. Phone</b> 579-5221  |
| <b>3. Mailing Address</b>                                 | <b>7. Operator</b> Wilma Jagers                                 |
| <b>4. Owner</b> Bartholomew Consolidated<br>School Corp.  | <b>8. Product</b> None  |
| ***   |   |
| <b>9. Design Capacity (tpd)</b><br>125 lbs/hr             | <b>11. Ash for Disposal (tpy)</b><br><400 lbs/yr                |
| <b>10. Quantity Processed in 1991</b><br><400 lbs/yr      | <b>12. Ash Disposal Sites</b><br>Bartholomew County<br>Landfill |

**BARTHOLOMEW COUNTY DISTRICT PLAN**

**SECTION III.C.8**

**OPEN DUMPS**

- 
1. Location: C.R. 965N,  
West of 31N
  2. Owner: Closure being pursued
  3. Size (acres): Unknown

\*\*\*

- 
1. Location: Mount Healthy Road
  2. Owner: Closure being pursued
  3. Size (acres): Unknown

\*\*\*

- 
1. Location: 1 mile north S.R. 9 and S. R. 46
  2. Owner: Closure being pursued
  3. Size (acres): 200± tires

\*\*\*

- 
1. Location: C.R. 700S
  2. Owner: Closure being pursued
  3. Size (acres): Less than 1 acre

\*\*\*

- 
1. Location: Dawson Steet, Van Blaricum Addition
  2. Owner: Cleanup ordered by IDEM in 1990
  3. Size (acres): Less than 1 acre. No extensive activity noted  
in 1992. Inspection from street.

# BARTHOLOMEW COUNTY DISTRICT PLAN

## SECTION III.C.9

## OVERVIEW OF EXISTING SOLID WASTE MANAGEMENT FACILITIES/PROGRAMS

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<u>FACILITY TYPE</u>	<u>NUMBER</u>	<u>DESIGN CAPACITY</u>	<u>REMAINING CAPACITY</u>	<u>QUANTITY IN 1991 (base year)</u>
Landfills	3	Unknown	783,000 (1)	99,531 tons (2)
Collection Services	5	N/A	N/A	54,727 tons
Transportation Services	1	N/A	N/A	6,305 tons
Transfer Stations	1	100 tpd	N/A	6,305 tons
Incinerators	1	125 pph	N/A	<1 ton
Recycling	4	N/A	N/A	682 (3)
Compost Facilities	1	N/A	N/A	2,970 tons
Solid Waste Collection Centers	12	N/A	N/A	3,451 tons

---

(1) Only 338,000 tons is publicly available.

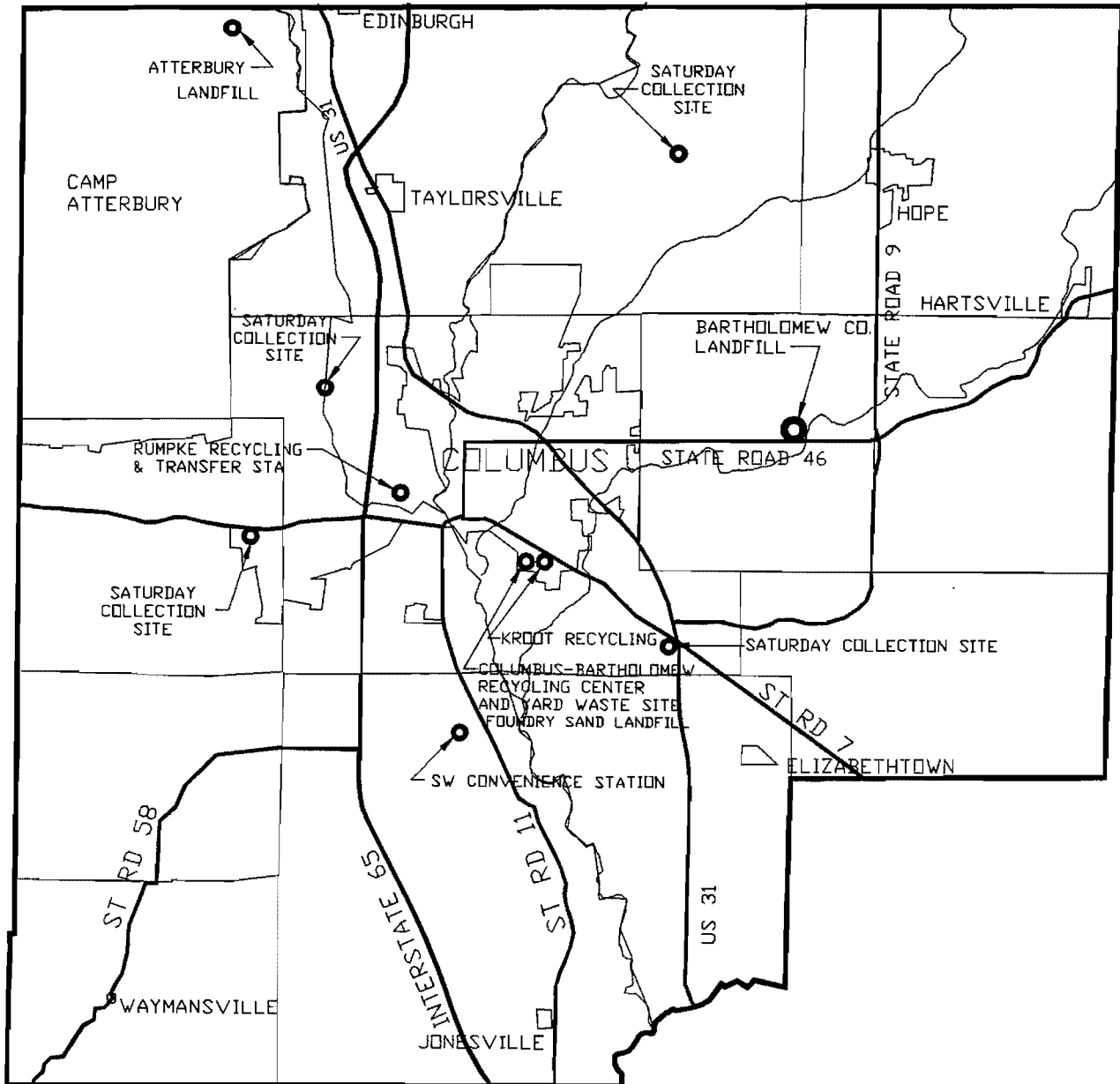
2) Does not include 1321 tons generated in Brown and Johnson County disposed of at Camp Atterbury.

(3) Does not include Kroot Corp., Helt Enterprises or similar services.

## BARTHOLOMEW COUNTY DISTRICT PLAN

### SECTION III.C.10

### MAP OF EXISTING FACILITIES





## **BARTHOLOMEW COUNTY DISTRICT PLAN**

### **SECTION IV**

### **SOLID WASTE MANAGEMENT PLAN**

---

#### **A. DISTRICT GOALS**

From a total of **189,382 tons** of solid waste generated in 1991, an estimated **11,659 tons** was being diverted from **municipal** solid waste and at least **58,599 tons** from industrial sources. The combined total of **70,258 tons** represented a diversion rate of **37.1%**, in excess of the legislatively established goal for 1996 of 35%. Although the legislative waste reduction goal has already been achieved, the Bartholomew County Solid Waste Management District, the Citizens Advisory Committee, and the residents of Bartholomew County remain committed to further aggressive efforts in reducing solid waste disposal. This section of the Plan describes the strategy to further increase per capita source reduction, reuse, and recycling.

The **business** survey indicated that some larger industries and retailers had already implemented programs, particularly with metals, corrugated, skids, pallets and some office paper. These programs were primarily historical practices, such as scrap metal

recovery; partly implemented due to the incentive of the gate fee established at the landfill on January 1, 1991; and in part due to community and environmental concern.

With larger industry and retail establishments already having started or in the process of implementing diversion programs, the initial emphasis of the District efforts needs to be on the residential, commercial, and small industrial segment. The survey, which also included some restaurants and other commercial activities, indicated little recycling was occurring among smaller employers, other than traditional corrugated recovery at supermarkets and department stores, and aluminum beverage can recycling by employees. Little office paper recovery was occurring, even at large commercial and office establishments. In part, this was due to poor market conditions and too small a quantity for pickup by recycling services such as Helt Enterprises.

A conceptual program for 1996 was presented to the District Advisory Committee and the public in March 1992. This consisted of targeted materials and recovery goals. A similar component analysis and goals for each of the five year planning periods is presented in Table IV-1. A corresponding listing of goals for the industrial portion of the waste stream is provided in Table IV-2. The percent diversion or reduction in waste for disposal is calculated in accordance with the IDEM State Plan by dividing the amount of material diverted by the 189,382 ton generation rate in the base year of 1991.

**TABLE IV – 1**  
**MUNICIPAL SOLID WASTE – RECYCLING, REUSE & REDUCTION GOALS**

**1991 – 2011**

<u>COMPONENT</u>	<u>TONNAGE RECOVERED OR REUSED</u>				
	<u>1991</u>	<u>1996</u>	<u>2001</u>	<u>2006</u>	<u>2011</u>
Total Generation	47,510	49,590	52,290	55,200	58,020
Newspaper	470	1,100	1,200	1,300	1,400
Vegetation	6,000	8,100	8,100	8,100	8,100
Metal Cans	100	300	600	700	800
Office Paper/OCC	1,749	3,000	6,000	9,000	12,000
Plastics	28	150	200	300	400
Glass	94	400	1,200	1,300	1,400
Appliances and Metals	792	840	840	840	840
Tires	76	525	700	700	700
Batteries	114	114	114	114	114
Clothing/Furniture	180	360	400	400	400
Used Oil	434	600	600	600	600
Other	1,622	1,622	1,622	1,622	1,622
Total Material Recovery	11,659	17,111	21,576	24,976	28,376
% Reduction	24.5%	36.0%	45.4%	52.6%	59.7%
Tonnage for Disposal	35,851	32,479	30,714	30,224	29,644

**TABLE IV - 2**  
**INDUSTRIAL SOLID WASTE - RECYCLING, REUSE & REDUCTION GOALS**

1991 - 2011

<u>COMPONENT</u>	<u>TONNAGE RECOVERED, REUSED OR REDUCED</u>				
	<u>1991</u>	<u>1996</u>	<u>2001</u>	<u>2006</u>	<u>2011</u>
Total Generation	141,872	151,872	151,872	151,872	151,872
Metals	24,069	30,000	30,000	30,000	30,000
Paper/Corrugated	11,644	15,000	20,000	21,000	22,000
Skids & Pallets	1,204	1,750	1,750	1,750	1,750
Misc. Wood	2,027	2,128	2,128	2,128	2,128
Plastics	27	100	100	100	100
Misc.	5,204	5,204	5,204	5,204	5,204
Construction/Demolition	0	1,000	2,000	2,000	2,000
Foundry Wastes	14,424	16,500	23,000	23,000	23,000
Reduction	0	3,550	7,100	7,100	7,100
Total Diversion	58,599	75,232	91,282	92,282	93,282
% Diversion	41.3%	53.0%	64.3%	65.0%	65.8%
Tonnage for Disposal	83,273	76,640	60,590	59,590	58,590

Combining the totals of Tables IV-1 and IV-2 yields: —

<u>Year</u>	<u>Waste Reduction, Reuse, Recycling (tons)</u>	<u>Overall % Diversion</u>	<u>Tonnage For Disposal</u>
1991	70,258	37.1%	119,124
1996	92,343	48.8%	109,119
2001	112,858	59.6%	91,304
2006	117,258	61.9%	89,814
2011	121,658	64.2%	88,234

**B. DESCRIPTION OF NEEDED ACTIVITIES BY 1996**

**1. Municipal Solid Waste Segment**

As depicted in Table IV-1, the goals to be achieved by 1996 include:

- Increasing newspaper, beverage can, plastic and glass recovery in Columbus to 10 pounds/household/month by instituting curbside collection in 1994.
- Increasing natural vegetation (leaves, grass, brush, limbs) diversion to 100% to meet the requirements of SEA-25.
- Doubling the usage of drop-off services for metal cans, plastics and glass.
- Eliminating white goods disposal at the landfill by **January 1993**.
- Eliminating **lead-acid** battery and used oil disposal at the landfill as soon as possible.
- Increasing tire diversion from the landfill to 75% of total generation.
- Increasing the recovery of clothing and furniture.
- **Increasing** the quantity of paper and corrugated recovery from residential, commercial, institutional and small industrial sources to **3,000 tons/year**.

Curbside pickup of source separated recyclables was widely encouraged by the public. It is not planned to be a mandatory practice before 1996. This is primarily due to the current market conditions and financial considerations. For example, typical weekly curbside collection costs range from \$1.50-\$2.50/household per month. For the City of Columbus, with approximately 12,000 residences, the average cost would be \$24,000/month, or \$288,000/year. A study by EcoPartners performed for the City of Indianapolis of curbside programs in Chicago, Cincinnati, Minneapolis, Philadelphia, Providence, San Jose and Seattle indicated collection rates of only 16-57 pounds/household per month. Excluding Seattle, which utilizes a variable subscription rate, the average amount collected was 22.5 pounds/household per month.

For 12,000 residential units, total recyclables would be 135 tons/month at a cost of approximately \$24,000. This equates to \$177/ton. **Assuming** material sales at an average of \$20/ton, a landfill diversion credit of \$20/ton, and processing costs of \$20/ton, the net cost would be \$157/ton. Furthermore, total diversion would only be 135 tons/month, or 1620 tons/year. This is estimated to be only 11% of residential solid waste (**assuming 2.5 lbs/capita/day**) in the City and only 0.8% of the **190,257 ton** total annual generation in Bartholomew County. The City does, however, plan to **begin implementing** bi-weekly service in 1994, in addition to the current yard waste pickup.

To meet the 1996 goals, the following program is planned for the components listed in Table IV-1.

a. Public Education

By far the most important part of any program will be the effort to educate the public and the business community. The program will include both a beginning and continuing awareness campaign. There are many options including:

- Short brochures distributed through schools, churches, retail establishments, by location services (trash can tags), or by direct mail.
- Newspaper, radio or television announcements.
- Educational programs in the schools.
- Promotional campaigns such as recycler of the month or year awards.
- Business audits and technical assistance for **source reduction** and waste minimization by the SWMA Recycling Coordinator.
- Making citizens aware of the true cost of disposal and recycling **to encourage source reduction**.
- Purchase of products with minimal packaging waste.
- Proper management of medical waste, batteries, used motor oil, appliances, tires, etc.
- **Promoting source reduction and reuse as the preferred options in managing solid waste.**

Since the program outlined in the plan is specific to Bartholomew County, professional assistance needs to be retained by the District and the SWMA to develop the overall educational program. **The** SWMA and the District

will be responsible for implementing the program. It is planned that this program be initiated in 1993 or earlier if possible.

b. Curbside Collection

By mid-1994, the City of Columbus will institute bi-weekly curbside collection of selected materials at the 12,000 residences within the City. It is anticipated that one truck will be available in early 1994. Additional trucks will be added through 1996. Collection will be voluntary with a 50% participation goal. Depending on markets, it is anticipated that newspaper, beverage cans, glass and plastics will be collected initially. To encourage participation, residents will be provided bins if funding is available through IDEM recycling grants. Private haulers will also be encouraged to provide this or a similar service. An incentive that can be used is lower gate fees at the landfill.

It is planned to initiate this program by mid-1994. Consideration will have to be given to providing a supply of paper to service organizations who **currently rely** on newspaper for income should the program interfere with **their supply**.



The collected materials will be processed and stored at the Recycling Center. Options for material use will be governed by market conditions and include:

1. Direct sales to brokers or end users
2. Shredding newspaper for animal bedding, sale for packaging, shredding and composting if there is no market for recycling the paper.

c. Vegetation

Senate Bill 25 passed during the 1992 legislative session essentially prohibits the disposal of natural vegetative matter in landfills after September 30, 1994. To comply with this ban, the following programs are planned to be in-place by mid-1994:

- Completion of a District-wide educational **source reduction** effort encouraging backyard composting and leaving grass clippings on the lawn.
- Full-time access to the SWMA/**Recycling Center Yard Waste** facility for individuals, commercial services (haulers and landscapers) and municipal vehicles.
- Separate pickup of grass clippings and leaves in marked containers and/or colored or Kraft bags. This is already being performed within the City of Columbus but a fee system or subscription service will be instituted after 2-3 years if the educational program does not encourage home grass clipping diversion. No charge will be levied for the annual fall leaf pickup in urban areas.
- An additional composting operation at the SWMA landfill.

- Brush chipping or shredding at both the **Recycling Center Yard Waste** facility and the SWMA landfill.
- A ban on the placement of vegetative matter in refuse containers that are also used for storage and collection of trash, **including education of haulers to enforce this by refusing pickup of these materials.**
- A ban on receipt of vegetative material at all Saturday pickup points and convenience stations. **Site attendants will be required to enforce the ban by refusing to accept the material.**

d. Increasing Drop-Off Service Usage

The SWMA and Rumpke of Indiana currently sponsor drop-off service at the City Garage, Rumpke's Recycling Center, at 3 Marsh and Kroger stores in Columbus, at Hauser High School in Hope, and at the landfill and the Southwest Convenience Station near Walesboro. Through public education and increased availability, it is planned to double the usage of these services by 1996. This should increase collection of metal cans, glass and plastics by at least 200 tons/year by 1996.

To accomplish this, the following program will be undertaken:

- Education beginning in 1992.
- Adding up to 3 more boxes in the Taylorsville and Elizabethtown areas, and west side of Columbus where there currently is no service. Begin in 1992.
- Instituting volume-based user fees for solid waste with free recyclable acceptance at all Saturday pickup points and the landfill during 1993 or 1994.

To make this program cost effective, it is planned to combine the Lowell Bridge and ABC School (SR 46) Saturday pickup points into a convenience center, and possibly revising the SR 7 and US 31S pickup point to a convenience station. The CR 700N Saturday pickup point could be serviced with a small trailer. Additional part-time employees would be needed at the SW center, the combined Lowell Bridge-ABC School pickup point, and 7&31 to monitor recyclable drop-off and to collect fees for waste to be disposed of.

e. Appliances

For the most part, white goods from Bartholomew County are currently being returned to scrap dealers **and are accepted at the Columbus-Bartholomew Recycling Center.** To increase the recovery of these materials, it will be necessary to **ban acceptance or** install a roll-off box near the working face of the landfill for recovery of the remaining portion of appliances along with any other large pieces of scrap metal. The box can be loaded and hauled by the landfill operator, and any income derived from the sale of the metal kept by the Contractor. **A ban or this program** will be instituted in 1993.

It **must** be recognized that capacitors used in some appliances prior to 1979 and refrigerant gas (CFC's and HCFC's) are **causing** rejection of some appliances and air conditioners at selected metal salvage yards. Amendments to the Clean Air Act in 1990 **resulted** in a ban on the release of refrigerants during recycling or disposal as of July 1, 1992. The District **will** be prepared to **assist**

in handling the rejected appliances as a community service or encourage this to be performed at **appliance dealers** or the local salvage yard **by 1993**. Substantial fees **will have to be assessed** to cover the cost of gas recovery and **compressor** removal and disposal.

f. Battery and Used Oil Disposal

Lead acid battery disposal at landfills was banned in the 1990 legislative session under HB 1391. To assure compliance with these rules, the requirements of the legislation will be included in the education program. In addition, all haulers and city crews will be instructed to not pick up batteries in household trash and, if possible, from containers. Since there is a market value for batteries, and trade-ins have to be accepted by retailers, enforcement of the ban should not impose any undue expense on the community.

Used motor oil is **potentially** placed in trash by residents, even though there are a number of drop-off points in the county, **as listed in Table IV-3**. The **Recycling Center** also accepts used motor oil. A local **disposal** ban will be imposed and additional drop-off tanks will be installed at convenience centers. **Private collection services will be used to remove and transport the accumulated oil to recovery facilities**. In addition,

# WHERE TO RECYCLE USED MOTOR OIL

\*\*\*\*\*

*List effective as of 8/92. Please call first to verify acceptance!*

**Auto Works**  
 2520 Central Avenue  
 Columbus IN 47201  
 372-4474  
 M-F 8:00am-9:00pm  
 Sat 8:00am-8:00pm  
 Sun 9:00pm-6:00pm

**Terry's Amoco**  
 2355 Jonathan Moore Pike  
 Columbus IN 47201  
 376-9622  
 7 days, 24 hrs

**Columbus Bartholomew  
 Recycling Center**  
 720 S Mapleton Street  
 Columbus IN 47201  
 376-2614  
 T-Th 7:30am-3:30pm  
 Sat 8:00am-3:30pm

**Tony's Muffler Shop**  
 1105 Washington Street  
 Columbus IN 47201  
 372-8200  
 M-F 8:00am-6:00pm  
 Sat 8:00am-12noon

**Johnson Shell**  
 I-65 & SR 46  
 Columbus IN 47201  
 372-2206  
 7 days, 24 hrs

**Sear's Automotive**  
 222 Courthouse Center  
 Columbus IN 47201  
 379-1428  
 M-Sat 7:30am-8:00pm  
 Sun 12Noon-5:00pm

**Max's Marathon**  
 South Main Street  
 Hope IN 47246  
 546-4495  
 M-F 6:00am-9:00pm  
 Sat 8:00am-8:00pm

**Rumpke Recycling Center**  
 1975 W Tellman Road  
 Columbus IN 47201

the education program should include all of the places collecting oil, proper handling techniques, as well as requiring haulers and city crews to leave the motor oil at the residence.

g. Tires

Tires comprise approximately 1.5% by weight of the municipal solid waste stream. Their bulk and flexibility makes them difficult to handle in large quantities at the landfill. Based on typical dimensions of a passenger car tire, their in-place density in the landfill is only half that of typical solid waste. As such, there is a basis for charging double the normal gate fee at the landfill. Many landfills charge \$1.00 or more per tire handled, which equates to over \$80/ton as opposed to Bartholomew County's current fee of \$20/ton. To assist in District initiatives, the Bartholomew County Landfill will institute a tire disposal fee of \$40/ton beginning in **January 1993.**

Beginning in 1992, the SWMA Recycling Coordinator will develop a waste tire task force in the community comprised of dealers, with the objective of diverting 75% of waste tires from the landfill by 1996. Markets for tire processing are continuing to develop and currently limited quantities can be taken to Wolfe Industries in Brazil for pyrolysis, Rubber Materials Handling and ASK

Shredders in East Chicago, to Archer, Daniels, Midland Company in Decatur, Illinois and to a number of other facilities in Indiana and the midwest. Limits are imposed on size and types of tires. A 12 million/year tire derived fuel plant will also be available in 1994 in Michigan. Federal highway funding is also emphasizing using tires in asphalt paving materials. This process is being studied at Purdue University and may provide an additional market in the next few years.

Trailer load quantities are normally delivered to end users. Wolfe Industries will provide a trailer at the dealer's site. If sufficient room is not available, then the SWMA can provide space at the new recycling center or the landfill, thus allowing access by individuals. If dealer cooperation cannot be obtained, then in addition to the gate fee, a local tax will have to be imposed on new tires to provide for recycling activities.

h. Clothing and Furniture

Goodwill Industries and San Souci accept used clothing and limited amounts of furniture. The SWMA Recycling Coordinator will work with these groups to determine their needs and capabilities. If possible, by utilizing the education program, the amount of material that is accepted by these groups will be doubled by 1996.

i. Paper and Corrugated

While there are a number of commercial and industrial facilities currently recovering cardboard and computer paper in the community, little effort is being made by residential, small commercial or small industry to recycle higher grades of paper. A total of only 1510 tons of material was recycled in 1991, primarily by supermarkets and large retail establishments.

The USEPA (**IDEM Resource Manual, January 1992**) estimates paper products to comprise approximately 38% of municipal solid waste. For 1991, this would amount to **about** 18,000 tons in Bartholomew County. Of this, it is estimated that 42%, or **about** 7600 tons, consisted of corrugated and office paper. Thus, within Bartholomew County, the **1749 tons** recovered in 1991 represented a **23½ recovery rate**. For 1996, it is proposed to increase this to 3,000 tons/year, or to 39%, provided an adequate market is available for the material.

To accomplish this goal, commercial and industrial recovery will be included in the educational program, and the new recycling center will be available for business 5-6 days/week. In addition, the SWMA Recycling Coordinator will conduct audits, provide technical assistance, and help develop educational programs at



participants' establishments.

Furthermore, the District or the SWMA will need to establish a commercial pickup service under contract with a private hauler or as an additional service provided by the City of Columbus, or perhaps a service provided by the SWMA or an organization such as Developmental Services, Inc. The collected and delivered material would be processed and baled at the new recycling facility currently under construction by the SWMA. A small fee will be charged based on the frequency of pickup and the value of the material. It must be recognized that commercial pickup of recyclables is currently being performed by Rumpke of Indiana, Waste Management, and Helt Enterprises. Every effort should be made to complement or expand these services. If possible, this service will be instituted on a drop-off basis in 1992 and the collection route started in 1993 or 1994. Lower grades of paper (magazines, ledger stock, junk mail, etc.) will also be included as soon as markets are located or become available.

## 2. Industrial Solid Waste Segment

As depicted in Table IV-2, the focus of the industrial diversion program is to:

- Increase metal recovery by almost 6,000 tons/year.

- Increase paper recovery by **over** 3,000 tons/year. —
- Increase pallet and skid reuse, rebuilding and diversion to 95% of the estimated generation.
- Implement a recovery program for construction and demolition debris.
- Increase foundry waste reuse from the current 30% to 35%.
- Create an awareness through education and published examples of successful programs that will achieve a 2.5% overall reduction in solid waste generation by 1996.

The following programs will need to be implemented to achieve the 1996 objectives:

a. Public Education

In general, the educational effort towards industry would be a summary of community goals, particularly those of the District Plan. In addition, the plan requires a voluntary reduction in waste generated through production or packaging modifications of 2.5% by 1996 and 5% by 2001. Industry leaders will be made aware of this and the services of the SWMA Recycling Coordinator will be made available to them. Supplementing this effort will be the "State Action Plan" that will be implemented by IDEM promoting source reduction.

b. Metals

The largest current category of recycled materials in the District is industrial recovery of iron, steel, aluminum, copper and brass. The near term 1996 goal is to increase

the amount recovered from **24,069 tons/year** to 30,000 tons/year. Improved economic conditions will contribute in part to this. The goal of 30,000 tons/year is possibly already being achieved. However, reluctance in answering the survey **form** or not wanting to divulge specific information has resulted in an incomplete survey. It is planned therefore to improve the technique of gaining information by 1996 and repeat the survey. This may require that a private firm gather the data with only summary reporting to the District or other governmental agencies.

c. Paper/Corrugated

Based on information provided through the survey, the majority of paper recovered during 1991 was from two sources. Their efforts represented almost 8,600 of the **11,644 tons** recycled. Corrugated recovery was common among larger **industries** but office paper programs were just getting started. It is possible that the lack of a market for small quantities has discouraged many businesses from initiating programs. It is therefore planned that the pickup service to be offered to commercial and small industry also be available to larger businesses for their smaller quantities of marketable paper. As soon as feasible, lower grades of paper will be added to the services available. The assistance of

the SWMA Recycling Coordinator **will** prove to be quite helpful in organizing programs, marketing a larger quantity of recovered material, and developing waste minimization programs.

d. Skids and Pallets

Reuse, rebuilding and return of skids and pallets is a common practice among **business**. Of **approximately** 2,000 tons/year estimated **from survey responses** to be generated, over 65% were already being diverted from disposal. The local goal is to increase this to 95% by 1996. Education by making **businesses** aware of the rebuild programs offered by Helt Enterprises and DSI would be one method. Another alternative would be to develop an exchange program in the community where users would be advised of quantities and sizes of used skids available throughout Bartholomew County. This practice exists informally today. If this is successful with skids and pallets, the program can be easily expanded to an electronic bulletin board for other common industrial wastes. Used skids could also be stockpiled at the new recycling center or the landfill for pickup by **users**. Lastly, skids received at the landfill could be temporarily placed to the side for use by individuals for firewood or storage, or shredded for mulch.

e. Construction/Demolition

Usable materials from demolition projects are commonly recovered, but there is no easy way to assess the quantity. One way of assuring that reusable materials are removed from a structure prior to demolition would be to require inspection by the local building and zoning office before issuance of a demolition permit. It is therefore planned that this be performed on a trial basis during 1993 prior to enacting a local ordinance requiring the inspection.

Construction refuse contains usable quantities of corrugated, steel banding and other items. It is proposed that all building permits issued after 1993 require builders to recycle marketable materials. Incentives could include requiring a description of the recycling program at the time of permit issuance and checks during the normal inspections by the local office at the time of other inspections to assure the plan is being followed. Again, the new recycling center would serve as a drop-off point for selected materials. Requirements will also be imposed in bid specifications for public buildings encouraging use of recycled materials and recovery of wastes during construction.

f. Foundry Sands

One of the largest components of the waste stream in Bartholomew County is foundry wastes. The two large foundries in Columbus disposed of almost 45,000 tons of sands and similar materials during 1991, almost 38% of the total solid waste received at landfills within Bartholomew County. Reuse did account for over 14,000 tons of material diverted from local disposal facilities.

Sand reclamation and reuse is proposed to be increased to meet the legislative goal of 35% by 1996. No effort is proposed on behalf of the District other than advising the generators of the goal, and the need to reduce disposal within the community. One factor favoring an increase in minimizing foundry wastes is the expiration of Golden Castings 10-year economic incentive package as of 1996. This program, which began in January 1986, has essentially provided free disposal for the sand for the past 6 years. When the cost of disposal at either the City Garage site or the landfill has to be paid by the generator, sufficient economic incentive should be present to improve current recovery practices to the goals presented in this plan.

g. Reduction

One effort that cannot be readily assessed is waste

minimization achievements by industry. The increasing costs of materials and disposal and a developing environmental awareness, local and State education are all assumed to result in a reduction of industrial solid waste generated of 2.5% by 1996 and 5% by 2001. This is consistent with IDEM's Guidance Paper No. 2 which allows a credit of up to 5% in Districts with aggressive education/promotion programs.

#### C. DESCRIPTION OF NEEDED ACTIVITIES BY 2001

District goals listed in Tables IV-1 and IV-2 show an increase in waste reduction, reuse and recycling by **approximately 20,500 additional** tons between 1996 and 2001. The overall diversion rate would reach **59.6%**, with **112,858 tons** of material recovered or not generated. Total disposal would decrease from **109,119** to **91,304 tons**.

Accomplishing this within the MSW component involves continually higher participation at drop-off centers; increasing paper recovery from commercial and small industry by another 3,000 tons/year; diversion of 95% of tires; and the implementation of mandatory residential curbside collection within the City of Columbus and all towns with municipal services. Furthermore, private hauling services who serve individual homeowners will be required to offer curbside pickup. Curbside pickup would therefore be available to

over 15,000 residences that are currently served by a weekly collection service. Under current laws, ordinances mandating curbside collection and mandatory participation would have to be enacted at the County and municipal level rather than under the limited District authority.

No specific method for curbside collection is proposed within this plan. There are a large number of alternatives such as source separation, commingled pickup, trailers, and multi-compartment trucks. Financing methods also vary widely. Specific recommendations will be included when this plan is revised in 1996. Since the city is currently running both refuse and grass routes, it is suggested that the curbside pickup be combined with one of these routes in order to avoid the capital and operating expense of three stops at the same house each week.

The second major focus for MSW recovery between 1996 and 2001 is an increase in paper recovery by 3,000 tons/year. This would involve recycling of **almost** 80% of the higher grades of paper such as corrugated and writing paper. This is probably not possible even with mandatory business recycling programs. Therefore, in order to achieve the goal, it will be necessary to begin recycling of lower grades of paper including magazines, telephone books, ledger stock and perhaps junk mail as soon as it is feasible and markets are available. Specific grades can be added to pickup schedules as market conditions allow.



Within the industrial sector, the primary goals listed in Table IV-2 are to increase paper recovery by 5,000 tons/year over 1996 levels, improve construction and demolition waste recovery by an additional 1,000 tons/year and increase foundry waste reuse or reduction to the legislative goal of 50%. Continued growth in source reduction is anticipated to the 5% level.

#### D. DISPOSAL NEEDS

##### 1. Remaining Life

Total land disposal of solid waste generated within Bartholomew County in 1991 totaled 99,531 tons. An additional 19,730 tons was landfilled outside the District, primarily at Rumpke's Uniontown Landfill in Jackson County and Waste Management's facility in Hendricks County. There is no known importation of solid waste into Bartholomew County except at the Camp Atterbury captive facility. Of the 99,531, over 45,000 tons consisted of foundry wastes from Golden and Essex Castings.

The City-County Solid Waste Management Authority has provided for operation of the Bartholomew County Landfill since 1974. As of January 1, 1992, this facility had an estimated remaining capacity of 338,000 tons, as determined from on-site surveying and aerial mapping. The small sanitary landfill utilized by Camp Atterbury is a captive site and not available to Bartholomew County business and residents. The City Garage foundry sand facility, which opened in

1991, is estimated to have a capacity of 368,000 tons.— None of these facilities are currently known to be operating under a consent decree or agreed order.

Part of the reason for the diversion of over 19,000 tons of refuse in 1991, particularly to facilities in Jackson and Hendricks County, was the institution of a gate fee of \$20/ton by the SWMA beginning on January 1, 1991. Prior to that time, no gate fee was assessed to users except for demolition debris and hard-to-handle wastes such as large loads of tires. Rumpke and Waste Management, the largest haulers in Bartholomew County, both diverted portions of their collected refuse to their own facilities.

In late 1991 and early 1992, both haulers began to return portions of their business to the Bartholomew County Landfill. In April 1992, Rumpke announced the eventual closing of its Uniontown facility in late 1992. These changes in waste flow require that the remaining life of the Bartholomew County Landfill has to be projected using all of the material generated within the County. Excluding the foundry sand, this amounted to over 76,000 tons/year in 1991, an estimated 81,000 tons in 1992 due to improved economic conditions, decreasing to approximately 61,000 tons/year in 1996 as additional recovery programs are initiated. Large scale construction and demolition projects could significantly increase these projections. Utilizing the projected tonnage for disposal in Tables IV-1 and IV-2, the landfill capacity will be exhausted

in mid-1996. By about mid-1995, it will be necessary to excavate the access road and maintenance building area to obtain the final year of life.

The City Garage foundry sand disposal site was opened in July 1991. The remaining capacity as of January 1992 is estimated to be 368,000 tons. The generation of sand is highly variable, Golden's having ranged from 81,187 tons in 1987 to 42,988 tons in 1991. Therefore, site life could be as short as 4 years, but a more likely figure is 6 years. For planning purposes, additional capacity would have to be available in 1997-1998.

## 2. Disposal Alternatives

One of the primary objectives of the City of Columbus-Bartholomew County Solid Waste Management Authority (SWMA) is to provide a disposal facility for community use. Since 1974, this City-County agency has been responsible for the existing landfill, employing private contractors to operate the site. With public ownership, Bartholomew County has been able to exclude out-of-county refuse and exercise direct control over the quality of the operation through operating specifications and inspections. Full tax support through 1990 enabled the community to have no gate fees.

In 1991, a \$20/ton gate fee was instituted to encourage waste reduction efforts, to reduce the tax support, and to develop equity among users based on the amount of waste disposed. Foundry sand

from Golden Castings was excluded from a gate fee as part of the 10-year economic incentive agreement. Wastes collected by or generated from governmental agencies were also exempt from the gate fee. The balance of the operating costs incurred during 1991 were obtained from the City of Columbus and Bartholomew County tax revenues.

The desired alternative for disposal of waste generated within Bartholomew County is to continue to provide this community service within the County. This will enable the community to control not only its costs, but also the destiny and long-term liability for the solid waste requiring disposal. The alternatives therefore become what facilities should be provided as part of an integrated solid waste management plan.

Should the District fail to establish additional capacity by mid-1996, then other alternatives of transfer and disposal at commercially available facilities would have to be examined. Capacity of incineration and landfill facilities within a 50-60 mile radius that might have to be utilized are as follows:

Decatur Hills Landfill; Decatur County

8.8 million cubic yards of air space, 30 years projected life, privately owned and operated. Current gate fee in the \$25/ton range.

Jennings County Landfill; Jennings County

485,000 cubic yards of air space, 35 years of projected life at 6,000 tons/year. Current County ordinance prohibits out-of-county solid waste. Large expansion potential on 150 acres of zoned property. Site is currently for sale. Current gate fee in the \$25/ton range.

Uniontown Landfill; Jackson County

346,000 cubic yards of air space remaining. Owned and operated by Rumpke of Indiana. Closure planned for late 1992. Current gate fee in the \$20/ton range.

Medora Landfill; Jackson County

1,497,000 cubic yards of capacity remaining. Owned and operated by Rumpke of Indiana. Expansion plans being prepared. Current gate fee in the \$20/ton range.

Brown County Landfill; Brown County

220,000 cubic yards of capacity remaining. Privately owned and operated. Site is for sale. Current gate fee in the \$20/ton range, including District fee of \$3/ton.

Danville Landfill; Hendricks County

9.6 million cubic yards of capacity remaining. Owned and

operated by Waste Management. Estimated 10 year remaining life. Major expansion being designed.

Southside Landfill; Marion County

10.5 million cubic yards remaining; 13 year estimated life. Privately owned and operated.

Caldwell Landfill; Shelby County

982,000 cubic yards of air space remaining; 7 year estimated life. Privately owned and operated.

Indianapolis Resource Recovery Facility

Mass burn plant with steam recovery; currently operating at capacity (2,250 tons/day). Considering addition of a fourth furnace (750 tons/day). Current gate fee is \$18/ton. Projected to go to \$22-\$25/ton in near future. Limited capability for bulky waste.

The projected lives of each of these facilities is subject to change as more landfills within Indiana close. Prices are also subject to revision as market conditions change. The capacity and fees also do not reflect changes that may occur due to RCRA Subtitle D provisions, which are anticipated to be imposed in the Fall of 1993. Some landfills may choose to close prior to that time or limit the type of waste handled. Another factor

complicating availability are current attempts by IDEM to control service areas through permit issuance and demonstrations of need. Future efforts by Districts to control daily receipts and service areas can also be anticipated.

An integrated plan for Bartholomew County would involve source reduction, reuse, recycling, composting, land application, and disposal of residuals by incineration and/or landfilling. Sections IV.A-C describe proposed efforts of material diversion from disposal. It is projected that the measures to be implemented will reduce annual disposal needs from 119,124 tons in 1991 to **88234** tons/year in 2011.

a. Incineration

Incineration has traditionally been viewed as a volume reduction technique to lessen land disposal requirements. More recently energy recovery in the form of steam and electricity has been added to the process. It must be recognized that incineration is limited in the type of material that can be accepted. Examining the Bartholomew County solid waste that was disposed of in 1991 by fractions that could not be incinerated yields:

1991 Total Solid Disposal -----	119,124 tons
Appliances -----	( 30 tons)
Furniture -----	( 500 tons)
Skids/Pallets -----	( 674 tons)
Foundry Sand -----	(43,982 tons)
Construction/Demolition -----	(10,000 tons)
Special Wastes -----	( 1,160 tons)
Camp Atterbury -----	( 322 tons)
<b>Total Remaining for Incineration -----</b>	<b>62,456 tons</b>

Of the remaining fraction, it is anticipated that up to 15% will be bypassed due to incinerator down time or unacceptable quality, leaving 53,088 tons as potentially burnable. Further reducing this will be new material recovery efforts.

Ash from the incineration process is normally 30% of the input. Therefore, total waste reduction would be 70% of the 53,088 tons, or 37,161 tons. Of the total waste stream disposed of in 1991 of 119,124 tons, this represents only 31%. As material recovery increases, this percentage will decrease. Typical costs for an incinerator in the 150-200 tpd capacity range with steam recovery would be in the \$12-\$15 million range, with operating costs of \$35/ton or higher.

Due to the cost of incineration and the remaining quantity of solid waste generated that would have to be landfilled, incineration is not considered an attractive option in the near term. There are, however, special



situations where the steam supply to a large industrial user might be of sufficient value to make the economics attractive. If rapid escalation of energy costs were to occur, a public/private partnership for the generation of energy from the waste stream may prove a viable option within Bartholomew County. This concept should be evaluated again during periodic review and updates of this plan.

b. Local Disposal Capacity

Utilizing Tables IV-1 and IV-2, adequate local disposal capacity for the next twenty years must be available to accommodate the following **estimated** tonnages.

<u>Year</u>	<u>Total for Disposal</u>	<u>Refuse</u>	<u>Foundry Sand</u>
1992	129,124	79,124	50,000
1996	<b>109,119</b>	<b>61,119</b>	48,000
2001	<b>91,304</b>	<b>49,804</b>	41,500
2006	<b>89,814</b>	<b>48,314</b>	41,500
2011	<b>88,234</b>	<b>46,734</b>	41,500

Using the average estimates over these periods, a 20-year total of 1,088,000 tons of refuse capacity and 876,250 tons of sand capacity is projected.

Subtracting the existing capacity at the Bartholomew County Landfill and the City Garage foundry sand disposal site leaves 771,085 tons of refuse capacity and 540,750 tons of foundry sand capacity required for the next twenty years.

Projecting refuse tonnage and foundry sand production over a twenty year period and designing a facility based on those projections is not considered sound practice. Changing industrial processes and unforeseen growth, natural disasters, major demolition projects, unrealized markets, revised environmental regulations, and other factors demand that some factor of safety be provided. For the purpose of this plan, a value of 50% is used. This requires that the minimum capacity that should be developed to fulfill the community need should be 1.13 million tons for refuse disposal and 762,000 tons for foundry wastes.

Landfill site preparation and operating costs for the foundry sand are significantly lower than for refuse. As such, the two operations should be conducted separately. The same site can be used, but different operating areas. For the foundry sand, several options could be considered:

- Expand the existing disposal site.
- Overfill older sections of the Bartholomew County Landfill.
- Develop a new site exclusively for foundry wastes.
- Develop a portion of a new landfill site for separate area filling with foundry wastes.
- Let Golden Castings develop its own facility after expiration of the existing 10 year agreement (1995).

Regarding the first option, the property to the-south of the City Garage is currently for sale and the haul distance from the foundry is minimal. The primary disadvantages are a lack of suitable soil for cover material and a small area that could possibly be classified as a wetland. The second option would **require no change** of zoning and the use of the sand might be beneficial in reshaping the final contours of the landfill where settlement has taken place. A soil shortage may be present. It is therefore necessary that the District begin the task by performing an options and cost analysis, working with Golden and Essex Castings, with recommendations to be completed by July 1, 1993.

The existing Bartholomew County Landfill was expanded by 24 acres in early 1989, with operations beginning in 1990. The expansion satisfied a near term need for additional capacity and alleviated a serious shortage of soil cover material. In June 1989, a study committee was formed for the purpose of siting replacement capacity. That committee's recommended site was not obtained. In early 1992, the District board signed an option to purchase a tract of land adjoining the existing landfill. This site is currently undergoing preliminary investigation. It is expected that local planning and zoning, preparation of

a permit application to IDEM, and site construction will require a minimum of 3 years. With a current capacity of only about 4 years at the existing site, there is potentially insufficient time to repeat the site selection process should the effort to expand the landfill on the adjoining property not be successful.

If the current effort to expand the landfill is not successful or is delayed, the District and the SWMA will need to pursue a modification application for an increase in height in the 24 acre expansion area. While sufficient soil is not available on-site, this option would be considerably less expensive to operate, even with imported soil, than would transfer of Bartholomew County's solid waste to an out-of-District disposal facility. Potentially 300,000± tons of additional capacity could be realized, sufficient for an additional 4-5 years of life. A revision to the current conditional use permit would be required. An application would need to be prepared for IDEM review by early 1993.

After submittal of this application, the District will have to repeat the site selection process. The program would include appointment of a new committee, establishing location criteria, public meetings to review the process and selected sites, final selection and

public planning and zoning hearings. An example of such a program has been published by the Intergovernmental Solid Waste Disposal Association of Champaign County, Illinois (1990).

#### **E. PROBLEM WASTES**

##### **1. Tires, White Goods, Used Motor Oil, Batteries**

Handling of these items is discussed under Section IV.A, municipal solid waste programs for 1996. A cooperative effort among tire dealers for recovery or energy use is proposed, with an incentive fee at the landfill if necessary. Used motor oil and batteries are to be excluded from collection and disposal, with education of the public and the haulers the primary enforcement tools. White goods are currently well managed in Bartholomew County. The remaining quantities are to be recovered at the landfill. Difficulty in handling appliances with older capacitors and CFC's can be anticipated. If the State does not provide an outlet for these items, the District will have to provide for refrigerant recovery and capacitor removal or drainage. A user fee will be necessary to cover the costs of this program.

##### **2. Household Hazardous Waste/Conditionally Exempt Hazardous Wastes**

Lead based paints, solvents, cleaning caustics and acids, insecticides, pesticides and lawn chemicals typically account for less than 1% of MSW. These wastes are exempt from the hazardous

waste regulatory programs. Amendments to HB 1240 in 1991 require that District plans address this issue. Regulations for a grant program created under HEA 1311 are currently in the final stages of adoption. This is a matching grant program for the conduct of District educational and collection programs.

One of the primary concerns of household hazardous waste being disposed of at the landfill is the potential for groundwater quality problems resulting from the products. For the most part, the acids or caustics present no real threat in small quantities due to the large buffering capacity of the landfill and absorption by the paper products. Furthermore, the current landfill is one of the few in the State to have a leachate collection system, minimizing any threat to groundwater. Any future landfill site or expansion will include synthetic liners to provide an even higher degree of protection.

One of the initial tasks of the Citizens Advisory Committee was investigation of the potential for holding a household hazardous collection day. Information obtained from a presentation by a commercial service was that:

- Cost would be \$80-\$137/participant. Supporting this are data from the Illinois program of \$105 and of Monroe County where the cost was \$110/user.
- Normal participation would be 1-2% of population.
- Waste mix would include 60% paint and 15% oil.

For Bartholomew County, the projected cost using this data would possibly be in the \$50,000 to \$75,000 range. No funds were available from the 1991 or 1992 SWMA budget for such a program, but efforts were to be made to obtain funding through governmental agencies, foundations, industry and State grants.

HHW collection days do provide a needed service, but they are extremely expensive and only reach a small segment of the population one time. It has also been noted that little change occurs in consumer purchase patterns and that the awareness created by a single collection day can actually increase landfill receipts. It is therefore planned that the District establish a drop-off service at the new recycling center with a small user fee on a one day/week basis. On that day, residents could drop off (or pick up) unwanted or excess products. Oil collection is already an available service.

Water based paints should not be included in the service due to their volume and lower priority of environmental concern. Conditionally exempt hazardous waste should not be collected from businesses since they can contract with commercial treatment and disposal services.

To establish the local service, the District will have to:

- Develop an educational program for citizens as outlined in the State Plan.
- Require training of any contract, SWMA, District or City

employee that will be in charge of receiving and storing the waste.

- Establish a user fee.
- Contract with a reputable commercial small quantity generator service for pick up and processing/disposal of collected materials.
- Construct a small storage facility for the materials in accordance with 329 IAC 3 requirements, and the guidance offered by IDEM.

Conditionally exempt hazardous waste is material that is exempt from regulations, in particular due to the small quantity generated. Current Federal and State regulations allow these small quantities to be disposed in sanitary landfills. The amount generated within Bartholomew County is not known, nor were national averages made available in State guidance. Therefore, no generation is included or provided for in the total waste estimates. Due to the diversity of generators such as service stations, dry cleaners, car repair shops and machine shops, it is not possible to inventory all of the potential generators.

It is the District's position that these materials are generated by business, and that an income is derived from using/generating the materials. Therefore, the individual generators should be responsible for storage and disposal through commercial small quantity generator services. Furthermore, these materials should not be accepted at the landfill.

#### F. PROJECTION OF NEEDED FACILITIES

Identified within Sections IV.A-E is the need for the following facilities:

- Composting sites at the Recycling Center and landfill.
- Brush storage and processing at the Recycling Center and landfill.
- Additional drop-off sites at Taylorsville, Elizabethtown, and on the west side.
- Two additional convenience stations.



- Recycling Center (processing facility) for drop-off box, business pickup and curbside efforts.
- Tire storage (trailers).
- Skid and pallet storage.
- New land disposal capacity

Many of these facilities are already in place. Changes and/or additions that will be needed are:

1. Establish an area at the landfill for composting, brush storage and chipping, skid and pallet storage, and possibly tire storage.
2. Expand the existing composting and brush chipping area at the Columbus-Bartholomew Recycling Center.
3. Arrange for drop-off box locations in the Taylorsville, Elizabethtown, and the west side areas.
4. Revise the Lowell Bridge, ABC School, and 7&31 Saturday pickup points to convenience stations.
5. Possibly expand the new Columbus-Bartholomew Recycling Center, depending on the amount of material that is handled by private processors such as Helt Enterprises and Rumpke of Indiana.
6. Establish tire storage trailers at either dealers, the Columbus-Bartholomew Recycling Center and/or the landfill.
7. Establish skid and pallet storage areas at the Columbus-Bartholomew Recycling Center and/or the landfill.
8. Establish new or expanded land disposal facilities for a minimum **1.13 million tons** of refuse and **762,000 tons** of foundry wastes.

These facilities are listed in **Table IV-4** along with anticipated capacities and projected years of construction or implentation.

**TABLE IV-4**

**PROJECTION OF NEEDED FACILITIES**

- |  |                        |
|--|------------------------|
| 1. Type: Temporary storage and processing                        | 4. New Facility        |
| 2. Location: Bartholomew County Landfill and/or Recycling Center | 5. Capacity: 2,000 tpy |
| 3. Material Processed: Brush, Pallets                            | 6. Startup: 1993-1994  |
- 

- |  |                        |
|--|------------------------|
| 1. Type: Composting Area                 | 4. New Facility        |
| 2. Location: Bartholomew County Landfill | 5. Capacity: 1,000 tpy |
| 3. Material Processed: Vegetation        | 6. Startup: 1993-1994  |
- 

- |   |                          |
|---|--------------------------|
| 1. Type: Drop-off Recycling Containers                              | 4. New                   |
| 2. Location: West side of Columbus, Taylorsville, and Elizabethtown | 5. Capacity: 200 tons/yr |
| 3. Material Processed: UBC, #1 and #2 Plastic, Glass                | 6. Startup: 1992-1993    |
- 

- |  |                                   |
|--|-----------------------------------|
| 1. Type: Collection Stations and Drop-off Recycling Containers | 4. Replacement and New Facilities |
| 2. Location: Western Bartholomew County and Junction 7&31      | 5. Capacity: 1,000 tpy            |
| 3. Material Processed: MSW                                     | 6. Startup: 1993-1994             |

TABLE IV-4 (cont.)

PROJECTION OF NEEDED FACILITIES

- |   |                       |
|---|-----------------------|
| 1. Type: Tire storage   | 4. New Facility       |
| 2. Location: Landfill, Recycling<br>Center or Dealers<br>Center | 5. Capacity: 700 tpy  |
| 3. Material Stored: Tires                                       | 6. Startup: 1992-1993 |
- 

- |                               |  |
|-------------------------------|--|
| 1. Type: Landfill             | 4. New or Expanded<br>Facility                                     |
| 2. Location: To be determined | 5. Capacity: 1.13<br>million tons                                  |
| 3. Material Received: Refuse  | 6. Startup: Mid-1995<br>for Expansion,<br>Mid-1996 for<br>New Site |
- 

- |   |                                |
|---|--------------------------------|
| 1. Type: Landfill                       | 4. New or Expanded<br>Facility |
| 2. Location: To be determined           | 5. Capacity: 762,000 tons      |
| 3. Material Received: Foundry<br>wastes | 6. Startup: 1996-1997          |
- 

- |   |                                  |
|---|----------------------------------|
| 1. Type: Recycling Center                   | 4. Expansion                     |
| 2. Location: 720 S Mapleton St.             | 5. Capacity: To be<br>determined |
| 3. Material Processed: Recycled<br>Material | 6. Startup: To be<br>determined  |

TABLE IV-5

BARTHOLOMEW COUNTY DISTRICT PLAN  
SUMMARY OF SOLID WASTE GENERATION AND DESTINATION

	<u>Base Year</u>				
	<u>1991</u>	<u>1996</u>	<u>2001</u>	<u>2006</u>	<u>2011</u>
1. Population	63,657	64,318	64,654	64,712	64,490
2. Residential and Commercial Waste (TPY)	47,510	49,590	52,290	55,200	58,020
3. Industrial Waste	<b><u>141,872</u></b>	<b><u>151,872</u></b>	<b><u>151,872</u></b>	<b><u>151,872</u></b>	<b><u>151,872</u></b>
4. Total Waste Generated in District (TPY)	<b>189,382</b>	<b>201,462</b>	<b>204,162</b>	<b>207,072</b>	<b>209,892</b>
5. Industrial Recycling	<b>58,599</b>	<b>71,682</b>	<b>84,182</b>	<b>85,182</b>	<b>86,182</b>
6. MSW Recycling	<b>5,035</b>	<b>7,772</b>	<b>12,062</b>	<b>15,462</b>	<b>18,862</b>
7. Other	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8. Subtotal	<b>63,634</b>	<b>79,454</b>	<b>96,244</b>	<b>100,644</b>	<b>105,044</b>
9. Waste Reduction	0	<b>3,550</b>	<b>7,100</b>	<b>7,100</b>	<b>7,100</b>
10. Yard Waste	6,000	8,100	8,100	8,100	8,100
11. MSW Composting	0	0	0	0	0
12. Lead Acid Batteries	114	114	114	114	114
13. Tires	76	525	700	700	700
14. Other (oil)	<u>434</u>	<u>600</u>	<u>600</u>	<u>600</u>	<u>600</u>
15. Total	<b>70,258</b>	<b>92,343</b>	<b>112,858</b>	<b>117,258</b>	<b>121,658</b>
16. % Reduction and	<b>37.1%</b>	<b>48.8%</b>	<b>59.6%</b>	<b>61.9%</b>	<b>64.2%</b>
17. Waste from District for Disposal (TPY)	119,124	<b>109,119</b>	<b>91,304</b>	<b>89,814</b>	<b>88,234</b>
18. Sent to Other Districts	<b>19,593<sup>(1)</sup></b>	0	0	0	0
19. Sent to Other States	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
20. Waste for Disposal in District	<b>99,531</b>	<b>109,119</b>	<b>91,304</b>	<b>89,814</b>	<b>88,234</b>

TABLE IV-5 (cont.)

BARTHOLOMEW COUNTY DISTRICT PLAN  
SUMMARY OF SOLID WASTE GENERATION AND DESTINATION

	<u>Base Year</u>				
	<u>1991</u>	<u>1996</u>	<u>2001</u>	<u>2006</u>	<u>2011</u>
21. Out of District Waste Imports	1,321	1,321	1,321	1,321	0
22. Out of State Waste Imports	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
23. Total Waste Managed in District	100,852	110,440	92,625	91,135	88,234
24. Waste Incinerated in District	<1	0	0	0	0
25. Net	100,852	110,440	92,625	91,135	88,234
26. Ash Residue	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
27. Waste Landfilled in District (TPY)	100,852	110,440	92,625	91,135	88,234

- (1) 19,593 tons includes exports listed on pages III-6 and III-7, less 322 tons from Camp Atterbury, plus 185 tons generated in Edinburgh.

[illegible]

## **BARTHOLOMEW COUNTY DISTRICT PLAN**

### **SECTION V**

### **IMPLEMENTATION AND FINANCING**

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#### **A. IMPLEMENTATION GOALS**

Listed in Table V-1 is the schedule for implementation of the program goals outlined in Section IV, the Solid Waste Management Plan. It must be recognized that the program is subject to revision, particularly as a result of the dynamics of material markets. Where a specific task cannot be accomplished due to a lack of market or funding, it will need to be replaced with a similar, but achievable effort, or delayed until adequate funding is available.

The SWMA has on staff a recycling coordinator, hired in early 1992. This person's duties will include continuing market analysis in order to determine what materials should be recovered and how best to process the material. In addition, this person will assist waste generators in identifying markets through distribution of flyers, waste audits and research on markets for selected materials. This person will be the focus for keeping the community up-to-date on market strategy by contact with exchanges, brokers and processors.

TABLE V-1  
BARTHOLOMEW COUNTY SOLID WASTE MANAGEMENT PLAN  
IMPLEMENTATION SCHEDULE

<u>FACILITY/ SERVICE</u>	<u>PLAN</u>	<u>SITE SELECTION</u>	<u>DESIGN AND PERMITTING</u>	<u>CONSTRUCT</u>	<u>IMPLEMENT OR BEGIN OPERATION</u>
Public Education	7/92-6/93	----	----	----	1/93
Recycling Center	Completed	Completed	Completed	1/92-7/92	7/92
City of Columbus Curbside Pickup	1/93-1/94	----	----	----	7/94
Open Access to <b>Recycling Center</b> Composting Site	7/92-12/92	----	----	----	1/93 or earlier
Composting/Brush Chipping at Landfill	7/92-5/93	----	----	6/93	7/93
Grass Pickup for Fee in City of Columbus	1/95-1/96	----	----	----	1/96
Ban on Land Disposal of Vegetative Matter	1/94-10/94	----	----	----	10/94
Additional Drop-off Boxes (3)	7/92-1/93	7/92-1/93	----	----	1/93 or earlier
Western Convenience Center	7/92-1/93	1/93-5/93	5/93-9/93	9/93-1/94	1/94
SR7 & US 31 Convenience Center	7/92-1/93	1/93-5/93	5/93-9/93	9/93-1/94	1/94
Institute User Fees & Recycling Boxes at Convenience Station	6/93-1/94	----	----	----	1/94
Institute User Fee for Small Loads at Landfill	6/93-1/94	----	----	----	1/94
Appliance <b>Ban or</b> Recovery at Landfill	7/92-1/93	----	----	----	1/93
Add Used Oil Drop- Off at Convenience Centers	7/93-12/93	----	----	12/93	1/94
Tire Recovery Task Force	8/92-12/92	8/92-12/92	----	----	1/93
Coordination with Goodwill and San Souci	8/92-12/92	----	----	----	----



TABLE V-1 (cont.)

BARTHOLOMEW COUNTY SOLID WASTE MANAGEMENT PLAN  
IMPLEMENTATION SCHEDULE

<u>FACILITY/ SERVICE</u>	<u>PLAN</u>	<u>SITE SELECTION</u>	<u>DESIGN AND PERMITTING</u>	<u>CONSTRUCT</u>	<u>IMPLEMENT OR BEGIN OPERATION</u>
Recycling Center Open for Paper & OCC	8/92-9/92	----	----	10/92	1/93
Commercial/ Industrial Pick-up Service for Paper	1/93-12/93	----	----	----	1/94
Skid/Pallet Exchange and Stockpiling	7/92-12/92	----	----	10/92	1/93
Trial Demolition Plans	1993	----	----	----	1993
Demolition Ordinance	7/93-12/93	----	----	----	1/94
Building Permit Ordinance	7/93-12/93	----	----	----	1/94
Mandatory Curbside Collection	1996-2000	----	----	----	2001 or earlier
Horizontal Expansion of Bartholomew County Landfill, and/or	1992	----	7/92-7/94	7/94-7/95	7/95
Vertical Expansion of Bartholomew Co. Landfill, and/or	1992	----	1/93-1/95	----	7/95
Locate New Landfill Site	By 7/93	By 7/93	7/93-7/95	7/95-7/96	7/96
Develop Additional Foundry Sand Capacity	By 7/93	By 1/94	1/94-1/96	1/96-1/97	7/97
Household Hazardous Waste	By 1/93	----	----	By 7/93	7/93
Leadership Bartholomew County- Institute for Local Self-Reliance Study	By 1/93	----	----	----	By 7/93
Misc. Ordinances and Resolutions	7/92-1/94	----	----	----	By 1/94

Program changes must consider at least the following two important strategies:

- Only recover materials for which there is an existing or foreseeable market or use. Citizen and business participation is critical to the entire effort. If collected materials are simply disposed of, the effort will be self-defeating, losing the support of the participants.
- Local bans should not be implemented until there is an alternate source or method of material recovery. While bans can be used as tools to force development or establishment of alternatives, the economic reality of the situation must be included in developing rules and regulations.

#### **B. ESTIMATED COSTS**

A listing of capital and operating costs for each of the facilities or services to be implemented is provided in Table V-2. Due to the dynamics of markets, potential revisions to the plan, changes in regulations and other unforeseen factors, cost projections are not carried forward past 1996. In the revision to this plan in 1996, new cost estimates will be developed.

1. Public Education

It is planned to budget \$10,000 in 1992 to employ professional services to develop a program specific to the needs of Bartholomew County. In 1993, a total expenditure of \$20,000 is to be used to implement the program, with \$10,000/year budgeted thereafter. Approximately \$5,000 is currently available from the SWMA for 1992.

2. Recycling Center

The new Columbus-Bartholomew Recycling Center is scheduled for completion in mid-1992. Equipping the Center with a horizontal baler and miscellaneous materials handling and storage equipment is anticipated to cost \$40,000 during 1992. A similar expense is anticipated in 1993 as increased programs are implemented.

Operation of the facility will require one full-time employee beginning in mid-1992 and up to 3 as newspaper, aluminum can, office paper, and corrugated efforts begin in 1993. Two of these staff could be contract employees from the local DSI facility. For 1992, the anticipated cost is approximately \$9,000, and for 1993 about \$40,000. Utility services and maintenance for both the SWMA offices and the Recycling Center are budgeted at \$10,000/year.

3. Curbside Pickup-City of Columbus

This City service would begin in 1994. Collected materials would be delivered to the Recycling Center. At 50% participation or 10 pounds/residence/month, one truck should suffice through 1996. Capital costs are estimated to be \$80,000 and operating costs \$50,000/year. Bins for 12,000 residential units would cost approximately \$48,000.

4. Open Access to Composting Site

An access route has already been constructed. No additional expenditures are deemed necessary.

5. Composting/Brush Chipping at Landfill

A designated area will be established for off-loading of leaves, grass trimmings, and brush. An allocation of \$10,000 will need to be made for site improvements (stone, turning area, fencing). The landfill contractor, who is paid by the ton, can manage the composting for the fee currently paid, since he will not have to landfill the material. The brush will be stockpiled for chipping.

The chipper purchased in 1991 by the SWMA is a relatively small unit that has to be hand fed. While it has been able to keep pace with the brush brought to the composting site by the City of Columbus, it will not be large enough to handle open access at the site and brush diversion at the landfill. Until

full evaluation of needs can be assessed in 1994-95, the SWMA will contract with a private service offering large capacity grinding to serve both the **Recycling Center** site and the landfill. The existing chipper can be used for light duty, special events, or for mobile service within the County to reduce brush hauling expense. After experience with the volume of brush needing handling, the SWMA can continue private contracting, purchase a larger chipper/grinder, or perhaps share a unit with other Districts. An allowance of \$40,000/year through 1996 is provided for contract services.

6. Grass Pickup for Fee in City of Columbus

Unlimited grass pickup is currently provided by the City the day after regular refuse collection. Approximately 2,500-3,000 of the 12,000 residences participated in 1991. Total grass collection was about 920 tons. The route requires a single packer truck, 3 days/week and 2 trucks 2 days/week during the months of May through mid-October. Annual cost is approximately \$36,000, exclusive of equipment depreciation.

The public education program will be oriented towards encouraging citizens to leave their grass trimmings on the lawn and home composting. If this is not successful in reducing usage of the free service, then a fee will be instituted in 1996. This will reward those who elect to manage the material at home and equitably charge those wishing

to have their grass picked up. The service can be provided by billing the resident, or by advance purchase of stickers for containers, or specially marked bags.

Private haulers in Bartholomew County already charge for excessive amounts of trash, grass or leaves. Therefore no special program is required. When the vegetative ban is effective in 1994, the haulers will have to provide separate pickup for leaves and grass, and the homeowner will automatically be encouraged to manage the material at home. Composting operations will be available at both the Columbus-Bartholomew Recycling Center and the Bartholomew County landfill to handle grass and leaves from haulers and citizens.

7. Ban on Land Disposal of Vegetative Matter

Open access to the Recycling Center and landfill for grass, leaves and brush should enable most all of the material that will be banned to be managed. Undoubtedly there will be citizen objections. To minimize this, a budget of \$2,000 for public education is provided in 1993 and \$5,000 for 1994.

8. Additional Drop-Off Boxes

The SWMA currently funds drop-off boxes for glass, beverage cans and #1 and #2 plastic at 5 locations. A sixth box is provided by the landfill contractor at no cost. These four boxes are serviced as needed for \$390/month. Adding 3 more

boxes is estimated to cost about \$250/month additional. The contractor keeps any income from recovered materials. Total cost will be about \$7700/year. If 250 tons of recyclables are collected each year, the cost is \$31/ton. Assuming a landfill credit of \$20/ton, the net cost is \$11, a relatively low expense for recycling.

9. Western Convenience Center

The SWMA currently sponsors Saturday pickup at four locations in the County. Trucks are leased from the City of Columbus and drivers are hired by the SWMA at City overtime rates. The cost during 1991 was approximately \$70,000. Total refuse collected was 1458 tons, for a cost of \$48/ton.

The Southwest Convenience Station also provides Saturday refuse drop-off service. During 1991 a total of 751 tons was collected. Operating expenses are in the \$25,000/year range, including utilities, equipment and site maintenance. The cost is approximately \$33/ton of refuse collected, or 30% less than the Saturday pickup with rented City packer trucks. It is planned to consolidate the Lowell Bridge and ABC School packer truck service into one convenience station served by stationary compactors and roll-off boxes in order to lower operating expenses. Until site selection is completed, a budget cannot be accurately established. Capital costs are estimated at \$100,000 and operating costs at \$25,000/year. In

addition to the lower operating costs, the convenience stations offer the flexibility of being open on days other than Saturdays and will allow better control in collecting user fees and diverting recyclable materials.

10. SR 7 and US 31 Convenience Center

It is planned to also replace the Saturday packer truck site at SR 7 and US 31 with a small convenience center. Estimated costs are \$75,000 for construction and \$18,000/year for operation and maintenance.

11. Institute User Fees and Recycling Boxes at Convenience Centers

A drop-box for recyclables is already located at the southwest station. Installing two more in 1994 at the 2 new proposed locations will cost \$150/month. Collection of fees at all 3 convenience centers will require 3 part-time employees. At \$8/hour, including FICA, Workmen's Compensation Insurance and Unemployment taxes, the cost for the three people will be \$10,000/year.

12. Institute User Fee for Small Loads at Landfill

The SWMA currently accepts loads of less than 500 pounds at no fee at the landfill. This policy was instituted in January 1991 to discourage roadside dumping. The SWMA pays the \$0.50/vehicle fee required by HB 1240 to the Department of Revenue. During 1991, over 1600 tons of material were



accepted at the landfill at no charge from small users. State fees paid out were \$793.00.

In order to prevent excessive use of free landfill services in 1994 when user fees are instituted at the convenience stations, it is planned to start charging all landfill users as of January 1, 1994. During the week, the SWMA employee managing the scales can handle the additional fee collection duties. On Saturdays, the heavy use by small users will require an additional employee to direct traffic, collect fees and inspect recyclable drop-offs. Total cost for the part-time employee is estimated to be \$3800/year.

13. Appliance Recovery or Ban at Landfill

This additional service will have to be negotiated with the operating contractor **if recovery is selected**. An allowance of \$75/month for box rental is budgeted.

14. Used Oil Drop-Off at Convenience Stations and the Landfill

This will be instituted at all 3 convenience centers and the landfill in 1994. Estimated capital cost is \$2000/site for a tank. No operating costs are assumed since at this time recycling companies are picking up bulk quantities at no charge.

15. Tire Recovery Task Force

No cost is assumed for coordination of tire diversion from the landfill.

16. Coordination with Goodwill Industries and Sans Souci

No additional cost is assumed for educational efforts directed towards increasing material recovery by these organizations.

17. Recycling Center Open for Paper and OCC

Additional costs are included under Item #2, Recycling Center.

18. Commercial/Industrial Pick-up Service for Paper

This program is planned for implementation in 1994. Several options exist, including contracting with private haulers, contracting with the City of Columbus, or purchase and operation of a vehicle by the SWMA. The selected method will be determined during the 1993 planning period. Separate bins for material storage will be provided by subscribers. A small user fee would help off-set some of the cost. Assuming weekly service at an average cost of \$15/month, and 100 participants in 1994, increasing by 100/year through 1996, operating costs would be \$18,000/year in 1994, \$36,000/year in 1995, and \$54,000/year in 1996.

19. Skid/Pallet Exchange and Stockpiling

This program would be handled by existing SWMA staff at no

additional cost. If shredding has to be utilized, this will be coordinated with brush management. User fees for skids and pallets will be used to defray additional operating expenses.

20. Demolition Plans, Ordinances

These programs would be overseen by the existing building inspection staff at no additional cost. All cost of separation and delivery to the Recycling Center would be the Contractor's responsibility.

21. Mandatory Curbside Collection

This program is planned for implementation by 2001. Accurate cost projections are not able to be provided at this time, but will be added to this plan when revised in 1996. This service can, if desired, be totally provided from user fees and sales of collected materials.

22. Horizontal or Vertical Expansion of Bartholomew County  
Landfill, or Establishing a New Landfill Site

Section IV of the plan describes three alternatives for continued disposal of residuals within Bartholomew County. A purchase option has been signed on a parcel adjoining the existing landfill and preliminary site investigations are currently underway. If this approach is not successful or is delayed, then zoning and IDEM approval for a vertical expansion on a portion of the existing landfill is planned.

This may also be done to provide more time for planning and preparing the expansion area. This modification would only allow continued operations at the site until about the year 2001. If neither of these efforts were successful, or if only five years of additional capacity were to be obtained, a new site search would have to be initiated.

Since no design has been completed, accurate estimates for the initial two options are not available and no forecast costs can even be made about selection of another site. Sufficient funds (\$478,000) are budgeted for 1992 for most of the purchase and design of the optioned property. If not used in 1992, these funds could be re-appropriated in the future. Construction costs for an expansion would involve about \$100,000/acre for synthetically lined cells, and potentially up to \$200,000 for access roads, monitoring wells, fencing and landscape screening. This would be spent in 1994 and 1995. Approximately 3 acres would have to be built initially, so total site improvements would be about \$500,000. For budgeting purposes, this has been split between 1994 and 1995. A vertical expansion would not involve any capital outlay, but operational expenses would increase due to the cost of soil borrow. The \$500,000 would be more than adequate for this additional expense.

23. Develop Additional Foundry Sand Capacity

The existing facility is estimated to have sufficient volume to last until 1997-98. Expenditures during the five year planning period covered herein would involve options analysis and design. A total of \$10,000 is allocated in 1993 for studies and \$30,000 during 1994 for design.

24. Household Hazardous Waste

Public education would begin in 1993, with construction of a facility and operations by mid-1993. A total of \$25,000 is allotted for storage space, and \$25,000/year for operations and disposal is budgeted for 1993-1996. Conditionally exempt hazardous waste is not included in this program.

25. Leadership Bartholomew County

The Local Government Project Committee of the 1992 Leadership Bartholomew County class has recommended that a study be performed of economic development opportunities associated with the local solid waste program. The Institute of Local Self-Reliance has offered to perform such a study for \$11,500. The focus of the work would be to develop local markets or industry that would use recycled materials. Their resolution and a description of the program is included in Appendix B. This study could be invaluable in the development of markets for such items as plastics, tires and lower grades of paper, where only limited marketing opportunities currently exist.

26. Miscellaneous

Administrative, seminars, and travel expenses for members of the District and the Advisory Board are budgeted at \$5,000/year beginning in 1993. This would enable members to attend educational programs or visit other facilities during the development of the program in Bartholomew County.

Many new programs will be underway during 1993 and 1994. It is envisioned that the existing 3 person staff of the SWMA will be insufficient by 1994. Therefore a fourth full-time position is budgeted at \$20,000/year beginning in 1994. This person would be expected to assist with all phases of the solid waste program, including filling in for scale personnel and Recycling Center operators.

A summary of program element budgets are included in Table V-2 and separated into administrative, recycling, and disposal categories in Table V-3. These are costs that are in addition to the existing budget of the SWMA, which for 1990 totaled \$1,829,157, for 1991 \$1,624,418, and for 1992 \$2,042,265. The proposed 1993 budget is included in Appendix C. The 1991 and 1992 budgets were partly off-set by approximately \$500,000 in gate fees collected at the landfill. All other expenses were supported by taxes.

TABLE V-2  
BARTHOLOMEW COUNTY SOLID WASTE MANAGEMENT PLAN  
COST SCHEDULE

Facility/ Service	Capital Cost (Year)	Operating and Maintenance Cost				
		1992	1993	1994	1995	1996
Public Education	-	\$ 5,000	\$ 20,000	\$ 10,000	\$ 10,000	\$ 10,000
Recycling Center	\$ 80,000 (1992-93)	\$ 54,000	\$ 90,000	\$ 52,500	\$ 55,000	\$ 57,250
Voluntary Curbside Collection	\$128,000 (1994)	-	-	\$153,000	\$ 50,000	\$ 50,000
Composting/Brush Chipping at Landfill	\$ 10,000 (1993)	-	\$ 50,000	\$ 40,000	\$ 40,000	\$ 40,000
Ban on Land Disposal of Vegetative Matter	-	-	\$ 2,000	\$ 5,000	-	-
Additional Drop-Off Boxes	-	\$ 4,700	\$ 7,700	\$ 7,700	\$ 7,700	\$ 7,700
Western Convenience Center	\$100,000 (1993)	-	\$100,000	\$ 25,000	\$ 25,000	\$ 25,000
SR 7 and US 31 Convenience Center	\$ 75,000 (1993)	-	\$ 75,000	\$ 18,000	\$ 18,000	\$ 18,000
Institute User Fees and Recycling Boxes at Convenience Stations	-	-	-	\$ 12,400	\$ 12,400	\$ 12,400
Institute User Fee for Small Loads at Landfill	-	-	-	\$ 3,800	\$ 3,800	\$ 3,800
Appliance Recovery at Landfill	-	\$ 450	\$ 900	\$ 900	\$ 900	\$ 900
Used Oil Recovery at Convenience Centers and Landfill	\$ 8,000	-	-	\$ 8,000	-	-
Commercial/Industrial Pickup Service for Paper	-	-	-	\$ 18,000	\$ 36,000	\$ 54,000
Horizontal or Vertical Expansion of Landfill	\$500,000 (1994-95)	-	-	\$250,000	\$250,000	-

TABLE V-2 (cont.)

BARTHOLOMEW COUNTY SOLID WASTE MANAGEMENT PLAN  
COST SCHEDULE

<u>Facility/ Service</u>	<u>Capital Cost (Year)</u>	<u>Operating and Maintenance Cost</u>				
		<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>
Additional Foundry Sand Capacity	-	-	\$ 10,000	\$ 30,000	-	-
Household Hazardous Waste	\$ 25,000 (1993)	-	\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,000
Leadership Bartholomew County	-	-	\$ 11,500	-	-	-
Miscellaneous	-	-	\$ 5,000	\$ 25,000	\$ 25,000	\$ 25,000
Totals	\$926,000	\$ 64,150	\$422,100	\$684,300	\$558,800	\$329,050

Note: These costs are in addition to, or alternative costs to current expenditures.

Capital costs are distributed into operating costs during the year of expenditure.



TABLE V-3

BARTHOLOMEW COUNTY SOLID WASTE MANAGEMENT PLAN  
COST DISTRIBUTION

<u>SERVICE</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>
Administrative	0	0	\$ 20,000	\$ 20,000	\$ 20,000
Recycling, Reuse, Source Reduction, Diversion	\$64,150	\$232,100	\$300,100	\$209,600	\$224,850
Collection	0	\$175,000	\$ 55,400	\$ 55,400	\$ 55,400
Disposal	0	\$ 10,000	\$283,800	\$253,800	\$ 3,800
Miscellaneous	<u>0</u>	<u>\$ 5,000</u>	<u>\$ 25,000</u>	<u>\$ 25,000</u>	<u>\$ 25,000</u>
Totals	\$64,150	\$422,100	\$684,300	\$558,800	\$329,050

### C. FINANCING

None of the additional program expenses summarized in Tables V-2 and V-3 are large enough to require issuance of bonds. Sources of income for financing these expenses include:

- Tax revenue from the City of Columbus, towns, Bartholomew County, and the District
- District disposal fees
- Increased or new user fees
- More efficient services
- Grants or gifts
- Recycled material sales

To promote equity, it is planned to derive as much income from users of a service as possible. For example, operation of the landfill and foundry sand disposal facility after 1995 should be totally supported by user fees based on the amount of waste. The exception to this is no fees should be charged for drop-off of recycled materials. Where collection is involved, a small fee should be charged but not large enough to discourage users.

By categories listed in Table V-3, the following sources of income are planned:

#### 1. Administrative

Since no user fees can be assessed, the \$20,000/year

additional expense would be supported by taxes, derived 50% from the County tax base, and 50% from the City tax base, which derives income in proportion to the amount of waste being generated. This formula was developed in 1969, rechecked in 1978 and is currently the major source of funds for the SWMA. An alternative funding source is District taxes since the employee will be involved in those programs.

2. Recycling, Reuse, Source Reduction and Diversion

Direct income sources include material sales, user fees, and grants or gifts. Between 1992 and 1996, total recycled materials which are likely to be sold from the Recycling Center are estimated to total about 8,500 tons. At a net income of \$20/ton after transportation, total income will be \$170,000. Grants from the IDEM Household Hazardous Waste Reduction Grant Program and the Recycling Grant Program are assumed to provide \$2500/year and \$15,000/year respectively for 4 years and \$48,000 for collection bins. The Institute for Self-Reliance Study (\$11,500) will be supported by gifts from local foundations solicited by Leadership Bartholomew County and the Chamber of Commerce. The minor fees (\$2±/visit) that are planned to be established for household hazardous waste will not significantly cover the cost of that program due to the anticipated number of users (less than 1,000). From the business route collection fees, a total income of \$10/month/participant is anticipated. During the

1994-1996 period, this will amount to \$72,000. These income sources total \$377,500 as opposed to expenses of \$1,030,800. Credits for reduction in landfill fees at \$20/ton for the 8,500± tons diverted reduce the net expense to users to \$483,300.

### 3. Collection

Revisions to the Saturday pickup service are projected to bring operating costs down from about \$48/ton to \$33/ton. While no recent studies have been made of the number of users at the existing sites, historical data would indicate about 1,000 visits each Saturday. At an average gate fee of \$2/user, total income over the 3-year period this program would be in place would generate \$312,000.

Total cost for the operation and construction of the new stations would be \$341,000. Including the existing southwest station at \$25,000/yr brings 3 year costs to \$416,000. Less user fees, the net cost over the 3-year period will be \$104,000. Currently this service is costing about \$90,000/yr for City truck rental, employees and the Southwest Station. Therefore over the 3-year period from 1994-1996, there will be a net decrease in expense from \$270,000 to \$104,000, or a savings of \$166,000. This savings can be increased by adjusting the user fee after experience is gained.

#### 4. Disposal

During 1992 the total direct landfill budget, exclusive of new site purchase and design, and post-closure funding was approximately \$1,000,000. Gate fees were \$19.50/ton, plus \$0.50 State fee. For 1992, anticipated tonnage to be handled is estimated at 60,000. Total income would be \$1,170,000, but small users (2700 tons), governmental agencies, and their projects are exempt from gate fees since their primary income source is taxes. This reduces gate fee income to approximately \$500,000, with the balance of the support derived equally from City of Columbus and Bartholomew County tax revenue.

In 1994 and 1995, an additional \$500,000 will be needed for site construction and cell preparation if the expansion is approved. These figures are in keeping with \$290,000 budgeted in 1992 for cell construction. Therefore, unless unforeseen regulatory changes take effect, the current gate fee should be adequate through 1993, unless non-tax support of District/SWMA programs is required.

The current system does not charge each user for the amount of waste disposed of. Therefore two changes are planned to encourage recycling and other reduction efforts. In 1994, all governmental users will pay the gate fee. The only exemption would be from the convenience stations or Saturday pickup

routes where user fees are prepaid at those sites. This charge does not necessarily reduce taxes, but it does make each user realize there is a gate fee and a credit to be realized for diverting waste. The second change would be instituting gate fees for the small user. In 1991, this amounted to over 2700 tons. A minimum charge of \$1.00 will be imposed in 1994, up to a maximum of \$5.00 for the previously exempt 500 lb. load. This will generate approximately \$50,000/year in increased income to off-set direct operational costs (contractor and cell construction). This will also encourage usage of the recycling container (no charge) and separation for composting of lawn maintenance wastes (no charge). Monitoring the program is estimated to require a Saturday supervisor at a cost of \$3,800/year. Total increased income would therefore be approximately \$46,000/year.

Additional foundry sand capacity studies and design are planned for 1993 and 1994. The \$40,000 expenditure is considered part of normal engineering work for which the SWMA budgets each year. After 1995, all costs of site development, operations, closure and post-closure care will be provided by the generators.

During 1991 and 1992, the SWMA has employed a private contractor to operate the City Garage foundry sand disposal site. The current cost is \$10,000/month. The Contractor also

runs the brush chipper and turns and forms compost-windrows. Estimates for this work if performed with SWMA equipment and employees indicate a cost of less than \$80,000/year. Not only would this be a substantial savings, but the employee would also be assignable to other tasks associated with the Recycling Center. It is therefore planned to lease or purchase equipment and begin operating the site by 1993.

5. Miscellaneous

Funding for District education and travel expenses is only a minor portion of the overall budget and can be funded from tax revenues. If greater expenditures are necessary, the District can levy a \$0.50 or larger user fee at the landfill.

Of the **\$2.058 million** of additional expenditures from 1992-1996, the following sources of income will be used:

Taxes	=	<b>\$722,500</b>
Material Sales	=	\$170,000
Grants	=	\$129,500
Landfill Diversion Credits	=	\$170,000
User Fees	=	\$540,000
Increased Efficiency	=	\$326,000

Over 5 years, the **\$722,500** only represents about an **8%** increase in SWMA spending. If levy limits prevent either the

City or the County from raising this money, then the District taxation option could be used. The \$772,500 could also be raised through a District fee of between \$2.00 and \$2.50/ton at the landfill gate.



## BARTHOLOMEW COUNTY DISTRICT PLAN

### SECTION VI

### PUBLIC INFORMATION AND INVOLVEMENT

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Public involvement and information during preparation of the plan has included:

- Regularly scheduled monthly public District Board meetings. Initially meetings were held in the mornings but were revised to evening meetings (second Wednesday @ 7:00 p.m.) in order to accommodate a citizen's group. All meetings were announced in the weekly published schedule in the local newspaper.
- Regularly scheduled monthly public Advisory Board meetings held the 4th Thursday of each month, also announced in the local newspaper. In addition, a widely announced (newspaper, radio) meeting was held on March 19, 1992 to receive comments on planning concepts.
- Distribution of monthly drafts of the portions of the plan completed to date to members of the District, the Advisory Board and SWMA. Copies of the plan were also continuously made available for review at the offices of the SWMA. The **April, May and December 1992** drafts were also made available for review at the Bartholomew County Library.
- Distribution of draft plans to parties requesting copies, including copies sent to IDEM for preliminary review in April and May 1992.
- An invitation to business and industry included in the survey form to attend the Advisory Board meetings, as well as notices in the Chamber of Commerce newsletter on the survey and availability of the draft plan.
- Newspaper and television coverage of important meetings and objections to expansion of the landfill.
- Announcement of the availability of the draft plan on May 11 in the legal notice section of the local newspaper which was more than 30 days prior to the June 18 public hearing.
- Legal advertisement in 2 local newspapers on June 4 of the hearing held on June 18.

- Hearing on the revised version of the Plan on January 27, 1993.

Comments were received and incorporated into the **meeting minutes and/or** the Plan throughout the five month preparation period. Public comments were received throughout the period, particularly at the Citizen's Advisory Board hearing and the June 18, 1992 District hearing. Issues raised and comments received included:

- The Advisory Board needs a budget for public meetings and membership attendance at seminars.
- Do not use the Plan as a tool for approval of the site proposed for landfill expansion.
- Set an aggressive schedule with goals of 50% in 1996 and 75% in 2001. Make Bartholomew County a model.
- Collection services should be on a per bag fee system with drop-off system available for those not using bags. Revenue from bags should be used to pay for recycling.
- Users should pay true cost of disposal and be made aware of the cost of recycling.
- Give real awards to business and industry.
- Remove solid waste from general tax budget.
- Hold regular TOX-Away-Days.
- Provide education on alternative methods.
- Institute a bottle bill in the County.
- Gradually phase out disposal of recyclable materials.
- Promote regional businesses that use recycled materials.
- Recycling should be mandatory. Newspapers should be exchanged.
- Shred tires at the landfill and charge for it.

- Create the opportunity for recycling for the downtown businesses.
- The plan must include free curbside recycling in Columbus on a mandatory basis.
- Maximize curbside, source-separated recycling and reduction programs, county-wide.
- Insist on making all solid waste decisions, and postpone any landfill siting decisions until a thorough siting study is complete.
- Speed up the deadlines for implementing recycling and composting programs.
- Encourage and follow a strong, aggressive market development program within Bartholomew County for our recyclables.
- Please consider not including the optioned property (landfill expansion) as part of the 20-Year Plan. This will do nothing more than discourage other options.
- Strict enforcement of open dumping is required.
- Local government procurement should have recycled content goals.
- Recycled materials should be used in public construction.
- A local electronic bulletin board should be established for waste exchange.
- New business startups in the community should be advised of our solid waste management strategy.
- The landfill siting process should be open to the public.
- Procedures for updating the plan should be included in the plan.
- Place a drop-off bin in the north and west sides of Columbus.
- Industry needs assistance with skid and pallet management, such as chipping for mulch.
- Medical waste should be considered in the Plan.
- Implementation of the Plan must be carried out with a great deal of citizen participation.
- The District is urged to make site selection an open process.

- Costs should be included for out-of-County shipping, future landfill siting, liability within 600' of a residential neighborhood, and long term care. A time table needs to be included for siting a new landfill.
- Discontinue appliance disposal at the landfill immediately.
- The District, together with the Chamber of Commerce, should publically commend practices such as the Pizza Hut offer of \$1 towards a pizza for returning the box.
- The ban on disposal of lead acid batteries should be an immediate goal.
- The first two options on foundry sand disposal should not be described as attractive.
- The industrial survey should be completed again.
- More letters to the Editor should be addressed to recycling efforts.
- The newspaper should publish directions and illustrations on how to make a compost pile.
- Include in the Plan a local government procurement standard for recycled goods and a local ordinance with strict penalties for open dumping.
- "Big Business" represents a large percentage of our total waste stream and should not be misled into thinking they are doing enough.
- As long as there is a market for newspaper to be recycled, we should do so to close the loop. If markets are soft or news has reached its potential due to repetitive recycling, the options of packaging, animal bedding, or composting could be used as a last resort.
- A better drop-off point for contractor's reusable items would be the landfill.
- Instituting a user fee on small loads will create problems.
- Site selection criteria or guidelines should be put in plan and the process should be open for public input and comment.
- Curbside collection should begin now instead of 1996. Volume based user fees is the fairest approach.
- **The final version of the Plan should be updated, particularly the section on appliances.**

During preparation of the plan, the Hoosier Environmental Council presented a 3403 signature petition to the Advisory Board at its April meeting urging County officials to "redirect my tax dollars away from landfilling or incineration of garbage and toward programs that teach source reduction, develop recycling markets and jobs, and emphasize curbside recycling and composting". In addition, the HEC distributed a flyer urging contact with public officials during the planning process. A copy of this information, the petition heading, and other letters are included in Appendix B. A second petition with 1293 signatures was presented at the June 18 hearing.

The local Government Committee of the 1992 class of Leadership Bartholomew County requested that the plan include statements in support of their proposal to "work jointly to seek available expertise to assist in developing and recruiting appropriate commercial enterprises" to help reduce solid waste. The proposal from the class and the Institute for Local Self-Reliance are included in Appendix B.

The public comments are on file at the SWMA offices at the Columbus-Bartholomew Recycling Center. **Appropriate meeting and hearing minutes, notices, written comments and other public information are included in Appendix D. Examples of advertisements and selected newspaper articles are included in Appendix E.**



## **BARTHOLOMEW COUNTY DISTRICT PLAN**

### **SECTION VII**

### **SURVEILLANCE AND ENFORCEMENT PROCEDURES**

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Currently open dumping enforcement is managed by the Bartholomew County Health Department, the Indiana Department of Environmental Management and the Building and Zoning Administration (junkyards, zoning codes). A stricter penalty is deemed necessary to prevent open dumping, mini-landfills and open dumps. This will require amendment of the Bartholomew County Garbage and Rubbish Ordinance. This will be revised **during** 1993.

While the 1991 legislature did strengthen the "leaky load" ordinance (SEA 56, IC 9-21-8-48), the problems of littering and minor roadside dumping persist and may become more of a problem when user fees for small loads are implemented. This will require amendment of Section 601 of Bartholomew County Garbage and Rubbish Ordinance No. 1970-1. At the time of amendment, other sections of this ordinance will be updated.

As additional drop-off sites and curbside pickup are implemented, theft of the more valuable portions of materials destined for recycling could potentially become a problem.

Therefore ordinance 1970-1 will also be amended to include an anti-scavenging ordinance as will the City of Columbus and any other municipal ordinances.

In the form of resolutions or ordinances, the City and County will develop policies for procurement, giving preference to recycled materials for supplies and building materials.

Mandatory commercial and residential recycling are not planned for implementation during the next five years (1992-1996). When the plan is revised in 1996 (or earlier), mandatory program ordinances will be addressed as needed to assure an effective recycling program. These ordinances will have to be enacted at the municipal and County level due to the possible limited authority of the District. The membership of the District will assure coordination.

In preparation of the plan, a great deal of effort was expended on gathering information from industrial and commercial generators. Almost half of the establishments sent a survey form did not respond. Fortunately overall quantities were obtainable from brokers and weight records of the SWMA. If effective surveillance of program progress is to be performed, mandatory responses will be required. Since survey responses contain confidential business information, this will be taken into account. As an alternative, performance could be measured by tonnages being collected and disposed and surveys of market sales. The latter technique would



be much less expensive and may be just as accurate judging from the response to the initial survey. The Solid Waste Management Authority will be in charge of data compilation for surveillance, including tracking the success of the residential programs.

Enforcement of bans such as for used oil, appliances, vegetation and batteries and of ordinance revision will include a number of local departments and agencies. Each ordinance will have to address enforcement responsibilities. Collection services, public and private, will be a major part of the enforcement effort, particularly with assuring that banned materials are not collected or placed in collection containers. The landfill staff will also control the delivery of unacceptable materials.



## **BARTHOLOMEW COUNTY DISTRICT PLAN**

### **SECTION VIII**

### **CURRENT AND FUTURE PROBLEMS**

Problems that were experienced prior to and during preparation of the plan and that are envisioned in the future include:

- Requiring a District to be formed in Bartholomew County, which has had a cooperative agreement between the City of Columbus and the County for almost 25 years. The District simply adds another layer of government and another meeting for overburdened elected officials.
- The difficulty of measuring success. The focus of future planning should be on the effort put forth and the opportunities created, rather than the measurement and estimation of quantities.
- The inability of the IDEM to issue permits within a reasonable time frame. The new City Garage foundry sand site, which was urgently needed to extend the life of the local landfill, took almost 3 years to permit.
- Balance in distribution of funds under the recycling grant

program. Bartholomew County has only received \$10,000 from the program, yet deposited more than \$50,000 in 1991.

- Locating and local approvals for disposal facilities.
- Lack of stable markets (or any market) for recovered materials, making it difficult to invest user income or tax money in high risk ventures.
- The need for State assistance with problem wastes, particularly tires, household hazardous waste, CFC's and capacitors from appliances.
- The uniform tax levy in HB1240 makes it difficult to form multi-county districts.
- Financing effective household hazardous waste disposal programs.
- The potential for artificial barriers to out-of-District waste disposal should Bartholomew County be unsuccessful in providing new disposal capacity.
- The lack of a statewide container law exacerbates the waste generation problems throughout the State. The passage of such a law would be a major source reduction step.

City of Columbus — Bartholomew County  
**Solid Waste Management Authority**

440 Third Street  
Columbus, Indiana 47201  
(812) 379-1757

TO: BARTHOLOMEW COUNTY BUSINESS AND INDUSTRY:

House Bill 1240, passed by the Indiana General Assembly in 1990, requires that all counties develop plans for the management and disposal of solid waste for the next 20 years. The plan must demonstrate how 35% of all solid waste will be diverted from our landfill by 1996, and 50% by the year 2001, using source reduction, re-use, recycling, or other means.

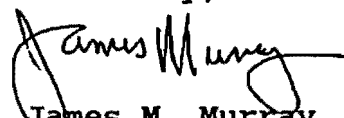
In accordance with this law, the Bartholomew County Solid Waste Management District and Advisory Board have been formed to develop and implement the plan. To gather the background information needed for the plan, we are required to make a survey of industry within Bartholomew County.

Much of the work in the United States indicates that 25% of the residential waste fraction can be diverted through management of yard waste and recycling. However, in Bartholomew County, as much as 65% of the solid waste collected and disposed of in this county comes from commercial and industrial sources. Thus, to achieve the overall goal of 35% reduction by 1996, business and industry will also be required to make a major contribution towards this effort.

It is our belief that many businesses within Bartholomew County already have active waste reduction and recycling programs underway. In order to take existing efforts into account and to develop a meaningful program for the future, we need your assistance in completing the enclosed survey form. Please answer all questions, or indicate if a question is not applicable. If you have any questions, please call Dick Wigh at 372-9511, or Jim Murray at 379-1757. The forms need to be returned by February 7, 1992.

Thank you for your assistance with the planning effort.

Sincerely,

  
James M. Murray  
Administrator



Printed on recycled paper.

**BARTHOLOMEW COUNTY SOLID WASTE MANAGEMENT DISTRICT\_\_**  
**INDUSTRIAL/COMMERCIAL SURVEY FORM**

1. FIRM NAME \_\_\_\_\_ # OF EMPLOYEES \_\_\_\_\_
2. NAME OF FACILITIES (PLANTS) COVERED IN THIS SURVEY \_\_\_\_\_  
\_\_\_\_\_
3. MAILING ADDRESS \_\_\_\_\_
4. CONTACT PERSON \_\_\_\_\_ TITLE \_\_\_\_\_  
TELEPHONE \_\_\_\_\_
5. PRIMARY BUSINESS \_\_\_\_\_  
\_\_\_\_\_ SIC CODE \_\_\_\_\_
6. WHO CURRENTLY HAULS YOUR SOLID WASTE?  
SELF \_\_\_\_\_ RUMPKE \_\_\_\_\_ WASTE MANAGEMENT \_\_\_\_\_ CITY OF COLUMBUS \_\_\_\_\_  
OTHER (name) \_\_\_\_\_  
COMMENTS: \_\_\_\_\_  
\_\_\_\_\_
7. WHERE IS YOUR SOLID WASTE CURRENTLY DISPOSED OF?  
BARTHOLOMEW COUNTY LANDFILL \_\_\_\_\_ ON-SITE \_\_\_\_\_ UNKNOWN \_\_\_\_\_  
OTHER (site) \_\_\_\_\_
8. HOW MANY TONS OF SOLID WASTE DO YOU ESTIMATE YOU HAD REMOVED FOR DISPOSAL  
IN 1991? \_\_\_\_\_ TONS. IF TONNAGE RECORDS ARE NOT AVAILABLE, PROVIDE  
YARDAGE AND FREQUENCY OF REMOVAL (e.g. One 3 yard container, 2 times/week)  
COMMENTS: \_\_\_\_\_  
\_\_\_\_\_
9. DO YOU EXPECT YOUR SOLID WASTE GOING TO DISPOSAL TO INCREASE OR DECREASE  
DURING THE NEXT 5 YEARS? INCREASE \_\_\_\_% DECREASE \_\_\_\_% UNKNOWN \_\_\_\_  
COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

10. PLEASE ESTIMATE THE COMPOSITION OF YOUR WASTE STREAM AND THE AMOUNT BY WHICH YOU REDUCED, RE-USED, OR RECYCLED DURING 1991: \_\_\_\_\_

(CIRCLE ONE)	POUNDS		TONS	YARDS	
	<u>GENERATED</u>	<u>RE-USED</u>	<u>REDUCED</u>	<u>RECYCLED</u>	<u>DISPOSED</u>
<u>METALS</u>					
A. ALUMINUM	_____	_____	_____	_____	_____
B. FERROUS	_____	_____	_____	_____	_____
C. OTHER NON-FERROUS					
<u>WOOD</u>					
A. SKIDS, PALLETS	_____	_____	_____	_____	_____
B. OTHER	_____	_____	_____	_____	_____
<u>PAPER</u>					
A. COMPUTER	_____	_____	_____	_____	_____
B. BOND	_____	_____	_____	_____	_____
C. LEDGER	_____	_____	_____	_____	_____
D. MIXED PAPER	_____	_____	_____	_____	_____
E. NEWSPAPER	_____	_____	_____	_____	_____
F. CORRUGATED	_____	_____	_____	_____	_____
<u>GLASS</u>	_____	_____	_____	_____	_____
<u>POLYMERS/PLASTICS</u>	_____	_____	_____	_____	_____
<u>FOOD WASTES</u>	_____	_____	_____	_____	_____
<u>MIXED TRASH</u>	_____	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	_____
<u>OTHER</u>					
A. _____	_____	_____	_____	_____	_____
B. _____	_____	_____	_____	_____	_____
COMMENTS: _____					

IF DETAILED RECORDS ARE NOT AVAILABLE, PLEASE PROVIDE AN ESTIMATE IN % OF WHAT YOUR WASTE CONSISTS OF AND HOW MUCH MATERIAL YOU RECYCLED DURING 1991.

11. WOULD YOU IDENTIFY ANY BUYERS OR RECYCLING CENTERS THAT YOU CURRENTLY USE? (OPTIONAL)

METALS \_\_\_\_\_  
WOOD \_\_\_\_\_  
PAPER \_\_\_\_\_  
GLASS \_\_\_\_\_  
PLASTICS \_\_\_\_\_  
FOOD \_\_\_\_\_  
OTHER \_\_\_\_\_

12. DO YOU PURCHASE OR USE RECYCLED MATERIALS IN YOUR MANUFACTURING, SHIPPING OR OTHER DEPARTMENTS THAT COULD BE PROVIDED FROM LOCAL RECYCLING EFFORTS? YES \_\_\_\_ NO \_\_\_\_ IF YES, PLEASE PROVIDE TYPE AND AMOUNTS:

\_\_\_\_\_

13. DO YOU OPERATE A BOILER, INCINERATOR, OR OTHER UNIT WHICH WOULD BE CAPABLE OF USING SELECTED SOLID WASTE AS A SOURCE OF FUEL? YES \_\_\_\_ NO \_\_\_\_  
IF YES, PLEASE EXPLAIN: \_\_\_\_\_

14. WOULD A LOCAL PICKUP SERVICE FOR SUCH ITEMS AS CORRUGATED, OFFICE PAPERS AND OTHER MATERIALS ASSIST YOU IN YOUR WASTE REDUCTION EFFORTS?  
YES \_\_\_\_ NO \_\_\_\_

15. HOW MUCH MATERIAL DO YOU ESTIMATE WOULD BE NEEDED TO BE PICKED UP? \_\_\_\_\_ TONS/YEAR OR YARDS/YEAR (circle one)

16. WOULD YOU BE WILLING TO PAY FOR SUCH A PICKUP SERVICE? YES \_\_\_\_ NO \_\_\_\_

17. IF YOU HAVE NOT ALREADY STARTED A WASTE REDUCTION PROGRAM, DO YOU ANTICIPATE DOING SO IN 1992? YES \_\_\_\_ NO \_\_\_\_ ALREADY STARTED \_\_\_\_

SOLID WASTE DISTRICT ADVISORY BOARD MEETINGS ARE HELD THE FOURTH THURSDAY OF EVERY MONTH. YOUR PARTICIPATION IN THE PLANNING PROCESS WOULD BE WELCOME. THANKS FOR YOUR ASSISTANCE. PLEASE RETURN THE COMPLETED FORM BY 2-7-92 TO:

MR. JAMES M. MURRAY, ADMINISTRATOR  
CITY OF COLUMBUS, BARTHOLOMEW COUNTY, INDIANA  
SOLID WASTE MANAGEMENT DISTRICT  
440 THIRD STREET  
COLUMBUS IN 47201

IF YOU WISH THIS INFORMATION TO BE KEPT CONFIDENTIAL,  
PLEASE CHECK HERE. YES \_\_\_\_ NO \_\_\_\_



BARTHOLOMEW COUNTY DISTRICT PLAN  
SURVEY MAILING LIST

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SOURCES: The Green Pages, A Guide to Recycling in  
Bartholomew County

The 1991-92 Columbus Area Chamber of Commerce  
Membership Directory

Commercial

- 1) Bartholomew County Beverage, Attn: Edna Howe
- 2) Bartholomew County REMC, Attn: Dan Arnholt
- 3) Behler Pontiac, Attn: William Behler
- 4) Behrman's Moving
- 5) Benzol National Dust Control, Attn: Al Perrine
- 6) Brands, Inc., Attn: John Brand
- 7) Coca-Cola, Attn: Hutch Schumaker
- 8) Columbus Auto Supply, Attn: William Bell
- 9) Columbus Office Supply, Attn: Jo Lucas
- 10) Columbia Press, Attn: Gene Mobley
- 11) Electronic Data Systems, Attn: Stephan Salo
- 12) Fair Oaks Mall, Attn: Glenn Miller
- 13) Fashion Shop, Attn: Bruce Benjamin
- 14) Foods Plus, Attn: Larry Snyder
- 15) Holiday Inn, Attn: Mike Stevens
- 16) Indiana Bell, Attn: Mike Heyman
- 17) Indiana Gas Co., Attn: Reita Voss
- 18) Jay C Foods (State Street), Attn: Mark Fish
- 19) Jay C Foods (West Hill), Attn: Lonnie Pinaier
- 20) Kiel Brothers Oil, Attn: Carl Kiel
- 21) Kirby Risk Supply, Attn: James Stark
- 22) Kroger Co.
- 23) McGuire International, Attn: Hank McGuire
- 24) Marsh Supermarkets (25th Street), Attn: Lloyd Pratt
- 25) Marsh Supermarkets (State Street)
- 26) Marvin Johnson & Associates, Attn: Steve Johnson
- 27) Nunn, Larry & Associates, Attn: Larry Nunn
- 28) Osco Drugs (Commons), Attn: Tim Spillman
- 29) Osco Drugs (25th Street), Attn: Lyle Leitholt
- 30) PSI Energy, Attn: Harold Isaacs
- 31) Penney, J. C., Attn: Robet Fisher
- 32) Quality Mill Supply, Attn: Plant Manager
- 33) Ramada Inn, Attn: Charlene Dalmbert
- 34) Renner Motors, Attn: Keith Renner
- 35) Wal-Mart, Attn: Rick Purcell
- 36) Sears, Attn: Harry Denicola
- 37) South Central, Attn: Joel Sasse
- 38) Sweany Olds/Cadillac, Attn: John Sweany
- 39) Target Stores
- 40) Wickes Lumber

### Industrial

- 1) Advanced Metal Working, Attn: Ted Marston
- 2) Alan Industries, Attn: William Kennedy
- 3) Applied Laboratories
- 4) Arvin Industries, Attn: Doug Logan
- 5) Boyer Machine & Tool, Attn: William Boyer
- 6) Caltherm Corp., Attn: Bob Pflum
- 7) Claas of America, Attn: Frank Reindl
- 8) Columbus Container, Attn: Robert Haddad
- 9) Columbus Enterprise Development Corp., Attn: Michael Gill
- 10) Como Plastics, Attn: Plant Manager
- 11) Cosco, Inc., Attn: Terry Emerson
- 12) Cummins Engine Co., Attn: Mark Slayton
- 13) Diamet Corp., Attn: Gib Gant
- 14) Engleking Patterns, Attn: Plant Manager
- 15) Enkei America, Attn: Ron Thompson
- 16) Essex Castings, Attn: Lewis Essex
- 17) Golden Operations, Attn: Dick Amadon
- 18) Hardigg Industries, Attn: Doug Otto
- 19) Hartup Tool, Attn: Gary Gembala
- 20) Heekin Can, Attn: Curtis Hunt
- 21) Impact Forge, Attn: Robert Stevens
- 22) Interstate Brands, Attn: Les Ames
- 23) Kaltenbach, Inc., Attn: Charles Larson
- 24) LNP Engineering Plastics, Attn: Joe Kresovsky
- 25) Mariah Packing, Attn: John Stadler
- 26) NTN Driveshaft, Attn: Phillip Weick
- 27) Newsom Industries, Attn: Jerry Newsom
- 28) Onkyo Manufacturing, Attn: Plant Manager
- 29) PCL Packaging, Attn: Plant Manager
- 30) Precise Mold, Attn: Ernie Dettmer
- 31) Product Engineering, Attn: Jim Eversole
- 32) Pyramid Paper Products
- 33) Quality Machine & Tool Works, Attn: Dave Barley
- 34) Reliance Electric (7th Street), Attn: Plant Manager
- 35) Reliance Electric (10th Street), Attn: Jack Gilmer
- 36) Republic, Attn: Ned Bradley
- 37) Rock-Tenn Co, Attn: Roy Young
- 38) Southern Indiana Millwork, Attn: Jerry Lowman
- 39) Toyota Industrial Equipment Manufacturing, Attn: Jim Reff
- 40) Turbine Engine Support, Attn: Greg Newhart
- 41) UPS, Attn: Richard Puckett
- 42) USBPI, Attn: Al Marino
- 43) Ventra Corp.
- 44) Vogel Bros. Corp., Attn: Kurt Vogel

### Institutional

- 1) Bartholomew County Hospital, Attn: Marsha Wolfe
- 2) BCSC, Attn: Dick Bozell
- 3) Columbus Bank, Attn: William Salin
- 4) Columbus Convalescent Center, Attn: Violet Sylvia
- 5) DSI, Attn: Kinsley Renshaw
- 6) First of America, Attn: James Rose
- 7) Home Federal, Attn: John Keach
- 8) IUPUI, Attn: Dr. Paul Bippen
- 9) Irwin Union Bank, Attn: Lester Perkins
- 10) Ivy Tech, Attn: Homer Smith
- 11) Miller's Merry Manor, Attn: Mary Allain
- 12) Quinco, Attn: Jim Mahoney

### Restaurant

- 1) Burger King, Attn: Terry Piotrowski
- 2) Dairy Queen Brazier, Attn: Leonard Sachleben
- 3) McDonald's, Attn: Dick McGee
- 4) Noble Roman's Pizza, Attn: John Lemley/Jeff Pace

**BARTHOLOMEW COUNTY DISTRICT PLAN  
SURVEY SUMMARY**

<u>NUMBER</u>	<u>METALS</u>	<u>WOOD</u>	<u>PAPER</u>	<u>GLASS</u>	<u>PLASTIC</u>	<u>SPECIAL</u>
1	7200.5					
2	9.2		1.0			
3		250				
4	4589.0	327	809.0		12.0	
5						1500.0
6		7	15.0		15.0	
7						12524.0
8	32.1	4				
9			135.0		3.0	
10	0.2	156				
11		5				
12		1	140.0			
13			65.0			
14	2150.0	10	177.0			
15	340.0		24.0			
16	0.1		1.5			
17						5100.0
18	8.0		1.0			
19			25.0			
20			0.2			
21		5				
22	40.0	4	61.0			
23	1.0					
24		50				
25	674.5	12	5			
26	184.3	2	17			
27		7				
28	0.2	1	3			
29	3.3					
30	3.5					
31	0.5		144			
32		5				
33	0.2					
34	350.2	30				1900.0
35			14			
36	2116.0	49	127			
37	2257.0	68	10			
38						76.0
39		12	3600			
40			46			
41		216	4992			
42	4000.0	12				
43		95	410			
44			255			
45						104.0
46	162.0					
47		2025				
48						180.0
49	45.0		293	60	14.0	2970.0
50	24.3		1	94	25.4	0.8
51			95			
52			100			
53			84			
54			70			
55			137			
56			26			
57	1.0		111			
58			158			
59			2600			

Note: Entries include industrial results and some MSW.  
Responses are on file offices of SWMA. Some are confidential.

**BARTHOLOMEW COUNTY DISTRICT PLAN****WASTE DIVERSION SURVEY SUMMARY**

<b><u>MATERIAL</u></b>	<b><u>INDUSTRIAL</u></b>	<b><u>COMMERCIAL, INSTITUTIONAL, RESTAURANTS</u></b>	<b><u>RECYCLING SERVICES</u></b>
Newspaper	-	-	470
Paper/ Corrugated	10,175	1,270.7	2,836
Metals	24,069	49.6	70.3
Skids & Pallets	1,204	122	-
Wood	2,027	-	-
Glass	-	-	94
Plastic	27	3	39.4
Clothing/ Furniture	-	-	180
Tires	-	76	-
Sand	14,424	-	-
Misc./ Special	<u>5,204</u>	<u>1,500</u>	<u>0.8</u>
TOTALS	57,130	3,021.3	3,690.5
Number of Responses	27	24	8

**Note:** These are unadjusted totals compiled from information gathered in the facility inventory and business surveys. Values in Table III-1 and III-2 are adjusted to eliminate double counting that occurs when surveying both business and recycling service diversion.



X  
April 6, 1992

We, the undersigned, are the Local Government Project Committee of the 1992 Leadership Bartholomew County class. We have selected as our project the study of the economic development opportunities associated with the Bartholomew County solid waste program.

Whereas, nearly \$2 million is being spent on solid waste disposal within Bartholomew County, with costs estimated to continue rising;

Whereas, Bartholomew County is currently recycling 29% of residential waste and 40% of commercial waste,

Whereas, Public Law 10-1990 mandates that Indiana's solid waste be reduced from current levels by 35% by January 1, 1996 and by 50% by January 1, 2001;

Whereas, we believe there are economic development opportunities available in the recycling and reusing of Bartholomew County's waste materials; and

Whereas, expertise is needed to develop commercially viable enterprises to help reduce solid waste within Bartholomew County, expertise such as that offered by Dr. Neil Seldman in his December 11, 1991 letter to Mayor Stewart;

We therefore propose that the Environmental Affairs Committee of the Columbus Area Chamber of Commerce and the Bartholomew County Solid Waste Management District Board:

- 1) Work jointly to seek available expertise to assist in developing and recruiting appropriate commercial enterprises, and
- 2) Include statements in support of this proposal in the Solid Waste Management District's 20-year plan.

Respectfully submitted,

Michael McCormick  
Irida Miller  
Nancy Treesh  
Gwendolyn Wiggins  
Robert Williams

# LOCAL SELF-RELIANCE

Environmentally Sound Economic Development

December 11, 1991

The Honorable Robert Stewart  
Mayor, Columbus, Indiana  
123 Washington St.  
Columbus, IN 47201

Dear Mayor Stewart:

Now that my colleagues and I have had the opportunity to discuss and evaluate our recent visit to Indiana and to place the interests of Columbus and Bartholomew County in perspective, I want to let you know what I propose as the Institute for Local Self-Reliance's (ILSR) next steps in helping you establish a state-of-the-art recycling/manufacturing network for your area. An important feature of this project would be the attraction of manufacturing businesses capable of and willing to employ impaired workers or hard-to-employ population groups in end-use manufacturing enterprises.

The October Conference in Columbus was a watershed event for a number of reasons:

- o The Mayor's opening remarks set the tone of the conference. He reminded the audience that, in the none too distant past, visitors entering Columbus were greeted by the open, sometimes burning, dump at the highway leading into the City. That has changed, he announced, not only because Columbus wants a clean image, but also because recycling and proper disposal are a valuable economic assets to both the City and its industrial sector.
- o Shortly after the Mayor's remarks, several City employees reviewed the planning, implementation, and expansion of the City's and County's recycling efforts. The audience was impressed with the results of the efforts and with the dedication and enthusiasm of City workers operating the programs.
- o The participants' enthusiasm quickly spread to the audience, as they heard half a dozen high-level corporate officials outline their companies' extensive recycling efforts. These individuals and their organizations were motivated as much by



the desire to be good corporate citizens as to reduce costs and maximize profits.

- o Finally, the audience learned of the extraordinary volunteer efforts undertaken to increase private and public awareness of the solid-waste crisis and the recycling and composting alternatives that can, and in many areas have, significantly reduced the waste stream.

A positive attitude toward the tide of effective change was evident throughout the conference. Participants expressed conviction that Columbus can be a leader in innovative solid-waste management, using means that safeguard the environment while meeting the corporate and municipal bottom line. The participants clearly indicated that Columbus' citizens are eager to work towards realizing this goal.

On behalf of the Institute for Local Self-Reliance, I now propose to conduct a follow-up analysis and report for Columbus and Bartholomew County, including recommendations for next steps in the recycling process: local end-use of collected recyclable material. Such ventures ensure that jobs, skills, profits, and revenues from employment and business taxes are retained in the local economy, and are available to stimulate economic growth with minimum pollution.

This letter describes the actions we propose and sets out a timetable and budget for those actions.

Background:

Institute staff has been working in the state since 1989 under a series of grants from the Moriah Fund, Inc. We have made a dozen presentations in cities including Crawfordsville, Columbus, Anderson, Muncie, Bloomington, Nashville, Kendallville, Indianapolis, and Evansville. The workshops have introduced data on recycling technology and economics, planning and implementation, landfill bans, and economic development opportunities. At the request of Indiana citizens, the ILSR assisted the Hoosier Environmental Council and other groups in drafting legislation that was subsequently passed, thereby setting the stage for the current activities in solid-waste management.

Most recently, the Pew Charitable Trusts awarded the Institute a grant to develop enterprises in rural Indiana that use recycled materials. We have started this project, meeting with representatives of the Four-County Solid Waste District in northeastern Indiana, and the N.E. Indiana Alliance, headed by John Reimke, outgoing mayor of Kendallville.

Under this year's grant from the Moriah Fund, ILSR is completing a comic book on solid-waste planning for Monroe County, as well as a model solid-waste plan for an Indiana county or district. Both products will be published and distributed throughout the State. We believe this literature will provide essential information, enabling citizens to participate in their region's solid-waste planning efforts.

Currently, local planners are hiring commercial consulting firms, whose staffs are not always familiar with state-of-the-art technologies. ILSR's evaluations and analyses provide insights, data, and details of successful operations to help City and County staff members better understand the options available, learn what questions must be posed, and offer specific design characteristics for local programs. The increased knowledge base of the local officials narrows the scope of work, which saves fees while encouraging counties and districts to rely on their own staffs to develop the plans (as in Noble and Monroe counties), keeping the expertise "in-house."

Current Need:

Site-Specific Evaluations of Economic Development Opportunities in Columbus, Indiana. Recycling and manufacturing new products from recovered materials can create opportunities for new, permanent jobs in communities like Columbus. There, the industrial base and history of volunteerism should serve as the basis for a number of ventures involving glass, rubber, plastics, paper, and used oil; however, a great deal of research and "number crunching" will be necessary to evaluate specific entrepreneurial opportunities. Our staff, including Brenda Platt, Maurice Sampson, and myself (resumes attached), would make a two-day visit to Columbus in January or February, meeting with City and County officials, business and community leaders, and people involved in the City's and County's job creation programs.

Prior to the visit, the ILSR would need certain details of the existing solid-waste program, including: (a) current cost of collection and disposal; (b) cost estimates of landfill replacement; (c) current level and cost of a recycling program; (d) available end-markets; (e) economic development resources including funds and industrial sites; and (f) the current status of solid-waste planning.

After our visit, the Institute would provide a detailed memorandum, assessing the current situation, making recommendations for improvement, noting enterprises that could be located in the City or County and their requirements (supply of materials, sale of products, siting), outlining procurement strategies, and offering a scenario for furthering a recycling and economic development program. The assessment would also include a recommended implementation schedule.

The review process of our work would include inviting several manufacturers interested in locating in the Mid-west to describe their processes, technologies, and businesses. Participants from the Columbus/Bartholomew area could then judge for themselves the applicability of the enterprises to the area.

To begin, working with leaders in Columbus/Bartholomew County, we would enlist at least three of the following firms to offer proposals for involvement:

- o **Coon Manufacturing & Distribution:**  
Manufactures products from recycled plastics.
- o **Fuel Processors, Inc.:**  
Re-refines used motor oil into new lubricating fuels.
- o **The Loading Dock:**  
A nonprofit corporation that resells used building materials to community organizations and individuals for low cost housing and related needs.
- o **Orange Grove Center:**  
A nonprofit corporation that employs impaired youth and adults to processes recyclables.
- o **ReClaim, Inc.:**  
Manufactures products from old roofing asphalt.
- o **Rubber Research Elastomerics:**  
Manufactures crumb rubber from used tires for new industrial products and roadways.
- o **SunShares, Inc.:**  
A nonprofit corporation that collects and processes municipal recyclables, sharing revenues from material sales with the City.
- o **Urban Ore:**  
Establishes landfill highgrading operations to recover used materials from the waste stream. Also establishes composting operations to serve the nursery industry.
- o **Wood Fiber, Inc.:**  
Manufactures 16 products from old wood panels.

These firms are representative of the types of enterprises that most U.S. cities need to establish a solid market for locally-

generated, recyclable materials. The ILSR would work with local officials to determine the most appropriate manufacturers for the area.

During the review, ILSR staff would present basic propositions and strategies for developing programs that benefit the hard to employ; subsequently, these firms could be invited to participate in projects employing impaired or hard-to-employ workers in environmentally sound enterprises.

The City and County would directly benefit from the conference in four ways:

1. Institute staff would review the state of the art in government actions to increase recycling and attract markets. (See Appendix A.)
2. City/County officials and private firms seeking to expand or diversify would have direct information about manufacturers seeking local partners in the Columbus area. We expect that those manufacturers would later make special efforts to meet with local community development groups and business representatives to discuss joint venture opportunities.
3. Local officials would have a rough blueprint for an industrial park reserved for manufacturers using recycled materials. These plants would use locally-generated materials, as well as materials imported from other areas in Indiana and the Midwest.

Should the City/County desire to attract firms that share equity with community development corporations, funding could be requested from a number of significant sources. For instance, in California, on the advice of the Institute and Californians Against Waste Foundation, a consortium of foundations has established a special fund for community development through recycling. Such a scenario is quite plausible for Columbus. The City can serve as a market for raw materials from rural areas and a distribution center for products that serve rural areas; several significant funding sources have home-bases in Indiana.

4. Local haulers would benefit from the review and analysis by learning about equipment adapted for cost-effective collection and processing, cooperative marketing arrangements, and opportunities for investment in related

Robert Stewart  
December 11, 1991  
Page 6

enterprises. ILSR's experience shows that often it is the haulers who act most quickly on newly presented information, as they hope to increase efficiency and provide state-of-the-art services to prevent competitors from encroaching on their service market.

We see the project as proceeding from analysis of data provided in Columbus' response to our questions on page 3. Early next year, we would follow with a staff site visit in February and a report to City and County officials and community groups within a month after the visit. On the following page, I have included the proposed project budget for staff time, site visit, and a report.

Should you have any questions regarding this proposal, or should you require further information, please do not hesitate to contact me.

Sincerely,



Neil Seldman  
President

Enc.

Letter also sent to:

County Commissioners, c/o Solid Waste Management Authority  
Steve Helmick, President, Columbus Chamber of Commerce  
Bruce Wallace, Administrative Resources Association

cc: Ball Foundation

Citizens Advisory Board, c/o Solid Waste Management Authority  
Cummins Engine Foundation  
Heritage Fund of Bartholomew County  
Irwin-Sweeney-Miller Foundation  
Regional Services Corp.  
Solid Waste Management District

Robert Stewart  
December 11, 1991  
Page 7

#### BUDGET

The budget for the Institute's share of the evaluations and for a follow-up report would come to \$11,500 as follows:

Professional Staff (3 senior grade)	\$7,500
Support/Clerical	1,000
ILSR Staff Travel (one trip, 3 people, to Columbus)	1,000
Phone, Fax, Copying, Postage	500
Follow-up memo/report	1,500
<b>Total . . . . .</b>	<b>\$11,500</b>

Finally, the above presumes our staff availability for follow-up telephone consultation, evaluation of manufacturers' proposals, review of Requests for Qualifications and Requests for Proposals and such other technical/professional assistance that does not require further on-site presence.

This statement should not be construed to exclude a follow-up visit, if necessary. Since provisions of the Pew and Moriah Foundation grants allow for ILSR staff to work elsewhere in Indiana, I would be willing to commit limited staff time in tandem with, but beyond other work which we will be doing in the State.

# Projected Budget Requirements for Solid Waste Management In 1993

## Personal Services

### *Salaries and Wages*

### SWMA

Administrator	1 full	\$31,000.00
Recycling Manager	1 full	\$26,250.00
Ad. Asst./Accts. Mg	1 full	\$17,500.00
Scales	1full2part	\$23,213.00
Recycling Center	City	\$13,000.00
Recycling Center	1full1part	\$25,000.00
Saturday Pickup	8 part	\$41,475.00
Sand Site/Compost	2 full	\$33,280.00

Total	\$210,718.00
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### *Employee Benefits*

Social Security	\$16,119.93
Retirement	\$12,643.08
Group Insurance	\$32,400.00
Unemploy. Comp.	\$5,000.00

Total	\$276,881.01
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## Supplies

Office+Billing+Software	\$9,000.00
Operating	\$5,200.00
Repair & Maint.	\$5,450.00

Total	\$19,650.00
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## Other Svcs. & Charges

### *Professional Svcs.*

Legal & Appraisals	\$30,000.00
Tox-A-Way	\$25,000.00
Engineering + Site Invest.	\$75,000.00

### *Communication & Trans.*

Telephone + Postage	\$6,040.00
Travel	\$5,000.00

### *Printing & Advertising*

Legal Ads	\$400.00
Recycling Ads & Educational Program	\$20,000.00

Projected Budget Requirements for Solid Waste Management in 1993

*Insurance*

Workmans Comp.	\$7,500.00
Liability	\$2,000.00

*Utility Svcs.*

Electrical	\$10,000.00
Leachate Analysis & Treatment	\$4,000.00

*Repairs & Maint.*

Convenience Stations	\$4,000.00
Scales (Maint. & Inspection)	\$2,000.00
Leachate Pond	\$2,000.00
Equipment	\$9,500.00

*Other Svcs. & Chgs.*

Walesboro Operation	\$18,000.00
Landfill Operation	\$650,000.00
Sample Analysis	\$12,000.00
County Pickup	\$30,500.00
Recycling Drop Boxes	\$8,700.00

<b>Total</b>	<b>\$921,640.00</b>
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Capitol Outlays

*Land*

Purchase Option Payment	\$65,000.00
New Convenience Cntr.	\$17,500.00

*Buildings*

New Convenience Cntr.	\$90,000.00
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*Improvements Other  
Than Building*

LF Cell Construction	\$200,000.00
Gas Control System	\$60,000.00
Sand Site Cell	\$45,000.00



# Projected Budget Requirements for Solid Waste Management in 1993

## *Machinery & Equipment*

Recycling Equip.	\$35,000.00
FAX Machine	\$1,500.00
3/4 ton Pickup 4WD	\$15,500.00
Copy Machine Collator	\$1,100.00
Track Loader - New	\$35,000.00
(1st. yr./3yr. lease to purch.)	

## *Other Capitol Outlays*

New Site Borling	\$40,000.00
Closure-Post Closure	\$0.00
Fund Deposits	

<u>Total</u>	<u>\$605,600.00</u>
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## *Budget*

<u>Total</u>	<u>\$1,823,771.01</u>
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**THE**

COPY

ORDINANCE NO. 1991-10

AN ORDINANCE CREATING  
BARTHOLOMEW COUNTY SOLID WASTE  
MANAGEMENT DISTRICT

WHEREAS, Indiana Code Section 13-9.5-2-1 requires Bartholomew County, Indiana, by ordinance of its Board of Commissioners, on or before July 1, 1991, to either (1) join with one (1) or more other counties in establishing a joint solid waste management district that includes the entire area of all of the acting counties; or (2) designate itself as a county solid waste management district; and

WHEREAS, it is deemed desirable and in the best interests of the citizens of Bartholomew County that the County of Bartholomew designate itself as a single county solid waste management district to include all of the incorporated and unincorporated territory of Bartholomew County, Indiana, and to appoint a board of directors of said district, establish the terms of office of each of its members, and to prescribe its powers pursuant to the terms of Indiana Code Sections 13-9.5-1-1, et seq.;

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF COMMISSIONERS OF BARTHOLOMEW COUNTY, INDIANA, as follows:

SECTION I

ESTABLISHMENT OF DISTRICT

A. The County of Bartholomew County, Indiana, is hereby designated as a county solid waste management district, to be known as "BARTHOLOMEW COUNTY SOLID WASTE MANAGEMENT DISTRICT".

SECTION II

TERRITORY INCLUDED IN DISTRICT

A. All of the incorporated and unincorporated territory of Bartholomew County, Indiana, shall be included in the Bartholomew County Solid Waste Management District.

### SECTION III

#### MEMBERSHIP OF BOARD OF DIRECTORS

A. The Board of Directors of the Bartholomew County Solid Waste Management District shall consist of seven (7) members who shall be appointed as follows:

1. Three (3) members shall be the Board of Commissioners of Bartholomew County, Indiana;
2. One (1) member shall be appointed by the Bartholomew County Council from its membership;
3. One (1) member shall be the mayor of the City of Columbus, Indiana;
4. One (1) member shall be appointed by the Common Council of the City of Columbus, Indiana, from its membership;
5. One (1) member who shall be a member of the Board of Trustees of an incorporated town in Bartholomew County, Indiana, shall be appointed by the Board of Commissioners of Bartholomew County, Indiana, to represent the municipalities in Bartholomew County, Indiana, other than the City of Columbus, Indiana.

### SECTION IV

#### TERMS OF OFFICE

A. The term of office of a member of the Board of Directors of the Bartholomew County Solid Waste Management District who is an executive or is appointed from the membership of an executive, legislative, or fiscal body of the County of Bartholomew, Indiana, the City of Columbus, Indiana, or an incorporated town in Bartholomew County, Indiana, shall be coextensive with the member's term of office on that body.

B. The term of office of other appointed members of the Board of Directors of the Bartholomew County Solid Waste Management District shall be two (2) years.

C. All members appointed by the appointing authority described in Section III of this Ordinance shall serve at the pleasure of such appointing authority.

SECTION V

POWERS OF THE BARTHOLOMEW COUNTY  
SOLID WASTE MANAGEMENT DISTRICT

A. The powers of the Bartholomew County Solid Waste Management District shall include the following:

1. The power to develop and implement a district solid waste management plan under Indiana Code 13-9.5-4.
2. The power to impose district fees on the final disposal of solid waste within the Bartholomew County Solid Waste Management District under Indiana Code 13-9.5-6-1.
3. The power to receive and disburse funds.
4. The power to sue and be sued.
5. The power to borrow money from the district planning revolving loan fund under Indiana Code 13-9.5-10.
6. The power to plan, design, construct, finance, manage, own, lease, operate, and maintain facilities for solid waste management.
7. The power to enter with any person into a contract or agreement that is necessary or incidental to the management of solid waste. Contracts or agreements that may be entered into under this paragraph include those for:
  - a. The design, construction, operation, financing, ownership, or maintenance of facilities by the Bartholomew County Solid Waste Management District or any other person;
  - b. The managing or disposal of solid waste;or

- c. The sale or other disposition of materials  
or products generated by any such facility.

Notwithstanding any statute to the contrary, the maximum term of a contract or agreement described in this paragraph may not exceed forty (40) years.

8. The power to enter into agreements for the leasing of facilities in accordance with Indiana Code 36-1-10 or Indiana Code 36-9-30.
9. The power to purchase, lease, or otherwise acquire real or personal property for the management or disposal of solid waste.
10. The power to sell or lease any facility or part of a facility to any person.
11. The power to make and contract for plans, surveys, studies, and investigations necessary for the management or disposal of solid waste.
12. The power to enter upon property to make surveys, soundings, borings, and examinations.
13. The power to accept gifts, grants, or loans of money, other property, or services from any source, public or private, and to comply with the terms of the gift, grant, or loan.
14. The power to levy a tax within the Bartholomew County Solid Waste Management District to pay costs of operation in connection with solid waste management, subject to regular budget and tax levy procedures.
15. The power to borrow in anticipation of taxes.
16. The power to hire the personnel necessary for the management or disposal of solid waste in accordance with an approved budget and to contract for professional services.
17. The power to otherwise do all things necessary for the reduction, management, and disposal

of solid waste and the recovery of waste products from the solid waste stream.

18. The power to adopt resolutions that have the force of law.

B. The powers of the Bartholomew County Solid Waste Management District do not include the following:

1. The power of eminent domain.
2. The power to exclusively control the collection or disposal of solid waste within the Bartholomew County Solid Waste Management District.

#### SECTION VI

##### DELEGATION OF AUTHORITY OF THE BARTHOLOMEW COUNTY SOLID WASTE MANAGEMENT DISTRICT BOARD OF DIRECTORS

A. The Board of Directors of the Bartholomew County Solid Waste Management District may delegate any of the authority of said Board of Directors to any board or legislative body of the County of Bartholomew, Indiana, the City of Columbus, Indiana, or any other municipality in Bartholomew County, Indiana, by resolution; however:

1. An exercise by any board or legislative body of said County, City, or other municipality of the taxing power of the Bartholomew County Solid Waste Management District must be ratified by the Board of Directors of the Bartholomew County Solid Waste Management District; and
2. If the board of said County, City, or other municipality has been delegated authority under this paragraph, the legislative body of said County, City, or other municipality must approve an action of the board of said County, City, or other municipality that involves:

- a. An exercise of the taxing power of Bartholomew County Solid Waste Management District;
- b. The issuance of bonds authorized under Indiana Code 13-9.5-1-1 et seq.; or
- c. The setting of fees, rates, and charges under Indiana Code 13-9.5-1-1 et seq.

B. The Board of Directors of the Bartholomew County Solid Waste Management District may delegate authority to said Board's officers to carry out the directions of said Board of Directors.

C. A resolution delegating powers of the Board of Directors of the Bartholomew County Solid Waste Management District under this paragraph must contain reasonable standards and parameters within which the delegated powers may be exercised.

#### SECTION VII

##### APPOINTMENT OF BARTHOLOMEW COUNTY SOLID WASTE MANAGEMENT ADVISORY COMMITTEE

A. The Board of Directors of the Bartholomew County Solid Waste Management District shall appoint and convene a solid waste management advisory committee of citizens, including representatives of the solid waste management industry operating in the Bartholomew County Solid Waste Management District, who are knowledgeable about and interested in environmental issues. All members of the committee must be residents of the Bartholomew County Solid Waste Management District. In the resolution establishing an advisory committee, the Board of Directors of the Bartholomew County Solid Waste Management District shall specify the terms of the members and the purposes of the committee. The advisory committee shall do the following:

1. Study the subjects and problems specified by the Board of Directors of the Bartholomew County Solid Waste Management District and recommend to said Board additional problems in need of study and discussion.



2. If invited by the Board of Directors of the Bartholomew County Solid Waste Management District to do so, participate, without the right to vote, in the deliberations of said Board.

B. The Solid Waste Management Advisory Committee shall report only to the Board of Directors of the Bartholomew County Solid Waste Management District and shall make inquiries and reports only on the subject and problems specified by the board's resolution establishing the committee.

#### SECTION VIII

##### COMPENSATION

A. Members of the Bartholomew County Solid Waste Management District Board of Directors shall not receive a salary or other compensation; however, members of said Board of Directors may be entitled to reimbursement for necessary expenses incurred in the performance of their respective duties.

#### SECTION IX

##### OATH

A. Each member of the Board of Directors of the Bartholomew County Solid Waste Management District, before entering his or her duties, shall take an oath of office in the usual form, to be indorsed upon his or her certificate of appointment and promptly filed with the Clerk of the Bartholomew County Circuit Court.

#### SECTION X

##### ORGANIZATION

A. The Board of Directors of the Bartholomew County Solid Waste Management District shall meet immediately after the appointment of said members for the purpose of organization. Said Board shall elect one (1) of its members chairman, another vice chairman, and another secretary. The members elected to those offices shall perform the duties pertaining to their respective offices, as follows:

1. The chairman shall preside at all meetings of the Board of Directors of the Bartholomew

County Solid Waste Management District, and, subject to the approval of the Board of Directors thereof, shall direct the policies and management of the Bartholomew County Solid Waste Management District. The chairman shall discharge all the duties inherent to a presiding officer and perform such other duties as from time to time may be assigned by the Board of Directors of the Bartholomew County Solid Waste Management District or as prescribed by law.

2. The vice chairman shall perform all duties incumbent upon the chairman during the absence or disability of the chairman, and perform such other duties as the Board of Directors of the Bartholomew County Solid Waste Management District may prescribe.
3. The secretary shall attend all meetings of the Board of Directors of the Bartholomew County Solid Waste Management District and shall keep, or cause to be kept, a true and complete record of the proceedings of such meetings, and shall perform a like duty for all standing committees appointed by the Board of Directors of the Bartholomew County Solid Waste Management District, when required. The secretary shall attend to the giving and serving of all notices of the Bartholomew County Solid Waste Management District, shall authenticate the records of the Bartholomew County Solid Waste Management District, and shall, unless the Board of Directors thereof provides otherwise, maintain the records of said district

and shall perform such other duties as the Board of Directors of the Bartholomew County Solid Waste Management District may prescribe.

B. Assistants to any duly elected officer of the Bartholomew County Solid Waste Management District may be appointed by the Board of Directors thereof. Such assistant officers shall have such powers and duties as the officers whom they are elected to assist shall be specified and delegated to them and such other powers and duties as the Board of Directors thereof may prescribe. An assistant secretary may, in the event of the absence or disability of the secretary, attest to the execution by the Board of Directors of the Bartholomew County Solid Waste Management District, or any of its officers of all documents.

C. In case of the absence of any officer of the Bartholomew County Solid Waste Management District, or for any other reason that the Board of Directors thereof may deem sufficient, the Board of Directors thereof may delegate the powers or duties of such officer to any other officer or to any director of the Bartholomew County Solid Waste Management District, for the time being, provided a majority of the entire Board of Directors thereof concurs therein.

D. The officers elected or appointed under this Section X shall serve from the date of their election or appointment until their respective successors are elected and qualified.

E. A majority of the members of the Board of Directors of the Bartholomew County Solid Waste Management District shall constitute a quorum at any regular or specially called meeting of said Board of Directors. The concurrence of a majority of the members of the Board of Directors thereof shall be necessary to authorize any action.

#### SECTION XI

##### RECEIPT AND DISBURSEMENT OF FUNDS

A. All money coming into possession of the Bartholomew County Solid Waste Management District shall be deposited, held,

secured, invested and paid in accordance with statutes relating to the handling of public funds. The handling and expenditure of money coming into possession of the Bartholomew County Solid Waste Management District shall be subject to audit and supervision by the Indiana State Board of Accounts.

SECTION XII

SEVERABILITY

A. If any part of this Ordinance shall be held invalid, or shall be found to be contrary to law, such part shall be deemed severable and the invalidity thereof shall not affect the remaining parts of this Ordinance, and all other provisions thereof shall remain in full force and effect.

SECTION XIII

EFFECTIVE DATE

This Ordinance shall be effective immediately upon its passage and approval.

PASSED AND ADOPTED BY THE BOARD OF COMMISSIONERS OF BARTHOLOMEW COUNTY, INDIANA, this 17<sup>th</sup> day of June, 1991.

BOARD OF COMMISSIONERS OF  
BARTHOLOMEW COUNTY, INDIANA

Vernon Jewell  
Vernon Jewell, Chairman

Marvin Finke NO  
Marvin Finke, Member

Juanita Harden  
Juanita Harden, Member

ATTEST:

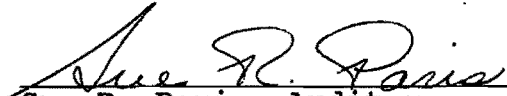
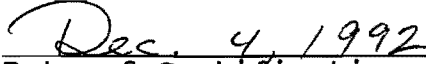
Sue R. Paris  
Sue R. Paris, Auditor

This Instrument Prepared By:  
Joseph S. Thompson  
Attorney at Law  
207 Washington Street  
Post Office Box 242  
Columbus, IN 47202-0242

CERTIFICATION

I, Sue R. Paris, Auditor of Bartholomew County, hereby certify that the attached sheets are true and correct copies of NOTICE OF MEETING(s); (including the NOTICE OF PUBLIC HEARING for presentation of the 20-Year Solid Waste Plan held on June 18, 1992); and,

SOLID WASTE MANAGEMENT DISTRICT BOARD MINUTES (including minutes from public hearing held on June 18, 1992) from June 26, 1991 thru November 18, 1992.

  
Sue R. Paris, Auditor  
  
Date of Certification

PUBLIC MEETING

Wednesday, June 26, 1991, at 9:30 a.m. Commissioner's Conference Room

Solid Waste Management Agenda

June 26, 1991

- 9:30 a.m. Organizational Meeting -- Election of Officers
- 9:45 a.m. Consideration of Delegation of Responsibilities
- 10:00 a.m. Miscellaneous

SOLID WASTE MANAGEMENT DISTRICT BOARD MINUTES  
JUNE 26, 1991

The Bartholomew County Solid Waste Management District Board held a Public Hearing in the Commissioners' Conference Room in the Governmental Office Building, 440 Third Street, Columbus, IN, on June 26, 1991, for the purpose of organization. The meeting was called to order by Phyllis Apple, Chief Deputy Auditor at 9:30 a.m. Others present were Vernon Jewell, Marvin Finke, and Juanita Harden, County Commissioners; Tom Harrison, County Council Member; Mike Totten, City Council Member; Mayor Robert Stewart; and Jim Murray, SWDA Administrator.

The first order of business was election of officers for the Bartholomew County Solid Waste Management District Board. The floor was opened for nominations for President. Juanita Harden made the motion to nominate Mike Totten for President. The motion was seconded by Vernon Jewell, and after some discussion and there being no other nominations, the motion was unanimously passed. The floor was then opened for nominations for Vice President. Vernon Jewell made the motion to nominate Juanita Harden for Vice President. Mike Totten seconded the motion, and there being no other nominations, the motion was unanimously passed. The floor was then opened for nominations for Secretary/Fiscal Officer. The County Auditor Sue Paris was nominated for this position on motion of Tom Harrison. Juanita Harden seconded the motion, and there being no other nominations, the motion was unanimously passed. Chief Deputy Auditor Phyllis Apple then turned the meeting over to newly elected President of the Bartholomew County Solid Waste Management District Board, Mike Totten.

President Totten opened the floor to discussion of delegation of responsibilities. The District Board will leave the responsibility of day-to-day operations to the Solid Waste Management Authority, formerly SWDA. Tom Harrison stated the key to success is choosing strong, active people who will continue with what has been done before. Discussion followed on how many are to be named to the Solid Waste Management Authority, hereafter known as SWMA. There are to be seven (7) members total. The Commissioners name three (3) members, the Mayor names two (2) members, the County Council names one (1) member, and the City Council names one (1) member. Next, followed the decision of what "powers" of the Bartholomew County Solid Waste Management District Board would be delegated to the SWMA. The list of powers taken from Ordinance No. 1991-10, Section V, are listed as follows, along with the Board's decision of delegation for each power.

SECTION V

POWERS OF THE BARTHOLOMEW COUNTY  
SOLID WASTE MANAGEMENT DISTRICT

A. The powers of the Bartholomew County Solid Waste Management District shall include the following:

1. The power to develop and implement a district solid waste management plan under Indiana Code 13-9.5-4.  
BOARD
2. The power to impose district fees on the final disposal of solid waste within the Bartholomew County Solid Waste Management District under Indiana Code 13-9.5-6-1.  
SWMA
3. The power to receive and disburse funds. SWMA
4. The power to sue and be sued. SWMA
5. The power to borrow money from the district planning revolving loan fund under Indiana Code 13-9.5-10.  
BOARD
6. The power to plan, design, construct, finance, manage, own, lease, operate, and maintain facilities for solid waste management. SWMA
7. The power to enter with any person into a contract or agreement that is necessary or incidental to the management of solid waste. Contracts or agreements that may be entered into under this paragraph include those for:
  - a. The design, construction, operation, financing, ownership, or maintenance of facilities by the Bartholomew County Solid Waste Management District or any other person;
  - b. The managing or disposal of solid waste; or
  - c. The sale or other disposition of materials or products generated by any such facility.Notwithstanding any statute to the contrary, the maximum term of a contract or agreement described in this paragraph may not exceed forty (40) years. SWMA
8. The power to enter into agreements for the leasing of facilities in accordance with Indiana Code 36-1-10 or Indiana Code 36-9-30. SWMA
9. The power to purchase, lease, or otherwise acquire real or personal property for the management or disposal of solid waste. SWMA
10. The power to sell or lease any facility or part of a facility to any person. SWMA
11. The power to make and contract for plans, surveys, studies, and investigations necessary for the management or disposal of solid waste. SWMA
12. The power to enter upon property to make surveys, soundings, borings, and examinations. SWMA
13. The power to accept gifts, grants, or loans of money, other property, or services from any source, public or private, and to comply with the terms of the gift,



grant, or loan. SWMA

14. The power to levy a tax within the Bartholomew County Solid Waste Management District to pay costs of operation in connection with solid waste management, subject to regular budget and tax levy procedures. BOARD
15. The power to borrow in anticipation of taxes. BOARD
16. The power to hire the personnel necessary for the management or disposal of solid waste in accordance with an approved budget and to contract for professional services. SWMA
17. The power to otherwise do all things necessary for the reduction, management, and disposal of solid waste and the recovery of waste products from the solid waste stream. SWMA
18. The power to adopt resolutions that have the force of law. BOARD

B. The powers of the Bartholomew County Solid Waste Management District do not include the following:

1. The power of eminent domain.
2. The power to exclusively control the collection or disposal of solid waste within the Bartholomew County Solid Waste Management District.

The next order of business was miscellaneous items. The general consensus was that, as of June 26, 1991, the present Solid Waste Disposal Authority (SWDA) continue with operations until the appointed Solid Waste Management Authority (SWMA) members take over. The Commissioners will also appoint a seventh member to the District Board, this member being from an unincorporated town within the Solid Waste Management District. The as yet unappointed SWMA will meet the second Thursday of each month. The District Board will meet the third Thursday of each month at 8:00 a.m. in the Commissioners' Conference Room, Governmental Office Building, 440 Third Street, Columbus, IN.

The next meeting of this District Board will be July 18, 1991, at 8:00 a.m. An agenda will be sent out to the members each month by Jim Murray, SWDA Administrator.

Names of those persons to be on the Citizen Advisory Group are to be brought to the next meeting.

There being no other business at this time, Tom Harrison made a motion that the meeting be adjourned, and Juanita Harden seconded the motion. The meeting was adjourned.

*Dick Wieg.*

**NOTICE OF PUBLIC HEARING**

The Solid Waste Management District Board will hold a Public Hearing on Thursday, June 18, 1992 at 7:00 p.m. in the Governmental Office Building, 440 Third Street, 1st Floor Commissioners' Chambers, Columbus, Indiana. The purpose of the meeting is to present the 20-Year Solid Waste Management Draft Plan.

Copies of the draft plan are available for your review at the Bartholomew County Library reference desk, or at the Solid Waste Management Authority (SWMA) office at 440 Third Street in Columbus. For more information, contact the SWMA at 379-1757.

PLEASE PUBLISH: The Republic on June 4, 1992  
Star Journal on June 4, 1992

## NOTICE OF MEETING

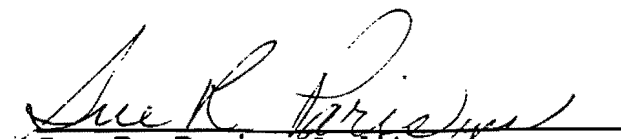
The Solid Waste Management District Board will hold a meeting in the County Commissioners' Chambers, at the Bartholomew County Governmental Office Building, 440 Third Street, Columbus, IN 47201, at 7:00 o'clock p.m. on Thursday, June 18, 1992 for the purpose of:

1. Presentation of 20-Year Solid Waste Plan.
2. Other business which may come before the Board.

## CERTIFICATE OF POSTING AND PUBLIC NOTICE OF MEETING

I certify and affirm under the penalties for perjury that the above notice was posted on the door of the Commissioners' Chambers, at the Bartholomew County Governmental Office Building, 440 Third Street, Columbus, IN 47201, from 8:00 a.m. on Wednesday, June 10, 1992 to 7:00 p.m. on Thursday, June 18, 1992 when the meeting referred to was held.

I further certify that public notice of the date, time and place of said meeting was given at least 48 hours before said meeting by depositing in the U. S. Mail with postage prepaid or by delivering notice to all news media which have filed by January 1 an annual written request for such notice with the Board of Commissioners of the County of Bartholomew, Indiana.

  
Sue R. Paris, Auditor  
Bartholomew County, Indiana

*Dick Wigh*

SOLID WASTE MANAGEMENT  
DISTRICT BOARD MEETING  
JUNE 18, 1992

The Solid Waste Management District Board Meeting met on June 18, 1992 in the Commissioners Meeting Room, 440 3rd Street, Columbus, Indiana at 7:00 p.m. The meeting was called to order by Board President Mike Totten, other Board members present were Marvin Finke, Tom Harrison, Juanita Harden, and Bob Stewart also attending was Auditor Sue R. Paris. Members Gail Greathouse and Vernon Jewell did not attend the meeting. The purpose of tonight's meeting was to conduct a regular Board meeting in addition to the public hearing on the 20-year solid waste management plan.

There were approximately 45 individuals attending the public hearing tonight. A sign-up sheet was provided for individuals interested in commenting on the 20-year solid waste management plan.

Dick Wigh of Regional Services Corp. presented the 20-YEAR SOLID WASTE MANAGEMENT PLAN 1991-2011. This plan is required by HB 1240. Mr. Wigh then highlighted the 20-year plan. The meeting for final adoption, after incorporating information from tonight's meeting, will be presented for final adoption on July 1, 1992 by the Solid Waste Management District Board.

Essentially, the 20-year plan deals with what is going on at the present time in the County. During the year 1991, 190,000 tons of solid waste was generated with 71,000 tons being recycled or reused, or 37% of total waste generated. Bartholomew County already meets the 1996 goal established by the State Legislature. The existing landfill will probably be full by mid-1996. The City Garage Site will be full in 1997-1998.

The Plan consists of three parts:

1. Municipal Solid Waste

By October 1, 1994 100% of all vegetation waste must be diverted from the landfill site as mandated by State law. Three additional drop off boxes must be added throughout the County.

Combine the Saturday pick-up points--instituting user fees. ABC School, Lowell Bridge would be combined at a convenience station, the same as is present in the southwest at the Walesboro Airport. The City packer truck, which has been parked at S.R.7 and 31, would also be turned into a convenience station. This enables the user to be charged and it is a more efficient way of collecting waste. Instead of hauling 5 tons in a packer truck you haul 8 to 10 tons in a roll off box. Eliminate all appliance, battery and used oil disposal at the landfill. Divert 75% of the tires going into the landfill. Establish a paper and corrugated pick-up service for businesses. Institute a small user fee at the landfill for the throw and go box. Institute a household hazardous waste drop off program at the new recycling center.

2. Industrial Solid Waste

Increase the amount of metals recovered. At the present time there is approximately 28,000 tons per year of metal being salvaged by local industry. Hopefully another 10% can be gleaned out of that. Increased paper and corrugated recovery. Many industries have already started this process. Others need to initiate the same. Increase skids and pallets reuse, rebuilding up to a 95% rate. Currently it is running about 65% reuse and rebuilding. Institute construction and demolition material recovery requirements. Increase the reclamation of sand up to a 35% rate by 1996; currently this is at a 20-

25% range.

### 3. Reduction of Disposal Requirements

Disposal requirements should be reduced from 120,000 tons in 1991, down to less than 90,000 tons in the year 2011. At the same time, generation of trash continues to increase. We disposed of 120,000 tons in 1991; but, in 2011 we are going to recover 120,000 tons and dispose of about 85,000-88,000 tons of trash. That would give us about a 65% recycling rate. Early on, the decision was made to continue to provide disposal of waste as a local service and not rely or be at the mercy of someone else as far as cost and availability of a disposal site.

Bartholomew County essentially has three alternatives:

1. Expanding the existing landfill
2. Increasing the grades over part of the site within the existing boundaries of the landfill; or,
3. Beginning all over and starting the site selection process all over again.

This same situation deals with the foundry sand. In 1997 or 1998 the City Garage Site is likely to be full. Again, expand the existing site; perhaps over fill out at the Bartholomew County Landfill in some of the areas that are quite flat; develop a new site; or let governmental entities wash their hands of foundry sand and allow the Foundry to develop their own disposal site.

Costs which would result from implementation of the Plan. This is a five year package plan at approximately \$1.8 Million. Taxes & Distribution Fees = \$582,000; Material Sales = \$160,000; Grants = \$70,000; User Fees = \$522,000; Increased Efficiency = \$326,000; Diversion Credits = \$160,000 with the remaining balance of the \$1.8 Million

coming from property taxes.

Major Comments Received by Dick Wigh

- Eliminate junk mail
- Require "big business" involvement
- Eliminate the collection of newspaper and cans on racks on City packer trucks--instead replace that with earlier implementation of curb side pick up within the City of Columbus
- Require institution of local government procurement policy with a preference for recyclable items
- West side drop-off site
- Stricter penalties for open dumping
- Grass pick up (first try education--leave clippings on the lawn) if that doesn't happen institute pick up fees
- Curb side collection implemented by year 2000.

President Totten opened the public hearing portion of the meeting.

Jim Durham, Chairman of Solid Waste Management Advisory Committee, stated the Committee was formed in August of 1991 and has met monthly. The 12 Member Committee reviewed the 20-Year Solid Waste Management Plan as it was developed. In general, each Board Member feels the plan is very well written and is quite comprehensive. Mr. Durham commended the City for a concentrated effort in the implementation of various efforts outlined in the Solid Waste Plan. The Advisory Committee, by law, will continue to exist. The next meeting is scheduled for Thursday, June 25, and at that time a final review of the 20-Year Solid Waste Plan will be made with final comments regarding the same.

The Committee will also address future meeting times; monthly -- quarterly. The Plan will be reviewed by the Advisory Committee on an annual basis. Additional comments dealt with site selection process and Mr. Durham's desire to handle the same in the most open way; making the process better for most citizens. Citizen participation is very important.

President Totten thanked Mr. Durham and members of the Advisory Board for their time and efforts regarding Solid Waste Management.

Liz Wire commented on the Plan and stated she was disappointed that the May Meeting of the Advisory Committee was rescheduled as there was no quorum. Mrs. Wire is concerned about appliance disposal which accounts for 30 tons of waste disposal per year. There are other disposal options for appliances; Kroots being very accessible. Let's announce to the public that appliance disposal will no longer be accepted at the landfill.

Mrs. Wire directed a positive commendation regarding disposal of corrugated paper, stating Pizza Hut is now using boxes which are recyclable; offering \$1 off your next pizza purchase if the box is returned. Perhaps a joint effort from the Board and Chamber of Commerce commending businesses publicly for using recyclable materials would encourage more businesses to do the same.

Mrs. Wire stated she was disappointed in the local businesses and their response to the survey. Out of 100 surveys sent out only 51 responses were received. Local industry should be willing to make information available. It is very difficult to make plans and projections if the required information is not available. When local input is not made available the national averages must be used.

Lead batteries should not be accepted at the local landfill. The disposal of batteries at the landfill was banned in 1990. However, the same is listed as a goal for 1996. Why are we still permitting disposal of batteries in household trash?

Jim Murray, SWMA Administrator, stated City crews do not pick up batteries when they are visible. However, it is difficult to determine whether or not household trash contains a battery.



An option for disposal of foundry sand brings up a concern for using the same as an over fill at existing landfill sites where settlement has taken place. Sand does shift and settle. Since the layer of foundry sand would be close to the surface it would be subject to weathering and erosion which could lead to runoff into Clifty Creek.

Butch Brown commended the Committee for the work done. Mr. Brown expressed concern regarding the lack of costs for out-of-county waste shipment. Also, there are no costs included for siting a new landfill development in the future. There is no time line for siting a new landfill. There is no mention of the cost for expansion of the existing landfill, and the special liability situation by putting the landfill within 600 feet of over 100 families.

President Totten stated the landfill was not being located within 600 feet of 100 families.

Mayor Stewart complemented industry for doing a tremendous job on a volunteer basis and invited commentary from Joe Donohoe of Toyota Industrial Equipment Manufacturing. Mr. Donohoe spoke regarding the waste recycling of aluminum cans, paper products from the office, collection of all cardboard and the bailing of same; even though there is no market for it at this time. They have gone from an open top dumpster to a compactor. The rate of compactors was running one a week with the cardboard, since the installation of the cardboard bailer they are down to two a month. They have good employee involvement, with a young work force. The educational system began within the younger work force. Toyota has been supported by Rumpke and the City in their recycling efforts.

A Manufacturing Support Committee has been formed in connection with the Chamber of Commerce and Mr. Donohoe will be reporting to that

Committee. The wooden pallets are a big concern of this Committee as they are very difficult to recycle and they are very filling to the landfill. This is a major problem to large manufacturing plants. They are looking at collection, separation, shipping them elsewhere, crushing them, etc.

Kinsley Renshaw was attending tonight's meeting at the request of the Hoosier Environmental Council to present petitions to the Solid Waste Management District Board. Mr. Renshaw read a letter which accompanied the petitions.

To: Members of the Solid Waste Management District Planning Board and the Citizens Advisory Committee

From: The Hoosier Environmental Council

Dear Planning Board and Citizen Advisory Members:

"The Hoosier Environmental Council salutes you for your work in progress toward developing a good 20-Year Solid Waste Management Plan. Our heartfelt belief is that the outcome of your work will have a more profound impact on the environment and the health of generations of citizens than any other in this century. We respect the thought and research that Solid Waste Planners used to sift through so many choices of Solid Waste alternatives.

The HEC hopes that the wishes of Bartholomew County district citizens will be a helpful guide in making some of the harder choices. We offer these 1293 petition signatures to you as a harvest of public opinion. The signers are all residents of Bartholomew County.

Limits of time and resources, that we have had to work under in our state-wide effort, allowed us to visit families in the district for only a few days; but we can relate, honestly, that right around 90% of all citizens contacted were eager to sign the petitions and endorse the values expressed on the petition as their own. Interestingly, that is the same percentage of citizens in other communities across the county who voluntarily sign on to curb side recycling programs.

Thank you for the work you are doing and thank you for accepting this pen and ink voice of the people. The petitions are meant as official public comment on the draft solid waste management plan during this public comment period."

Respectfully,

THE HOOSIER ENVIRONMENTAL

## COUNCIL

The petitions were then presented to the Board by Mr. Renshaw.

President Totten then closed the public hearing portion of the meeting pertaining to the 20-Year Solid Waste Management Plan.

The floor was opened for comments on the proposed landfill site.

Curt Morrison told the gathering he was a newcomer to the area. Prior to moving here he had gone through a landfill site change which was somewhat painful. He doesn't have major comments regarding what is being done. He expressed his sympathy to those individuals having to make the decisions. It is difficult to find enough acreage with the proper geological characteristics. We know the proposed landfill area is basically sound and would be more economical to develop than seeking an alternate site. The medical waste problem should also be included in the plan.

Rick Graham inquired as to the whereabouts of the boring reports.

President Totten stated the borings had been completed and the data was being reviewed at this time.

Carolyn Pool commented she had had a couple of Commissioners tell her this shouldn't be a personal matter. However, she feels you can't get any more personal than the landfill as it effects her family, her home and environment. Ms. Pool stated this is a political game.

Bob Smith complemented the government agencies and businesses and the public for all of their desire to be present and to proceed with the 20-Year Solid Waste Management Plan. Mr. Smith complemented Dick Wigh on the Plan. Also, he thanked the Board for scheduling

evening meetings enabling individuals to attend.

President Totten announced the next meeting of the Solid Waste Management District Board to adopt the final 20-Year Solid Waste Management Plan and conduct their regular July meeting has been scheduled for July 1, 1992 at 7:00 p.m. in the Council Chambers.

There being no other business to come before the Board the meeting was adjourned.

SUBMITTED BY SUE R. PARIS  
SECRETARY-SOLID WASTE MANAGEMENT  
DISTRICT BOARD

## NOTICE OF MEETING


The Solid Waste Management District Board will hold a meeting in the County Council Chambers, at the Bartholomew County Governmental Office Building, 440 Third Street, Columbus, IN 47201, at 7:00 o'clock p.m. on Wednesday, July 1, 1992 for the purpose of:

1. Formal Adoption of the 20-Year Solid Waste Plan.
2. Other business which may come before the Board.

## CERTIFICATE OF POSTING AND PUBLIC NOTICE OF MEETING

I certify and affirm under the penalties for perjury that the above notice was posted on the door of the Council Chambers, at the Bartholomew County Governmental Office Building, 440 Third Street, Columbus, IN 47201, from 8:00 a.m. on Wednesday, June 17, 1992 to 7:00 p.m. on Wednesday, July 1, 1992 when the meeting referred to was held.

I further certify that public notice of the date, time and place of said meeting was given at least 48 hours before said meeting by depositing in the U. S. Mail with postage prepaid or by delivering notice to all news media which have filed by January 1 an annual written request for such notice with the Board of Commissioners of the County of Bartholomew, Indiana.

  
Sue R. Paris, Auditor  
Bartholomew County, Indiana

SOLID WASTE MANAGEMENT  
DISTRICT BOARD MINUTES  
JULY 1, 1992

The Solid Waste Management District Board met on July 1, 1992 in the Council Chambers at 7:00 p.m. The meeting was called to order by Board President Mike Totten. Other Board members present were Tom Harrison, Gail Greathouse, Juanita Harden, Marvin Finke, Bob Stewart, and Vernon Jewell. Attorney Joe Thompson and Auditor Sue Paris were also in attendance.

The purpose of tonight's meeting was to adopt the 20-year solid waste management plan.

Jim Murray, Solid Waste Management Authority Administrator, told the gathering that the comments from the June 18 meeting/public hearing had been incorporated into the plan. There are five original copies of the 20-year plan to be signed tonight; three must go to State; one to Jim Murray and one to President Mike Totten. Copies will be prepared in 10-14 days and delivered to Board members, Attorney Thompson, Auditor Sue Paris, and the County Library.

Jim Durham, President of the Solid Waste Advisory Committee, reported a meeting of the Advisory Committee had been held the past Thursday and Dick Wigh had reviewed the changes in the plan with the Committee. The Committee recognized and complemented the City of Columbus for their foresight in including funds in the '93 budget for '94 to purchase a new truck to collect recyclables on a voluntary basis. The curb side pick-up of recyclables will occur every two weeks at no additional cost. Mayor Stewart commended Steve Brown and Greg Hartwell for their enthusiasm and assistance in the development of the plan; along with the City Council for supporting the plan.

Jim Murray addressed the comment regarding siting of a landfill being included in the plan stating there is no criteria spelled out for siting of a landfill. However, the plan states that EPA guidelines will be followed. The public involvement aspect is also included.

Vernon Jewell made a motion to adopt the 20-year solid waste management plan as written and amended. Juanita Harden seconded the motion which unanimously passed.

Additional comments were then heard from the audience.

Elizabeth Wire stated Mr. Totten's recent quote in The Republic referred to the "Families Against Landfill" as "LULU". This is very inappropriate for FAL. Mrs. Wire recalled a childhood phrase "Sticks and stones may break my bones but words can never harm me". However, this isn't true, words can be used to have a very detrimental and degrading effect on people. FAL doesn't want a landfill in their backyard, but they don't want a landfill in Mr. Totten's backyard either. FAL doesn't believe a landfill belongs in anyone's backyard. They do believe this is an improper land utilization and they are trying very hard to prove to Mr. Totten and the Board members what seems to be common sense to most people in the County.

Everyone has been very busy with preparation of the 20-year plan. Although there are things in the 20-year plan that FAL would like to have seen handled differently, all in all, they are pleased with the end result. Part of the reason for feeling comfortable with the 20-year plan is that the Advisory Committee was willing to address the concerns of FAL and work to make appropriate changes. Now that the 20-year plan has been completed the FAL only hope that the Solid Waste Management District Board members will be willing to work with

them in the coming weeks.

Mr. Totten responded to the "LULU" quotation indicating the same stood for "Locally Unacceptable Land Use" and does not refer to any person or group of people. The sole purpose for sharing this acronym was to bring some levity to the situation.

Board member Marvin Finke stated he felt the SWMD Board would be remiss if other sites are not being explored. Valuable time is being wasted should the proposed expansion site not be a go.

Mike Coleman thinks that now is the time to look for more sites. Mr. Coleman doesn't understand why additional sites are not being placed on the table for discussion. Now would be a good time to address this issue and expressed disappointment that the same isn't being done at this time.

President Totten commented he believed that coming in cold to a meeting and being asked to discuss additional sites is not feasible at this time. However, since a Board member has expressed a desire to locate additional sites the same will be addressed at a later meeting.

Mike Coleman stated that in the 20-year plan, reference is made to forming a Site Selection Committee and he feels the time to form this Committee is now.

Board member Vernon Jewell does not want to move on new site selection right now. He doesn't have a problem with being careful in the approach taken. Options could be explored, but these options should not be made public. One site should be considered and explored. There are too many factors involved in placing a site under option for use as a potential landfill.

Mike Coleman stated the FAL aren't interested in receiving a listing of all potential landfill sites. However, after a reasonable



length of time, after a site selection committee does determine based upon certain criteria, some sites that are plausible for everybody, that the public would be asked to become involved. Not wait many months until after contracts have been signed, etc. to inform the public of the action taken. FAL understands the difficulty of placing numerous sites on the table for discussion.

President Totten stated the first step is to form a Committee to work from the base up considering what is best for residents in the local area.

Celia Dole inquired as to whether or not Board members would discuss the proposed formation of a Site Selection Committee amongst themselves.

Jim Murray commented on verbiage in the Plan regarding site selection. If a new site is to be looked at there will be a repeat of the site selection process. This includes appointment of a new Committee establishing location criteria, public meetings to review the process and selected sites, final selection and public planning and zoning. If the proposed expansion site doesn't go, there are other options to explore.

President Totten stated he was fairly certain Board members would be discussing this matter at a future time.

Jim Durham informed the Board that the Advisory Committee will be changing meeting times to a quarterly basis rather than monthly meetings. The next scheduled meeting will be held in September. The Committee will begin their review of the 20-year plan in March.

The next meeting of the Solid Waste Management District Board is scheduled for August 12, 1992 at 7:00 p.m. in Council Chambers.

There being no other business to come before the Board, the

meeting was adjourned by President Totten.

SUBMITTED BY SUE R. PARIS  
SECRETARY-SOLID WASTE MGT.  
DISTRICT BOARD

## NOTICE OF MEETING


The Solid Waste Management District Board will hold a meeting in the Recycling Center Building, 720 South Mapleton Street, Columbus, IN 47201, at 7:00 o'clock p.m. on Wednesday, November 18, 1992 for the purpose of:

1. Approve minutes of October 14 Meeting
2. Decision of Department of Environmental Management concerning the 20-year solid waste management plan
3. All other business which may come before the Board

## CERTIFICATE OF POSTING AND PUBLIC NOTICE OF MEETING

I certify and affirm under the penalties for perjury that the above notice was posted on the door of the Recycling Center Building, at 720 South Mapleton Street, and on the door of the Governmental Office Building, 440 Third Street, Columbus, IN 47201, from 5:00 p.m. on Monday, November 9, 1992 to 7:00 p.m. on Wednesday, November 18, 1992 when the meeting referred to was held.

I further certify that public notice of the date, time and place of said meeting was given at least 48 hours before said meeting by depositing in the U. S. Mail with postage prepaid or by delivering notice to all news media which have filed by January 1 an annual written request for such notice with the Board of Commissioners of the County of Bartholomew, Indiana.

  
Sue R. Paris, Auditor  
Bartholomew County, Indiana

The City/County Recycling Center Building  
is Wheelchair Accessible  
Please call 379-1510 for additional accommodations  
by November 17, 1992.

SOLID WASTE MANAGEMENT DISTRICT BOARD MINUTES  
NOVEMBER 18, 1992

The Bartholomew County Solid Waste Management District Board met on November 18, 1992 at the Columbus-Bartholomew Recycling Center, 720 South Mapleton, Columbus, Indiana. Board members present included Commissioner Vernon Jewell, Commissioner Juanita Harden, Mayor Robert Stewart, Tom Harrison, Gail Greathouse, and Mike Totten. Chairman Totten called the meeting to order at 7:00 PM. Others present included District Board Attorney Joe Thompson, Richard Wigh, Regional Services Corp., SWMA Chairman Jack Rubino, Jon Gard of The Republic, and several representatives of FOUL (Families Against Unsuitable Landfill Locations-- formerly FAL). SWMA staff James Murray and Carla Barrett served as acting Board Secretary.

Minutes of the October 14, 1992 meeting were unanimously approved on motion by Tom Harrison and seconded by Robert Stewart.

Mr. Totten asked for a briefing on the decision of the Department of Environmental Management (IDEM) concerning our 20 year Solid Waste Management plan. Mr. Murray stated that he has sent a letter to IDEM responding to their comments, suggesting changes and explaining where IDEM may have misunderstood items. He has scheduled a meeting with IDEM to discuss proposed revisions. After the meeting the plan will be revised. The procedure will then be similar to the original approval of the plan. The revised plan will be made available to the public for a 30 day period to receive comments. Adoption of the revised plan should occur at the January SWMA District meeting.

Mr. Wigh explained that IDEM's comments could be broken down into 4 categories: No, we don't feel that these changes are necessary, No, you are wrong, Yes, there were some calculation errors, and Yes, we

will change it.

Juanita Harden questioned if the minutes were being taken since Sue Paris and her staff were not in attendance. Mr. Totten explained that the minutes were being taken by SWMA staff.

Mr. Totten read into the minutes a letter he received from John Thompson, dated November 18, 1992. (A copy of this letter is attached.)

Mr. Totten requested permission from the board to proceed immediately with filing for the appropriate zoning change for the proposed expansion site of the Bartholomew County Landfill. Board discussion began with Juanita Harden asking Mr. Totten to explain the procedures involved. Mr. Totten explained the first step being a request to the Plan Commission for rezoning from Suburban Residential to Industrial Reserve. When rezoning has occurred, they would return to the Board of Zoning Appeals (BZA) for a variance to operate a sanitary landfill in the Industrial Reserve. Several other steps are involved that are open to the public. Mr. Totten is asking the Board's approval to proceed with the paperwork so that it may be filed post haste. Mr. Joseph Thompson stated that the deadline is Monday, November 23, 1992 to be placed on the December 16, 1992 agenda of the Plan Commission. Mr. Harrison motions to move forward with the filing of a zoning change with Mayor Stewart seconding.

Public comments: **Mike Coleman** (FOUL) states that the agenda was not clear concerning the contents of this meeting. He stated that the change of the meeting location may be perceived as an avoidance of the public's involvement. **Elizabeth Wire** (FOUL) states that the calendar of governmental events did not list this meeting. She noted that the

meeting location was not easy to find; and, that the archeological and geological surveys were not complete, and that the District Board has not received their report from John Thompson. She reiterated Mr. Coleman's agenda comment. District counsel Thompson commented that if the rezoning were to proceed it would not involve landfill issues. This would come before the Board of Zoning appeals at a later date, when there would be an application to use the site as a landfill.

Mr. Totten asked Mr. Murray to comment as to the omission of an advertisement in The Republic for this meeting. He stated that the Secretary provides meeting notices to the newspaper. From that point on it is the newspaper's responsibility to publish it. He is aware of previous omissions by The Republic concerning other governmental meetings.

Mr. Totten asked Joe Thompson to clarify if the District Board can proceed with a vote concerning rezoning. Mr. Thompson stated there is no problem legally. The meeting notice was advertised as required and the agenda was in order.

Mayor Stewart asked if the Plan Commission says no, what is time frame. Joe Thompson answers by stating that if a favorable recommendation received from the Plan Commission is passed on to the County Commissioners recommending a rezoning, the Commissioners may either adopt an ordinance that would rezone according to the Plan Commission recommendation or they may do nothing and take it under advisement for 90 days. If no action is taken within 90 days the rezoning becomes official, automatically. If the County Commissioners decide they don't want to rezone, they will have to return it to Plan Commission for another review. If the Plan Commission recommendation

e, give it is the same process. The County Commissioners can  
le Plan Commission recommendation and adopt ordinance, or do  
ot ng.

Mike Coleman reiterates his concerns that many people would have  
led to know the rezoning issue was going to be discussed. Again  
tating that the meeting is taking place in a remote area. He further  
comments that Sue Paris is absent and SWMA taking minutes "doesn't  
look good".

Commissioner Harden states that the meeting location was  
announced at the October District meeting.

Joe Thompson adds that there are three different types of  
Industrial Zonings: 1 - Industrial Reserve, 2 - Industrial #1, 3 -  
Industrial #2. The least restrictive of all is Industrial #2, then  
Industrial #1, with the most restrictive being Industrial Reserve.  
Industrial Reserve zoning would require a site plan of the proposed  
use to be presented to the BZA with buffer requirements. It was  
thought to be more appropriate to be rezoned Industrial Reserve to  
protect the property owners around the area, than if it were rezoned  
for either of the other categories. The present landfill site is  
Industrial Reserve, this will be consistent.

Liz Wire states that the District Board is passing them along and  
pacifying them while proceeding with no regard to their opinions on  
this issue. She doesn't feel that the District Board has made any  
attempt to furnish the public with information needed to consider  
whether they agree with their proceedings.

Mike Coleman states he believes Mike Totten's "post haste"  
comment means his mind was made up before this meeting, regardless of

what the public might have to say.

Commissioner Harden expressed her desire to abstain from the vote to proceed with a request for rezoning.

The original motion, made by Mr. Tom Harrison to proceed with filing the request for rezoning to Industrial Reserve, was revisited. The vote on the motion passed unanimously with one abstention (Commissioner Juanita Harden).

There being no further business, the meeting was adjourned upon a motion made by Mayor Stewart, and seconded by Mr. Tom Harrison.



MONDAY



### **Wild Card Winners**

Eagles, Buffalo advance – B1



### **Firing Blanks**

Gun controls don't work – A4

# THE REPUBLIC

Columbus, Indiana

January 4, 1993

## **NOTICE OF AMENDED PUBLIC HEARING and Plan Availability**

The Solid Waste Management District Board will hold a Public Hearing on Wednesday, January 27, 1993 at 7:00 p.m. in the Governmental Office Building, 440 Third Street, 1st Floor Commissioners' Chambers, Columbus, Indiana. The purpose of the meeting is to receive public comments on the revised version of the Bartholomew County 20-Year Solid Waste Management Draft Plan.

Copies of the Draft Plan are available for your review at the Bartholomew County Library reference desk, or at the Solid Waste Management Authority (SWMA) office at 720 S. Mapleton Street in Columbus. For more information, contact the SWMA at 376-2614.

## NOTICE OF MEETING


The Solid Waste Management District Board will hold a meeting in the County Council Chambers, at the Bartholomew County Governmental Office Building, 440 Third Street, Columbus, IN 47201, at 7:00 o'clock p.m. on Wednesday, January 27, 1993 for the purpose of:

1. Call to order and welcome new members
2. Establish regular meeting dates for 1993
3. Approve minutes of December 9, 1992 meeting
4. Public Hearing on Revised 20-Year Solid Waste Plan
5. Update on rezoning request (McNealy property)
6. All other business which may come before the Board

### CERTIFICATE OF POSTING AND PUBLIC NOTICE OF MEETING

I certify and affirm under the penalties for perjury that the above notice was posted on the door of the Council Chambers, at the Bartholomew County Governmental Office Building, 440 Third Street, Columbus, IN 47201, from 5:00 p.m. on Wednesday, January 13, 1993 to 7:00 p.m. on Wednesday, January 27, 1993 when the meeting referred to was held.

I further certify that public notice of the date, time and place of said meeting was given at least 48 hours before said meeting by depositing in the U. S. Mail with postage prepaid or by delivering notice to all news media which have filed by January 1 an annual written request for such notice with the Board of Commissioners of the County of Bartholomew, Indiana.

  
Sue R. Paris, Auditor  
Bartholomew County, Indiana

County Governmental Office Building  
is Wheelchair Accessible  
Please call 379-1510 for additional accommodations  
by January 26, 1993.

SOLID WASTE MANAGEMENT  
DISTRICT BOARD MINUTES  
JANUARY 27, 1993

The Solid Waste Management District Board met on January 27, 1993 in the Council Chambers at 7:00 p.m. The meeting was called to order by Board President Mike Totten. Other Board members present were Keith Sells, Gail Greathouse, Juanita Harden, Sylvia Kiel, Larry Kleinhenz and Bob Stewart. County Auditor Sue R. Paris and Attorney Joe Thompson were also in attendance.

President Totten welcomed new Board members Keith Sells, County Councilman; and Sylvia Kiel and Larry Kleinhenz, County Commissioners.

President Totten stated a regular meeting date and time for the Solid Waste Management District Board needed to be established for 1993. Bob Stewart made a motion setting the 1993 meeting schedule and time for the Solid Waste Management District Board on the second Wednesday of each month at 4:00 p.m. in the County Council Chambers. Juanita Harden seconded the motion which unanimously passed. Auditor Sue Paris is to advertise the meeting schedule.

The minutes of the December 9, 1992 meeting were approved on motion of Gail Greathouse and second by Keith Sells. The vote was unanimous.

President Totten stated the public hearing regarding the Revised 20-Year Solid Waste Plan is a part of tonight's meeting. Dick Wigh was asked to present the revisions to the Plan after which the public hearing will be held.

Wigh stated the draft of the original 20-Year Solid Waste Plan was adopted by this Board in July of 1992. The Plan was reviewed by the State and they returned the Plan requesting revisions to the same in October. The revisions were made in December and a draft was for-

warded to the State at the same time the Revised Plan was distributed to Board members and made available to the public as well. Wigh indicated he has been in touch with the State concerning their second review and they indicate the same is in order.

The changes requested by the State included an explanation of how the amount of waste generated in Bartholomew County was calculated. Wigh indicated this wasn't calculated. The information came from scale information at the Landfill Site as well as estimates provided by industry and commercial businesses as to the amount of material being recycled. Also, information regarding the amount of refuse being taken out of the County was available. There was no guessing as the data base was available.

The State had requested the addition of a statement dealing with surveillance be included in the executive summary. This was done through the use of some generic language. The State also asked for information as to when ordinances would be revised. A one year time allowance was specified in the Plan. Only one public comment had been received regarding the redraft of the 20-Year Solid Waste Plan. This came from the Advisory Board asking that some language concerning the ban of white goods at the landfill, and the establishment of a fee system for the recovery of CFC's from appliances, be included to reflect action already taken by the Solid Waste Management Authority.

Wigh indicated the 30 or so programs mentioned in the original draft of the plan as to what would be done to decrease disposal needs and increase source reduction and recycling received no comment from the State. These programs remain in tact.

President Totten asked if there were any questions from the Board at this time. There being none, the Public Hearing regarding

the Revised 20-Year Solid Waste Plan was opened.

Richard Eynon, Attorney for the Families Opposing Unsafe Landfill Location (FOULL), commented he wasn't sure of the criteria since he hadn't been involved in earlier meetings. He does have a couple of questions and assumes Mr. Wigh is the person who needs to answer them. In the Plan on page IV-35 needs some explanation--a paragraph states "the existing Bartholomew County Landfill was expanded by 24 acres in 1989 with operations beginning in 1990. The expansion satisfied a near term need for additional capacity and alleviated a serious shortage of soil cover material". Eynon asked if there was a record of how much capacity the 24 acres in 1989, from a public standpoint, was supposed to allow or provide? The second question then being; was that prediction correct?

Wigh responded that within the application forwarded to the State he recollected there was about 700 thousand yards of additional capacity added by that expansion. Roughly that equates to about 300 to 350 thousand tons of capacity. With the exception of a small change made in the State Permit that capacity has generally been realized.

Eynon responded--based on the history of the landfill, up to that time, how many years did you publicly state that particular expansion would provide to the County. Wigh recalled the expansion provided for three to five years capacity. Wigh stated we can never project how much tonnage of waste will arrive at the landfill. Also, the County chose to divert the Foundry sand from the landfill. However, due to a slow permitting process this didn't occur until 1991. Eynon inquired as to how long the Foundry sand was allowed to go into the landfill from the time the expansion was created; and, did or did

not that fill the capacity much, much quicker than anticipated. Wigh responded the Foundry sand was diverted in July of 1991. The expansion area began to be used in September of 1990. However, some of the Foundry sand was diverted to another area of the landfill where special permission was obtained to over fill the construction debris and Foundry sand. There is no record as to how much went to which section. The Foundry sand total accepted at the landfill is available for that period of time, but there is no record of how much went to the 24 acre expansion site or the over fill area.

Eynon stated in the Revised 20-Year Plan there are some bold statements as to how much capacity is available with a proposed expansion and with the way certain things are to proceed in the future. He is wondering, if in a public meeting it wouldn't be helpful to learn whether the predictions made two or three years ago were correct or not correct. If, in fact, the Foundry sand was the major contributor in filling up the expansion site or not. In gaining this knowledge he could follow through with wanting to know what happened with the sand and what's going to happen in the future. He feels these are matters which would be interesting to the public.

President Totten indicated this had been answered in that the longer than normal permitting process for the alternate Foundry site required the continued placement of Foundry sand in the landfill and on landfill property designated for construction debris and Foundry sand. The answer is, yes. More Foundry sand went into the landfill than was anticipated.

Wigh stated the Plan doesn't discuss past history. What it does is state there is a capacity remaining as of January 1, 1992 at the Landfill of so much tonnage. He cannot convert tonnage to time be-

cause he doesn't know how much solid waste will arrive at the landfill. In 1991, 56 thousand tons were accepted, excluding Foundry sand; in 1992 it was up to 65 thousand tons; part economic recovery, part private haulers reconsidering their options, etc. The Plan states as of that date there was 330 thousand tons of capacity left at the landfill. Portions of that are under the haul road the maintenance building and right above the scale house, in the frontal area. The County has elected not to utilize most of that area; but, to move back to the expansion area first. The Plan then goes on to calculate how many tons of refuse will be produced for the next 20 years.

Eynon stated, if he understood Wigh earlier, had stated it was impossible to predict in years; but, on page 34 of the Plan it indicates there is only about four years at the existing site. Therefore, he is curious as to how Wigh was able to come to a definitive year and place this information in the Plan; and, also inform the public of the same, including the statement there is potentially insufficient time to repeat the site selection process should the proposed site not go through. He would like clarification on those two statements.

Wigh stated there was a report produced, he believes in 1991, which looked into volumes of landfill usage based on records for the past year, since a scale had been installed. This report indicated there was perhaps four to five years of capacity left. Due to many unknowns that four years should be used as a planning period. The Plan says about four years. Foundry sand is no longer going into the landfill site.

Eynon stated he understood an alternative to a new location of any landfill, whether it be an expansion or anywhere else, is to bring in additional tonnage of soil that would build up the existing site to

allow for additional dumping. This would, according to someone's predictions, allow another four to five years of life at the present site. This has been done at other sites and is a feasible situation.

Wigh stated that may not be true anymore as a new set of rules is coming through. Eynon asked whether the 20-Year Plan needed to be modified and this statement taken out of the Plan contents. Wigh indicated until the new rules come through he cannot comment as the State has until October of 1993 to modify their rules. Eynon stated on page V-13 it is indicated that with modifications it could remain at the site without the new adjoining site selection and allow continued operations at the site until about the year 2001. Assuming the regulations don't change and modifications are made to the present site, this is feasible.

Eynon referenced page IV-35 it is indicated in June of 1989, a study committee was formed for the purpose of siting replacement capacity. That committee's recommended site was not obtained. In early 1992, the District board signed an option to purchase a tract of land adjoining the existing landfill. Eynon expressed curiosity in knowing why the committee's recommended site was not obtained; whether the committee was in existence from 1989 through 1992; what results they had, etc.

Wigh indicated the study committee was formed in June of 1989, including himself, and worked through November or December of '89, as he recalls. The end result being that, out of the sites proposed, the County could only negotiate on one site; as only one property owner was willing to sit down and talk. Eynon asked for any documentation regarding these instances. Wigh indicated this was a very informal committee and most contacts were made via phone. Eynon inquired as to



whether there was more than one site selected by this committee and whether a listing of the same had been made. Wigh indicated there had been some written material. Eynon inquired as to whether or not the committee made any recommendations as to what the criteria should be in the selection of a landfill site. Wigh indicated there had been criteria for selection of a proposed landfill. At this time Wigh indicated he felt the public hearing was beginning to be more of a Court hearing than a public hearing.

Totten stated he felt we were out of public hearing as it pertained to the solid waste plan. With Board permission we can reopen this discussion later in the meeting if Eynon feels he must.

Eynon replied, he didn't feel he must anything, he just wants answers to items included in the 20-Year Plan. He doesn't want to be belligerent, or get anyone upset. He has asked this about fifteen times and when it appears in the 20-Year Plan and there was a committee formed in 1989 and he hears it was abruptly stopped or terminated in '89 and then the next site that was selected was an option in '92; one must wonder what somebody did, if anything, from the end of '89, or whenever the committee was terminated, in order not to find another site up until 1992; especially when the plan talks about the emergency of not having enough capacity at the landfill.

Eynon stated if it isn't appropriate to talk about this now, tell him and he'll sit down. Wigh indicated there were sites located, numbering into the teens and owners were contacted to see if they would be interested in negotiating with the County for the sale of their property as a potential landfill site. Only one owner said, yes. Sites were listed by number but there was no prioritizing of site selections.

President Totten closed the public hearing at 7:31 p.m. No questions came from Board members.

Wigh stated the Revised 20-Year Plan needed to be returned to the State by February 1, 1993 and he would need a Resolution signed adopting the new draft as part of tonight's proceedings. Sylvia Kiel made a motion adopting the Revised 20-Year Plan as discussed this evening and to sign the Resolution indicating the same. The Plan and Resolution needs to be returned to the State by February 1, 1993. Keith Sells seconded the motion which unanimously passed.

President Totten gave a brief overview of the rezoning request for the McNealy property. This request went before the Bartholomew County Plan Commission; and, Totten commented--I guess you would say a good time was had by all, right. The vote was four/four regarding the McNealy rezoning. The McNealy rezoning request was forwarded to the County Commissioners without a recommendation. The McNealy rezoning was tabled by the Commissioners at the meeting held January 25, 1993.

President Totten asked Dick Wigh if he was prepared to discuss the Review and Analysis of Bartholomew County Landfill Expansion site report prepared by Simon Hydro-Search, Inc. Wigh indicated the report was pretty extensive and technical.

Wigh stated he would like everyone to understand that what has been done as far as geological investigation of that site is preliminary information just to see whether we should proceed on the rezoning. The investigation was a preliminary set of borings; it is not a set of borings for an application; it is a quick look see. The reason for not going with extensive investigation at this time is because of cost.

The level of investigation requested or recommended in the Re-

ew and Analysis of Bartholomew County Landfill Expansion by Simon Hydro-Search, Inc. is done as a part of the Environmental Permit Application to the Indiana Department of Environmental Management. They requested or recommended several things:

1. Substantial additional efforts be put into site characterization of the '92 expansion area.  
We are required by regulation to do a much more extensive study of the area.
2. Conditions surrounding the existing facility should be re-evaluated.  
That was revisited in 1991 and an entirely new monitoring well system was put in at that time.
3. Additional head mapping toward Petersburg.  
Wigh is in agreement--this must be done as a part of the application.
4. Conductivity measurements in both the bedrock and overburden. Yes, this is a mandatory requirement of any application.
5. Aquifer (pump) testing of bedrock aquifer with monitoring points. Wigh stated this isn't always done. If sufficient understanding is gained with putting in small diameter wells of the aquifer system, then typically an aquifer pump test is not run. If it is confusing, or any insufficient information develops, then the pump test is done.
6. Installation of additional piezometer nests to further map the third dimension of the flow system.

Wigh stated all of the above things are planned to be done, if the decision to proceed with the proposed landfill site is made. Also recommended was that tritium analyses be run on landfill monitoring wells and selected private wells. This is an option item and what this is--is time dating of your groundwater. Overall the recommendations are sound. They are within the normal program of what you would do and how you would proceed. Wigh recommended the procedures and in many cases they are required.

Wigh stated early investigation ruled out that shallow, or high ground water levels, would cause problems in construction. The facility is constructed with a synthetic liner, underlaid with a soil lin-

er, and leaving some natural soil above the bedrock which forms the aquifer for the area. The second system, or backup system, is a monitoring well system around that landfill facility. The reason for doing all of this, once that preliminary investigation is done, is to design that monitoring well system to be sure it doesn't leak.

Another item mentioned which can be improved upon begins to gather on the range of how fast groundwater moves. Essentially it says that groundwater, as they project, would move the 600' of mandatory setback in anywhere from seven to 50 years. This gives you some idea of how slow flowing groundwater is. There is plenty of time to take action on this matter.

Keith Sells asked about prohibitive cost, whether Dick Wigh had cost figures. Wigh stated the normal costs would total \$50 - \$100 thousand for the hydro geological portion of the landfill application, depending on the size of the site. The work which has been done on the proposed site has been done in a manner acceptable to the State.

President Totten announced SWMA Director Jim Murray was not attending tonight's meeting as he was in Indianapolis for a work shop. New legislation is pending regarding outdoor compost of yard waste and Murray wanted to stay for that work shop this evening.

Public Comments:

Rich Eynon--

1st, "a good time was not had by all." This is a very serious matter to his people and asked that Mr. Totten never repeat this to them.

Mike Totten apologized to the crowd of people who would be affected by the landfill expansion.

2nd, Dick Wigh's report on study of the landfill site was not on the agenda and was hidden under "All other business which may come before the Board". Because of it being hidden, as an attorney, Eynon cannot respond to the same. There were two things he heard which came out of the report. 1) they respect Chuck Norris and

the company out of Denver as he is one of the finest hydro engineers in this country. 2) the report was not "a dump this particular parcel report"; it was a report which states what needs to be done. What wasn't said was that the monitoring wells, as set up now, are not in a position to determine contamination of the water flow which goes in a certain direction.

3rd, This seems to be a heck of a way to run a business. He is hearing that we aren't sure this would be a good site or bad site. The preliminary studies look fine. These people are going through a bunch of hell in their lives--it affects every part of their lives. Eynon stated the various steps could be taken and after all testing is completed the site could be determined not to be satisfactory for a landfill site. Eynon encouraged the SWMD Board to abandon this site as a landfill expansion site.

Cecilia Dole, FOULL member, commented regarding the Monitoring system as a back-up. She, too, would have liked the Simon Hydro-Search, Inc. to have appeared on the agenda. Perhaps Mr. John Thompson of the Central States Education Center could have been present to comment. She feels the monitoring well system is a warning system not a backup system. The comment that seven to 50 years for water flow contamination was plenty of time--this isn't slow in geologic time this is fast.

President Mike Totten stated sometime this afternoon he had requested that Mr. Wigh give a brief perusal of the Simon Hydro-Search, Inc. Report as we had only received one copy and he realized that Board members would be extremely interested in the contents of the report. The intent was to bring Board members up to date.

Mike Coleman, FOULL member, commented regarding the 4:00 p.m. meeting time for future SWMD Board meetings. However, if, in fact the SWMD Board does want public participation the meetings need to be scheduled at 7:00 p.m. Mr. Coleman wants the meetings to be held at 7:00 p.m. permitting public participation and requested that they be

scheduled for that time during 1993.

Robert Smith, FOULL member, commented concerning the water flow from the existing landfill and whether the water has been flowing for 20 years toward their wells.

Wigh commented that the records kept over the past two or three years describe the flow from the existing landfill (sort of where the maintenance building is located), a groundwater high, from there northward, to be generally to the east toward Clifty Creek and to the west going southwest from that high and also to the south. There is a floodplain on the south side of S.R. 46 and there is high ground on the north side. The flow is always to the low ground. There is flow generally to the southwest from the existing site as well as the proposed site.

There being no other business to come before the SWMD Board the meeting was adjourned by President Mike Totten.

SUBMITTED BY SUE R. PARIS  
SECRETARY-SOLID WASTE MGT.  
DISTRICT BOARD

BARTHOLOMEW COUNTY  
SOLID WASTE MANAGEMENT DISTRICT  
CITIZENS ADVISORY COMMITTEE

AGENDA  
JUNE 25, 1992

Columbus City Hall - Conference Room 3  
7:00 p.m.

1. Call to Order  
Roll Call
2. Old Business  
None  
May 28, 1992 Meeting -- No Quorum Was Established
3. New Business
  - Discussion Regarding the Final Draft  
of the Bartholomew County Solid Waste  
Management Plan -- CAC, D. Wigh
  - Future Meeting Schedule of the CAC
  - Discussion Concerning Election of Officers.
4. Next Meeting Date -- To Be Established
5. Adjournment

MINUTES OF THE REGULAR MEETING  
OF THE BARTHOLOMEW COUNTY SOLID  
WASTE MANAGEMENT DISTRICT  
ADVISORY COMMITTEE (AC)

The June 25, 1992 Advisory Committee Meeting was held at 7:00 p.m. in City Hall, 123 Washington Street, Columbus, Indiana in the First Floor Meeting Hall.

Members Present: Rosanne Watson  
Dan Arnholt  
Jim Durham  
Greg Hartwell  
Lou Poppa  
Patty Unrue  
Greg Littleton  
Tammy Hines

Also Present: Richard Wigh  
Jim Murray

Visitors: Mike Coleman  
(Families Against Elizabeth Wire  
Landfill) Mable Walsh

A motion to accept the minutes from meeting of April 23, 1992 was made. Motion passed.

Mr. Richard Wigh reviewed the Twenty Year Plan. He touched on the few final changes that were made. One change would be bi-weekly curbside recycling to begin by mid-1994 for the City of Columbus.

Jim Murray announced that the new recycling center will be open Tuesday, Thursday and Saturday beginning mid-July. Their goal is to be opened five days per week (Tuesday thru Saturday) by 1993.

Jim Murray noted that the plan to collect all white goods to divert them from the landfill has found a stumbling block. The Kroot Corporation has decided to stop accepting white goods because of the release of CFC's that is involved with destroying refrigerated appliances.



page 2

Jim Durham read several letters that have been received recently. Each were discussed and noted. They were entered into the minutes of this meeting.

Each board member commented on the plan. Most members agree that the foundry sand is a sticky issue. All members agree that the plan is excellent and commend Regional Services and especially Dick Wigh for their exemplary efforts.

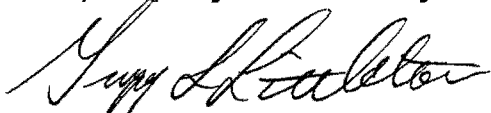
Visitors Elizabeth Wire and Mike Coleman made a few comments. Mr. Coleman read a letter from Hoosier Environmental Council. Jim Durham asked Mr. Wigh to include it in the plan.

Jim Durham proposed that our meeting be changed to quarterly That March, June, September, December be the meeting months starting in September, 1992. A motion was made and carried

Our boards annual review will begin in March 1993.

Meeting adjourned 8:20 p.m.

Respectfully Submitted By



Gregory L Littleton

2872 N. Karen Court  
Columbus, IN 47203 --  
June 24, 1992

Mr. James Durham  
Solid Waste Management Advisory  
Committee  
Columbus, IN 47201

In Re: Bartholomew County 20-Year Solid Waste Plan

Dear Mr. Durham:

Once again, thank you to you and the other members of the committee for your work in developing this plan. I am sure you will all breathe a big sigh of relief after Thursday night's meeting.

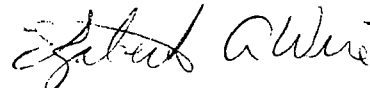
I understand the County is anxious to submit this plan to the State by the July deadline, but I was hoping the committee would set out some landfill siting requirements in the plan. If the committee does not choose to address the issue at this time, I would like to have my request noted in the public comments section of the plan.

Since the plan is considered to be an evolving document and annual reviews have been promised, I believe it is important that at least the following items regarding site selection be addressed in the next revision of the plan:

1. The site selection process should be open for public input and comment. The expedient process is not necessarily in the best interests of the public.
2. A proposed site should meet or exceed the minimum requirements set out in the EPA suggested guidelines.
3. The geology of the proposed site should be considered with a long-term view toward safety first and should factor in a safe margin for error.

These items are just a sampling of the factors I hope the committee will consider when the plan is reviewed next year. It is important for the plan to set forth a carefully thought out site selection process that reflects a genuine concern for the safety and well being of the citizens of this district, because the District Board has been unable to do so.

Very truly yours,



(Mrs.) Elizabeth A. Wire

**HOOSIER ENVIRONMENTAL COUNCIL****Comments on Draft Solid Waste Management Plan  
Bartholomew County Solid Waste Management District****June 18, 1992**

On behalf of the members of the Hoosier Environmental Council residing in Bartholomew County we submit the following Comments on the Draft Solid Waste Management Plan.

HEC basically approves of the plan. There are certain suggestions that we feel would make the plan a better one.

Curbside collection for recyclables should begin now instead of 1996. The numbers used in the draft plan to weigh against curbside collection have no meaning unless one knows the content of the waste that is being picked up.

We would also suggest and encourage the District to go to volume based user fees as this is the fairest approach to people willing to do the work of recycling.

As for the landfill expansion: HEC does not nor ever will condone putting a landfill expansion on or near wetlands.

The Bartholomew County Solid Waste District Plan has many strong points and great potential. By considering the above suggestions this plan could be a model for the state. HEC hopes that these suggestions will help the District further refine the plan. The HEC staff is available to assist you in the finalization of the solid waste plan for the District. We thank you for this opportunity to comment.

*Presented by: Michael A. Coleman "Families Against Landfill"*

Cecilia A. Doell  
9606 E. Randal St.  
Columbus, IN 47203  
June 23, 1992

Mr. James M. Durham  
Solid Waste Management Advisory Committee  
11425 S. Jonesville Rd.  
Columbus, IN 47201

Dear Mr. Durham:

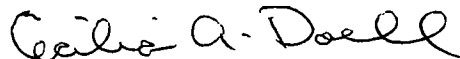
Today I am writing to you to express two final thoughts concerning the 20 year plan.

First, I would like to say that I was quite pleased with the changes and additions that have been made to plan. They did not only improve the document but also showed that you were listening to our comments.

Second, I wish to state that I would have liked to have seen the site selection criteria or guidelines put into the plan. At the SWMDB meeting on June 18, 1992 you stated yourself that perhaps they should have been included and I agree.

Thank you again for all the long hours and hard work that the Advisory Committee put into this.

Sincerely,



Cecilia A. Doell

cc: Mr. John Thompson

Cecilia A. Doell  
9606 E. Randal St.  
Columbus, IN 47203  
June 8, 1992

Mr. James M. Durham  
Solid Waste Management Advisory Committee  
11425 S. Jonesville Rd.  
Columbus, IN 47201

Dear Mr. Durham:

This letter is being written today to officially request:

Notice in writing of all upcoming meetings which in any way  
pertain to the Petersville landfill, the proposed expansion  
or the 20 year plan.

We realize that the plan is written and most of your work is done.  
But recently several of the organizations which deal with the  
landfill have:

1. Changed meeting dates, times or places.
  2. Failed to have meetings listed in the Republic.
- and/or
3. Failed to notify anyone with FAL of the changes.

It is understood that these occurrences may not have been in any  
way your fault but it has caused a feeling of concern for many.  
So, we feel it necessary to request the information in writing.

Please send notices to the following people:

Cecilia Doell  
9606 E. Randal St.  
Columbus, IN 47203

Samuel Ardery  
Bunger, Robertson, Kelley & Steger  
226 S. College Square  
Bloomington, IN 47402

Butch Brown  
10433 E. 200 N.  
Hope, IN 47246

Mike Coleman  
2890 N. Rogers  
Columbus, IN 47203

Linda Foster  
2912 Karen Ct.  
Columbus, IN 47203

John Thompson  
Central States Education Center  
809 S. 5th St.  
Champaign, IL 61820

If an agenda is available at the time the notice is sent, please include it. Thank you. We appreciate your attention in regards to this matter.

If you have any questions or comments, please contact me. My home phone is 372-4572 and my office phone is 378-3366 x 208.

Sincerely,



Cecilia A. Doell  
F.A.L.

cc: Mr. John Thompson

2771 N. Rogers St.  
Columbus, IN 47203  
June 24, 1992

Mr. James M. Durham  
Solid Waste Management Advisory Committee  
11425 S. Jonesville Rd.  
Columbus, IN 47201

Dear Mr. Durham:

This letter is to state a comment concerning the 20 year plan.

I would have liked to have seen the landfill site selection criteria put into the plan. From what I heard at the Solid Waste Meeting on June 18th, it sounded as if you think it should be in there too.

Thank you and the Advisory Committee for all of your hard work. We appreciate it tremendously.

Sincerely,

*Mable Walsh*

Mable Walsh

Dear Solid Waste Planning Board Members,

I would like to officially comment on the Solid Waste Draft Plan for Bartholomew County during the Public Comment period.

I urge you to:

1) Maximize curbside, source-separated recycling & reduction programs, countywide.

2) Insist on making all solid waste decisions, & postpone any landfill siting decisions until a thorough siting study is complete.

3) Speed up the deadlines for implementing recycling & composting programs.

4) Encourage & follow a strong, aggressive market development program within Bartholomew County for our recyclables.

Thank you for your good work on our behalf.

Sincerely,

Sara L. Shelton

2685 Chestnut St

Columbus, In

47201



City of Columbus - Bartholomew County

**Solid Waste Management Authority**

720 South Mapleton Street

Columbus, Indiana 47201

(812) 376 - 2614

June 23, 1992

CERTIFIED MAIL P 642 832 205  
RETURN RECEIPT REQUESTED

Mr. Timothy Method  
Assistant Commissioner  
Office of Solid and Hazardous Waste Mgmt.  
Indiana Department of Environmental Mgmt.  
105 South Meridian Street  
P. O. Box 6015  
Indianapolis, IN 46206-6015

Dear Mr. Method:

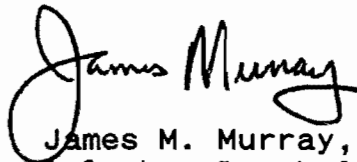
On behalf of the Bartholomew County Solid Waste Management District, I am writing to request your assistance in the finalization of our Solid Waste Management Plan. Our District has enjoyed the advantages of an active, concerned Board of Directors, an informed and enthusiastic Advisory Committee, and a well established City-County Solid Waste Management Authority. Our plan is nearly finalized. On June 18, 1992, we conducted our public hearing. In order to consider the comments received and make the necessary final revisions, the District Board's public meeting to adopt the final plan cannot occur until July 1, 1992. Therefore, delivery of copies of our final plan may not reach your office until July 2.

We regret any inconvenience this may cause for you or your staff. We have provided an interim draft copy of our plan to

Mr. Timothy Method  
Assistant Commissioner  
Office of Solid and Hazardous Waste Mgmt.  
Indiana Department of Environmental Mgmt.  
June 23, 1992  
Page 2.

your staff for their preliminary consideration. Please feel free to contact my office with any questions.

Sincerely,

A handwritten signature in cursive script, reading "James M. Murray".

James M. Murray, Administrator  
Columbus-Bartholomew Solid  
Waste Management Authority

cc: Ms. Cindy Clendenon, IDEM  
Bartholomew County SWMD Board  
Bartholomew County SWMD Advisory Committee  
Ms. Carla Barrett, SWMA

BARTHOLOMEW COUNTY  
SOLID WASTE MANAGEMENT DISTRICT  
CITIZENS ADVISORY COMMITTEE

AGENDA  
May 28, 1992

Columbus City Hall - Conference Room 3  
7:00 p.m.

1. Call to Order  
Roll Call
2. Old Business  
Approval of April 23, 1992 Meeting Minutes
3. New Business  
Regional Services Update on Final Draft - D. Wigh  
Review of Advisory Committee Comments  
Open Items for Discussion
4. Next Meeting Date - June 25, 1992  
District Board Public Hearing on the Plan - June 10, 1992
5. Adjournment

MINUTES OF THE REGULAR MEETING  
OF THE BARTHOLOMEW COUNTY SOLID  
WASTE MANAGEMENT DISTRICT  
ADVISORY COMMITTEE (AC)

The May 28, 1992 Advisory Committee Meeting was held at 7:00 p.m.  
in City Hall, 123 Washington Street, Columbus, Indiana in the  
City Council Chambers.

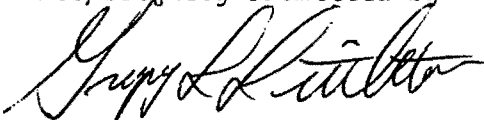
Members Present: Dan Arnholt  
Laura Fisher  
Greg Littleton  
Buck Ritz  
Greg Hartwell

New Member Tammy Hines

There were not enough members present to conduct meeting.

District Board Meeting will be June 18, 1992 (tentative scheduled)  
at 7:00 p.m. at the County Building

Respectfully Submitted By



Gregory L Littleton

BARTHOLOMEW COUNTY  
SOLID WASTE MANAGEMENT DISTRICT  
CITIZENS ADVISORY COMMITTEE

AGENDA  
April 23, 1992

Columbus City Hall - Conference Room 3  
7:00 p.m.

1. Call to Order  
Roll Call

2. Old Business  
Approval of February 27, 1992 Meeting Minutes and  
Approval of March 19, 1992 Meeting Minutes

3. New Business

Letters received by Mr. Jim Durham from several residents  
of the Royal View Subdivision - Request to make these  
letters part of the March 19, 1992 Minutes

Leadership Bartholomew County Initiative Report

Review of Regional Services input on the 20-Year Plan

4. Next Meeting Date - May 28, 1992
5. Adjournment

MINUTES OF THE REGULAR MEETING  
OF THE BARTHOLOMEW COUNTY SOLID  
WASTE MANAGEMENT DISTRICT  
ADVISORY COMMITTEE (AC)

The April 23, 1992, Advisory Committee Meeting was held at 7:00 p.m. in City Hall, 123 Washington Street, Columbus, Indiana in the 1st Floor Meeting Hall.

Members Present: Rosanne Watson  
Laura Fisher  
Bob Moats  
Lou Poppa  
Jim Durham  
Buck Ritz  
Bill Read  
Greg Hartwell  
Greg Littleton

Members Absent: Dan Arnholt  
Patty Unrue  
Ben Harker

Also Present: Jim Murray  
Richard Wigh  
Carla Barrett

A motion to accept the minutes from meetings of February 27, 1992 and March 19, 1992 was made. The motion passed unanimously.

Jim Durham reported that on April 9, 1992 he attended a conference for Citizens Advisory Committee Chairmen in Indianapolis. It was reported that approximately 1/3 of the committees was represented.

A procedure for checking the district plans was discussed. How to respond and/or handle the letters that our committee receives was discussed. Richard Wigh asked that he receive a copy of any letter that we receive. It was decided that all letters would be included in the minutes and the secretary would see that a copy of each letter be given to R. Wigh - Regional Services.

page 2

Six letters were read aloud by Mr. Durham and are included in the minutes of this meeting. These letters were briefly discussed and questioned by the committee and the audience.

Armen Stepanian, the Solid Waste & Environmental Recycling Policy Director of the Hoosier Environmental Council discussed his group and what it represents and how they gathered 3,403 signatures on a petition. Mr. Stepanian read his cover letter and his petition. The letter & petitions were entered into the minutes. The petition is available to the public at the office of the Solid Waste Management Authority, 440 Third Street, Columbus, Indiana 47201.

It was decided that Greg Littleton would continue as secretary through July 1, 1992.

Richard Wigh suggested that the public hearing to present our plan in its final form be held Monday, June 15 or Thursday, June 18. He stated that he would have the final plan available May 15, 1992.

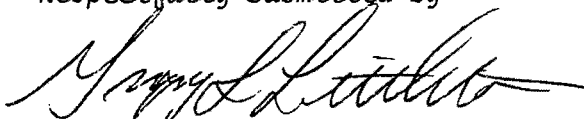
Mr. Wigh briefly discussed Section IV of our plan. This section was received by the committee the week before tonight's meeting. He summarized some of the goals that we have set to deflect waste from the landfill.

Committee members alternately made comments and suggestions concerning the plan as it stands and our ideas for the final sections.

Armen Stepanian presented the committee with copies of his book "The Soft Path Solution". It was decided that he would have approximately 30 minutes to talk about the contents of his book at our next meeting.

Meeting was adjourned at 9:35 p.m.

Respectfully Submitted By



Gregory L. Littleton

1002 East Washington Street  
Suite 300  
Indianapolis, Indiana 46202  
(317) 685-8800  
Fax (317) 686-4794



TO: Members of the Bartholomew County Solid Waste District  
Planning Board and the Citizens' Advisory Committee

FROM: The Hoosier Environmental Council

April 23, 1992

Dear Planning Board and Citizen Advisory Members,

The Hoosier Environmental Council salutes you for your work in progress toward developing a good 20-year Solid Waste Plan. Our heartfelt belief is that the outcome of your work will have a more profound impact on the environment and the health of generations of citizens than any other in this century.

We respect the thought and research that Solid Waste Planners use to sift through so many choices of Solid Waste alternatives. The H.E.C. hopes that the wishes of Bartholomew County citizens will be a helpful guide in making some of the harder choices.

We offer these 3403 petition signatures to you as a harvest of public opinion. The signers are residents not only of Columbus but communities throughout the County. The limits of time and resources that we have had to work under in our statewide effort did not allow us to visit every family in the District, but we can relate honestly that right around 90% of all citizens contacted were eager sign the petitions and endorsed the values expressed on the petition as their own.

Interestingly, that is the same percentage of citizens in other communities across the country who voluntarily sign on to curbside recycling programs.

Thank you for the work you are doing and Thank You for accepting this pen-and-ink voice of the people.

Respectfully,

The Hoosier Environmental Council

Petitions delivered  
by: \_\_\_\_\_

*Armen N. Stepanian*  
HEC. SWD Recycling Policy Director



Dear Solid Waste Planning Board,

We would like to officially comment on the Solid Waste Draft Plan for Bartholomew Co. during the public comment period.

We urge you to:

- 1) Maximize Curbside, Source-separated recycling and reduction programs, countywide.

Yes, people will be reluctant at first, but if government takes a firm stand, people always make change - take the seatbelt as an example, 10 years ago, most people never gave seatbelts a second thought, now most people do wear their seatbelts without even thinking about it. We have to start somewhere!

- 2) Insist on making all solid waste decisions, and postpone any landfill decisions until a thorough siting study is complete.

- 3) Speed up the deadlines for implementing recycling and composting programs.

4) Encourage and follow a strong aggressive  
market development program within  
Bartholomew Co. for our recyclables.

Thank you for your good work on  
our behalf!

Sincerely,

Kipton L. Howe

Leah J. Howe

Dylan J. Howe

Olivia K. Howe

~~2~~

Jeanne MacDougall MacArthur  
3920 Lantern Lane  
Columbus, Indiana 47203

April 15, 1992

All Board members of  
The Bartholomew County Solid  
Waste ~~the~~ management District  
c/o Mike Jotten, President  
Solid Waste Planning Board  
2227 Gilmore  
Columbus IN 47201

COPY

Dear Solid Waste Planning Board:

I would like to thank you for your good  
work in our county. I am interested in the  
Solid Waste Draft Plan for our county.

I urge you to:

- 1.) maximize curbside, source-separated  
recycling and reduction programs county-wide
- 2.) Speed the deadlines for implementing  
recycling and composting programs
- 3.) Focus on making all solid waste  
decisions, and postpone landfill siting  
decisions until a thorough siting study is  
complete.
- 4.) Follow and assume a strong aggressive  
market development program within our county  
for our recyclables.

Thank you for your time.

Sincerely,  
Jeanne MacArthur

April 7, 1992

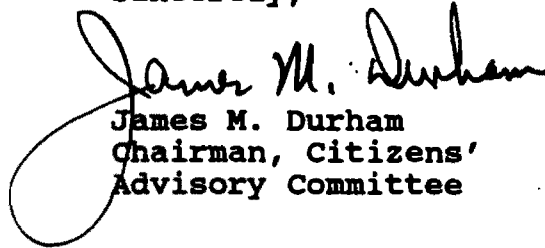
Mr. Michael R. Coleman  
2890 North Rogers Street  
Columbus, IN 47203

Dear Mr. Coleman:

In accordance with the request contained in your letter of 27 March, I am requesting, by providing him a copy of this letter, that Jim Murray provide you with one copy of each draft change to the 20 year plan. Please be aware that these changes are normally received once per month.

As an aside, I believe that Jim stated in a letter to you dated March 23 that he would provide these changes.

Sincerely,

  
James M. Durham  
Chairman, Citizens'  
Advisory Committee

JMD/jb

cc: Mr. James M. Murray

March 27, 1992

James Durham  
11425 S. Jonesville Road  
Columbus, IN 47201

Dear: James

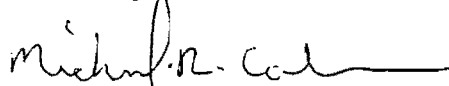
I want to thank you for allowing me and our membership to speak at your Citizens Advisory Committee Meeting last week. I found the information pertaining to recycling goals and the twenty year plan very interesting.

Your group's efforts towards this twenty year waste management plan are appreciated. Any update or changes to this plan are important to us and we would like current copys of these changes forwarded to our membership. They can be sent to my attention, Mike Coleman at the following address: 2890 N. Rogers Street, Columbus, IN 47203. This will allow me and others a chance to review this information prior to attending the Advisory meeting.

I would like to take this time to mention the landfill site issue. We do not feel that there is any value in mentioning the expansion of the Petersville landfill in this twenty year plan. Once again, this will do nothing more than discourage other options. Since location of a landfill is not required in this plan we believe that the county's best interest will be better served by the absence of this information in the plan.

Your committee seems to be made upon solid leadership, dynamic and enthusiastic members, dedicated to a common goal. Your devotion to this committee is greatly appreciated.

Sincerely,

A handwritten signature in dark ink, appearing to read "Michael R. Coleman", with a long horizontal flourish extending to the right.

Michael R. Coleman



# THE LANDFILL EXPANSION

9606 E. Randal St.  
Columbus, IN 47203  
April 16, 1992

Mr. James Durham  
11425 S. Jonesville Rd.  
Columbus, IN 47201

Dear Mr. Durham

I would like to officially comment on the Solid Waste Draft Plan for Bartholomew County during the Public Comment Period.

I urge you to:

1. Maximize curbside, source-separated recycling and reduction programs, countywide.
2. Insist on making all solid waste decisions, and postpone any landfill siting decisions until a thorough siting study is complete.
3. Speed up the deadlines for implementing recycling and composting programs.
4. Encourage and follow a strong, aggressive market development program within Bartholomew County for our recyclables.

Thank you for your work on our behalf.

Sincerely

Cecilia A. Doell

Cecilia A. Doell

cc: Jim Durham

## NO MORE BROKEN PROMISES

2850 N. Rogers  
Columbus, In 47203  
March 21, 1992

Mr. James M. Durham  
11425 S. Jonesville Road  
Columbus, IN 47201

Dear Mr. Durham:

Last Thursday's meeting of the Solid Waste Management Advisory Committee was very educational. Thank you very much for all the time you are spending on this very important task. Volunteer committees are the backbone of our community.

Our family has been recycling the last two years largely due to the continued information and opportunities available in our county. I was glad to see that further education will be emphasized in the schools. Our children are already much more environmentally aware than we were at their age.

Thank you also for your patience with several of us from the Royal View/Petersville area. And, for allowing us to share our views even though your meeting was not directly related to the landfill site. This was an opportunity that had been denied in other meetings.

However, I do believe the McNealy option should not be a part of the 20 year plan. Since your task is not to find a site for the landfill, why does it need to be mentioned? Just mentioning it in the 20 year plan will be seen as endorsement by those called upon to implement the plan.

Mr. Rubino said he would like to see our county a model county for the state. That is my desire also. But how can I be proud of a county that chooses to locate a landfill next to a residential area? That's why it is so important for you not to endorse this landfill expansion by putting it in the 20 year plan.

Thank you.

Sincerely,

*Linda Rouch*  
Linda Rouch

X

FAMILIES AGAINST LANDFILL  
9606 E. Randal St.  
Columbus, IN 47203

March 21, 1992

Mr. James M. Durham  
11425 S. Jonesville Rd.  
Columbus, IN 47201

Dear Mr. Durham:

This letter is being written today first off to say "Thank You!" for being on the Advisory Committee for Solid Waste. We realize that this must take a great deal of time and that you must care considerably to devote that time to it. We are glad that you are representing us.

Second, we wish to ask you to please consider not including the McNealy Option as part of the 20 Year Plan. Just because someone else has jumped the gun or put the cart in front of the horse does not mean that you HAVE TO totally back up their actions. In the future, you may not, but others will justify the proposed expansion of the Petersville landfill because it is in the 20 Year Plan. Your careful consideration of this very important item will be greatly appreciated by the people of Eastern Bartholomew county.

Lastly, we do wish to congratulate you on your emphasis on recycling. The sooner the world realizes and accepts the responsibility for their trash, the better. You have shown us that you are knowledgeable and that you sincerely do wish to do what is best for all.

Thank you again.

Sincerely,

*Cecilia A. Doell*

Cecilia A. Doell  
F.A.L.

cc: The Republic Newspaper





## Bartholomew County R.E.M.C.

801 Second Street  
P.O. Box 467  
Columbus, IN 47202-0467  
Phone: 812-372-2546  
Fax: 812-372-2112

April 28, 1992

Michael R. Coleman  
2890 N. Rogers Street  
Columbus, IN 47203

Dear Mr. Coleman:

Thank you for your letter that I received last month. I appreciate you taking your time to write me a letter concerning your views on the 20 year Solid Waste Disposal Plan for Bartholomew County. I am sorry I have not responded to you sooner, but I failed to follow up as I should have.

As we explained at the public meeting, we are in the process of writing this plan which is to be completed by July 1992. The purpose of the public meeting was to gather ideas from public input to reduce solid waste to meet the 1996 and 2001 goals. The comments at the meeting did not address this issue. However, I will consider all the comments that I heard at the public meeting plus the comments that you have taken time to include in your letter as we go through the writing process of the plan.

Writing the plan is not an easy task because we have to address certain mandated issues by the State of Indiana, plus take into consideration the needs of the citizens of Bartholomew County, to meet the state waste reduction goals of 35% by 1996 and 50% by 2001.

Again, I would like to express by thanks to you for your concerns of the issue and your input to the citizens advisory committee.

Sincerely,



Dan J. Arnholt  
General Manager

DJA/hmw

cc: Jim Murray  
Jim Durham

## Bartholomew County

### Solid Waste Management District Board Citizens Advisory Committee Public Forum

440 Third Street  
4th Floor - County Council Chambers  
Columbus, Indiana 47201  
7:00 p.m. -- March 19, 1992

Sign Up Sheet - ~~FOR THOSE WHO WOULD LIKE TO RECEIVE A COPY OF THE~~  
PRELIMINARY SOLID WASTE MANAGEMENT PLAN

	NAME	ADDRESS	PHONE NO.
✓1.	Cecilia Daell	9606 E. Randal St. Col.	372-4570
2.	Mike Coleman	2890 N. Rogers St	379-2410
3.	Mable Walsh	2771 N. Rogers St.	372-8614
✓4.	Amy Harker	8702 W. White Oak Ln	342-2117
5.	JEFF ABPLANALP	2181N 650E COLUMBUS	546-5059
6.	CURT WETHERAID	6211 W 550 S <del>COLUMBUS</del>	342-9039
7.	Tim Hotz	4166 Roselawn Ave 47203	376-6119
✓8.	MARK Webber	www P.O. Box 487, Col. 47202-0487	372-9933
9.	<del>Nancy Jurek</del>	<del>616 Jackson St. Hope 47246</del>	<del>546-4673</del>
10.	<del>IRIDA Miller</del>	<del>819 FRANKLIN St. 47201</del>	<del>372-0557</del>
11.	Mark Buckley	9724 E. Lee Ct 47201	376-0793
12.	William Bacon	9633 LEE Ct. 47203	378-2063
✓13.	Steve Conrad	2711 Whitehorse Rd Nashville 47448	342-6954
14.			
15.			
16.			

**BARTHOLOMEW COUNTY  
SOLID WASTE MANAGEMENT DISTRICT  
CITIZENS ADVISORY COMMITTEE**

**AGENDA  
March 19, 1992**

**Bartholomew County Council Chambers, 4th Floor, Governmental  
Offices Building, 440 Third Street, Columbus.  
7:00 p.m.**

1. Call to Order  
Roll Call
2. Old Business  
Delayed until next month: Approval of February 27, 1992  
Meeting Minutes
3. New Business

**Public Forum on Solid Waste Management Planning**

1. Opening Comments by Bartholomew County Solid Waste  
District Chairperson, Mr. Michael Totten
2. Welcome, Introduction of the Citizens Advisory  
Committee, Mr. James Durham, CAC Chairperson
3. The Planning Process: Requirements of H.B. 1240, and  
Bartholomew County's planning status, Mr. Richard  
Wigh, Pres. Regional Services Corp
4. Open Comments, Questions
5. Next Meeting Date - April 23, 1992
6. Adjournment

MINUTES OF THE REGULAR MEETING  
OF THE BARTHOLOMEW COUNTY SOLID  
WASTE MANAGEMENT DISTRICT  
ADVISORY COMMITTEE (AC)

The March 19, 1992 Advisory Committee meeting was held at 7:00 p.m.  
at the Bartholomew County Council Chambers, 440 Third Street, Columbus  
Indiana.

Members Present: Rosanne Watson  
Laura Fisher  
Bob Moats  
Bill Read  
Dan Arnholt  
Greg Littleton  
Patty Unrue  
Jim Durham  
Buck Ritz  
Lou Poppa  
Greg Hartwell

This meeting was a public forum. The entire meeting was video taped  
and is available for review.

Jim Durham opened the meeting with an introduction of the Committee to  
the public and reviewed the reasons for the committee and its duties  
and a description of the S.W.M.A.

Dick Wigh gave a description of House Bill 1240. Mr Wigh used charts  
and graphs to demonstrate where we stand in conjunction with the goals  
established. Mr. Wigh's detailed presentation was very informative.

Mr. Durham opened the floor to questions and comments. Several people  
talked about the proposed landfill expansion at Petersville. There  
were several questions fielded by different committee members.

page 2

Jack Rubino urged our committee to set our goals high.

The meeting was adjourned at 10:15 p.m. The next meeting is April 23, 1992 at 7:00 p.m.

Respectfully submitted

A handwritten signature in cursive script, appearing to read "Gregory L. Littleton".

Gregory L Littleton

As per the April 23, 1992 Advisory Committee meeting, the attached letters are to be considered a part of the March 19, 1992 Advisory Committed meeting minutes.

BARTHOLOMEW COUNTY  
SOLID WASTE MANAGEMENT DISTRICT  
ADVISORY COMMITTEE

AGENDA  
FEBRUARY 27, 1992

Columbus City Hall, Conference Room #3  
7:00 p.m.

1. Call to Order  
Roll Call
2. Old Business  
Approval of January 23, 1992 Meeting Minutes
3. New Business  
Introduction of SWMA Recycling/Waste Minimization  
Manager, Ms. Carla Barrett  
Discussion of Public Forum Rescheduling - J. Durham  
Letter received from Mr. David Wagner, RE: Downtown  
Recycling - J. Durham  
Review of Draft Plan Submissions To-Date
4. Reports  
Monthly Report - Richard Wigh  
Citizens Advisory Committee Chairpersons Meeting  
On February 19th - B. Read
5. Next Meeting Date - March 26, 1992
6. Adjournment

MINUTES OF THE REGULAR MEETING  
OF THE BARTHOLOMEW COUNTY SOLID  
WASTE MANAGEMENT DISTRICT  
ADVISORY COMMITTEE (AC)

The February 27, 1992 Advisory Committee Meeting was held at 7:00 p.m. in City Hall, 123 Washington Street, Columbus, Indiana in conference room 3.

Members Present:        Rosanne Watson  
                             Laura Fisher  
                             Bob Moats  
                             Bill Read  
                             Ben Harker  
                             Dan Arnholt  
                             Greg Littleton  
                             Patty Unrue  
                             Jim Durham  
                             Buck Ritz

Also Attending:        Jim Murray, Carla Barrett, SWMA  
                             Richard Wigh, Dave Jobe and Brian Hart Regional Services

A motion to accept the minutes from the January 23, 1992 Advisory Committee Meeting as amended was made. The motion passed unanimously.

Jim Durham explained why it was decided to change the date of the public forum from February to March. It was agreed that the next Advisory Committee Meeting would be a public forum and would take place Thursday March 19th at 7:00 p.m. (one week early so as not to clash with Spring Break).

Mr Durham discussed what the agenda would be for the public forum. There followed a discussion as to what we might expect during the public forum. It was decided to have several copies of the District Plan schedule available at the meeting. Also, a sign-up sheet will be available at the forum for anyone who might want a copy of the plan to date. It will be advertised that a master copy will be available at Jim Murray's office as well as the Public Library.

Jim Murray introduced Ms. Carla Barrett who is the new SWMA Recycling Waste Minimization Manager. Ms. Barrett will be working at the Columbus/ Bartholomew Recycle Center when it comes on line.

Jim Murray talked about a letter that he had received from Mr. David Wagner concerning downtown recycling. Jim reported that there were a few recycling efforts being conducted downtown and that others would probably follow.

There was discussion about the latest Draft Plan Submissions that were recently received by the Board Members from Mr. Wigh. Dick pointed out that the tonnage of waste received at the landfill was not significantly different than it was 20 years ago. Other highlights of the Draft Plan were mentioned by Dick.

Mr. Wigh's monthly report concerned the Bartholomew County Waste Stream. Using charts that referred to tons of material, Dick pointed out the existing waste stream, the existing amounts presently being recycled in our county and what he felt was reasonable goals. In his opinion Bartholomew County should be able to reach the 50% reduction by 1996.

Bill Read reported on the Citizens Advisory Committee Chairpersons meeting that he had attended on February 19th. Bill said that he felt as though our District Community seemed to be meshing much more smoothly than several other districts in the state.

Bill also reported on attending a meeting in Scottsburg, Indiana on February 21st. This meeting had several influential people in attendance including Mr. Lee Hamilton. Although Mr. Read reported that Mr. Hamilton handled the meeting well, Bill said he was not impressed with the discussions or the accomplishments of this meeting..

There was some discussion concerning the new Columbus-Bartholomew Recycle Center. A motion carried that our Board would send a letter of endorsement concerning this center.

Meeting adjourned at 9:10 p.m.

Next meeting will be Thursday, March 19, 1992 at 7:00 p.m. site pending.



BARTHOLOMEW COUNTY  
SOLID WASTE MANAGEMENT DISTRICT  
ADVISORY COMMITTEE

AGENDA  
January 23, 1992

Columbus City Hall, Conference Room #3  
7:00 p.m.

1. Call to Order  
Roll Call
2. Old Business  
Approval of December 19, 1991 Meeting Minutes
3. New Business  
Review of Draft Plan Submissions To-Date  
Consideration of a Preliminary Public Hearing
4. Reports  
Monthly Report - Richard Wigh  
Biocycle Recycling Conference - J. Murray  
Advisory Committee Chairperson Workshops, February 19 and  
April 9  
Discussion of "Tapping Landfills for Energy", Mechanical  
Engineering, January 1992
5. Next Meeting Date - February 27, 1992
6. Adjournment

MINUTES OF THE REGULAR MEETING  
OF THE BARTHOLOMEW COUNTY SOLID  
WASTE MANAGEMENT DISTRICT  
ADVISORY COMMITTEE (AC)

The January 23, 1992 Advisory Committee Meeting was held at 7:00 p.m. in City Hall, 123 Washington Street, Columbus, Indiana in Conference Room 3.

Members Present: Bill Read

Laura Fisher

Lou Poppa

Bob Moats

Ben Harker

Patty Unrue

Dan Arnholt

Greg Hartwell

Buck Ritz

Greg Littleton

Also Attending: Richard Wigh, Jim Murray

A motion to accept the minutes from the December 19, 1991 Advisory Committee Meeting as written, was made. The motion passed unanimously.

Richard Wigh discussed the forms that he had sent to our Committee Members recently. They were the Demographic and Disposal Facility and Existing Facility Information forms. Mr. Wigh said The Waste Generation Forms should be received before the next meeting.

It was decided to make our next regular meeting a public forum. The Committee would like to hear public opinion concerning what issues our district should focus on in the future. Lou Poppa said she will put together a flyer concerning this forum and fax it to local radio stations after getting it approved with Jim Murray and Jim Durham. Mr. Murray said he will take care of a newspaper announcement and see to a larger meeting room. Greg Littleton will bring a camcorder to record the forum, per Lou Poppa's suggestion. Laura Fisher offered

to put together a survey and work it out with Bob Moats and Ben Harker to survey the opinions at their respective High Schools. They will try to have this started before the forum.

Lou Poppa reported that Mr. Paul Wilkerson of Foods Plus (John C. Groub Co) had contacted her concerning plans for Earth Day, April 1992. The Committee decided not to be involved in a project for Earth Day. Ms Poppa said she would get back with Mr. Wilkerson.

Greg Littleton reported that there was little or no items, newspaper, plastic, etc, being put on the ground around the recycle drop boxes in the city since the instructional/information signs have been installed.

Greg Littleton Reported on feasibility of shredding and baling newspapers for use as farm animal bedding.

Greg Hartwell asked if it could be possible to set up some type of recycling drop-off to coincide with county's Saturday trash drop off sites.

Jim Murray reported on a Biocycle Recycling Conference he attended this past November in North Carolina. Jim reiterated that the landfill tipping fees, cost of disposal causes more or less recycling per area.

Jim Murray talked about AC chairperson workshops February 19 and April 19. Bill Read may attend if Jim Durham is not available.

I.D.E.M.sponsered a plan workshop January 16th at Scottsburg, Indiana. Bill Read, Jim Murray and Dick Wigh attended. There was discussion about conflicting opinions concerning the districts' legal power to enforce the final plan. All districts are very concerned with this issue.

Jim Murray started discussion on "Tapping Landfills for Energy". An article from Mechanical Engineering - January 1992. Lou Poppa and Dick Wigh talked highly of Southside Landfill's Greenhouse that is powered by methane in Indianapolis.

page 3

Meeting was adjourned at 8:35 p.m.

Our next meeting will be Thursday, February 27, 1992 at 7:00 p.m.  
site pending.

Respectfully Submitted By



Gregory L. Littleton

**\*\* Addendum**

At the request of Mr. Michael Totten, Chairman of the District Board, the public forum, scheduled for our next Advisory Committee meeting on February 27, will be delayed. The Advisory Committee will meet in regular session on February 27; the planned public forum has tentatively been rescheduled for our regular March meeting.

J. Murray per  
James Durham

BARTHOLOMEW COUNTY  
SOLID WASTE MANAGEMENT DISTRICT  
ADVISORY COMMITTEE

AGENDA  
December 19, 1991

Columbus City Hall, Conference Room #3  
7:00 p.m.

1. Call to Order  
Roll Call
2. Old Business  
Approval of November 21, 1991 Meeting Minutes
3. New Business  
Receipt of Draft First Submission, District Plan - D. Wigh
4. Reports  
Synopsis of the Last District Meeting  
Landfill Volume Update  
Biocycle Recycling Conference
5. Next Meeting Date - January 23, 1991
6. Adjournment

J. Murray

MINUTES OF THE REGULAR MEETING  
OF THE BARTHOLOMEW COUNTY SOLID  
WASTE MANAGEMENT DISTRICT  
ADVISORY COMMITTEE (AC)

The December 19, 1991 Advisory Committee Meeting was held at 7:00 p.m. in City Hall, 123 Washington, Columbus Indiana in Conference Room 3.

Members Present: Jim Durham

Bill Read

Greg Hartwell

Rosanne Watson

Greg Littleton

Laura Fisher

Bob Moats

Dan Arnholt

New Member Present: Ben Harker

Also Attending: Richard Wigh, Regional Services Corp

A motion to accept the minutes from the meeting of November 21, 1991 as written, was made. The motion passed unanimously.

Mr. Wigh passed out binders to each member. The binders contain an estimated schedule for the District plan, a copy of State plan - volume II, a draft of administrative information for the Bartholomew County District plan and a draft of the Industrial Survey form.

Mr. Durham instructed the AC to read these initial instructions and submissions. Mr. Wigh said there would be more submissions January 9, 1992. He will try to get copies of this to the AC one week before our next meeting (January 23). The committee will discuss these submissions at the January 23rd meeting.

Mr. Wigh asked the committee members to review the Industrial Survey form and if there are any comments to call him at Regional Services.

Greg Littleton distributed copies of an article concerning the use of shredded newspaper for animal bedding. Mr. Durham asked Greg to make contacts that may help the AC decide if this is a feasible project for the committee to pursue.

I.D.E.M. is sponsoring a workshop at Scottsburg, Indiana on January 16th. The workshops will address several solid waste management issues. Mr. Durham asked Mr. Read to attend.

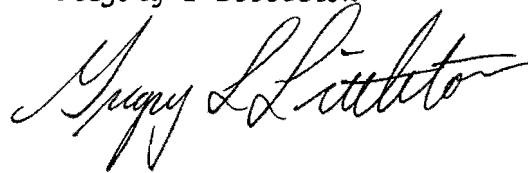
Mr Durham reported that he had attended the District Meeting on December 5th. This meeting was attended by Senator Robert Garton and Representative Robert Hayes. Some practical aspects of HB 1240 were discussed such as funding and legislative changes that may be necessary.

Mr Wigh updated us concerning space at the landfill. In his opinion there is approximately three and one half to five years of life at the Petersville site. He explained that it would take about four years to finalize a new site to succeed the Petersville location.

Our next meeting will be Thursday, January 23, 1992 at 7:00 p.m. in Conference Room 3, City Hall.

Respectfully Submitted by

Gregory L Littleton

A handwritten signature in cursive script, reading "Gregory L Littleton". The signature is written in dark ink and is positioned below the printed name.

**BARTHOLOMEW COUNTY  
SOLID WASTE MANAGEMENT DISTRICT  
ADVISORY COMMITTEE**

**AGENDA  
November 21, 1991**

**Columbus City Hall, Conference Room #3  
7:00 p.m.**

1. Call to Order  
Roll Call
2. Old Business  
Approval of October 24, 1991 Meeting Minutes
3. New Business  
Introduction of New Members
4. Reports  
Presentation on Household Hazardous Waste Tox-A-Way Days -  
Heritage Environmental Services, Indianapolis, IN  
District Planning Seminar - B. Read
5. Next Meeting Date - December 19, 1991
6. Adjournment



**Minutes of the Regular Meeting  
of the Bartholomew County Solid  
Waste Management District  
Advisory Committee (AC)**

The November 21, 1991 Advisory Committee Meeting was held at 7:00 p.m. at City Hall, 123 Washington Street, Columbus, Indiana in Conference Room 3.

Members Present:     Jim Durham  
                         Bill Read  
                         Greg Hartwell  
                         Roseanne Watson  
                         Patty Unrue  
                         Greg Littleton  
                         Buck Ritz  
                         Lou Poppa  
                         Dan Arnholt

New Members Present:     Laura Fischer  
                                 Bob Moats

Also attending the meeting was Richard Wigh, Regional Services Corporation, Mr. and Mrs. Steve Pettit from Heritage Environmental Services, and John Gard with The Republic. A motion to accept Minutes of the October 24, 1991 meeting Minutes, as written, was made. The motion passed unanimously.

Buck Ritz introduced Steve Pettit from Heritage Environmental Services. Mr. Pettit presented a slide presentation on Household Tox-A-Way Days, for disposal of household toxic wastes. Heritage provides Tox-A-Way Days for communities. It offers customized promotion and comprehensive service. Heritage takes full responsibility and title of the household waste. In a Tox-A-Way day the household wastes are taken out of the sanitary landfill with the assistance of a household waste recovery vehicle that houses a laboratory. Volunteers for the project are very instrumental. There is an educational attempt to inform the public as to how the items are recycled. The Tox-A-Way Day

promotes community awareness and demonstrates dedication of community sponsors, and addresses regulatory concern of solid waste planning control. Grant applications will be available in January from the Indiana Department of Environmental Management for household waste disposal. Greg Hartwell recommended that we should sponsor a Tox-A-Way Day at least once a year. Mr. Pettit stressed that consideration must be given to site protection (including shelter from rain), materials handling (Are volunteers expected to handle the wastes?), and experience of the handler/hauler. It was suggested that other communities be contacted that have used the service. Costs of a Tox-A-Way Day range from \$80 to \$120 per participant and the average or expected participation rate is one percent of households in the community. Mr. Pettit suggested that some communities such as Marion County and the city of Bloomington are planning to have permanent locations where residents can dispose properly of their household hazardous wastes. Questions and discussion followed the slide presentation.

Jim Durham stated that he would submit a report of this presentation to the Solid Waste Management District Board.

Lou Poppa gave a synopsis of County Ordinance No. 1970-1 which regulates the public disposal of garbage and rubbish on any land which is situated outside the corporate limits of any city or town. As it pertains to permits for persons engaged in the public disposal of garbage or rubbish, it is not pertinent to our concern with backyard composting.

Greg Hartwell indicated that when Columbus revises its ordinance on solid waste disposal, composting will be explicitly addressed. He and Lou agreed that there must be coordination between Columbus and Bartholomew County in the drafting of new solid waste ordinances and that there should be stiff penalties for open dumping.

Bill Read recapitulated the important points of the District Planning Seminar presented by Ice, Miller, Donadio & Ryan which he, Greg Hartwell, and Jim Murray attended on November 12. One of the most important sticking points for Solid Waste Districts is the issue

of funding. Dick Wigh mentioned the unique position our district holds in that regard and that legislative change may be necessary to accommodate differences between districts. Jim Durham stated that at the next meeting of the District Board, that issue was to be discussed.

In accordance to our decision to have rotational secretaries serving terms of three months, Greg Littleton was unanimously voted in as the next secretary to serve the months of January through March of 1992. As Patty Unrue will be unable to attend the December meeting, Greg has graciously agreed to take minutes.

Our next meeting will be Thursday, December 19, at 7:00 p.m. in Conference Room 3 of City Hall.

A motion to adjourn was made at 9:10 p.m. The motion carried.

Respectfully submitted by  
Patty Unrue  
Lou Poppa

**BARTHOLOMEW COUNTY  
SOLID WASTE MANAGEMENT DISTRICT  
ADVISORY COMMITTEE**

**AGENDA  
October 24, 1991**

**Columbus City Hall, Conference Room #3  
7:00 p.m.**

1. Call to Order  
Roll Call
2. Old Business  
Approval of September 26, 1991 Meeting Minutes  
Student Membership on the AC - J. Durham  
Role of the AC - J. Durham
3. New Business  
Solid Waste Plan/Solid Waste Management in Bartholomew  
County - An Historical Perspective -- *Richard Wigh,*  
*Regional Services, Inc.*
4. Reports  
Upcoming Presentation by Heritage Environmental Svcs.--  
B. Ritz
5. Next Meeting Date - November 21, 1991
6. Adjournment

**Minutes of the Regular Meeting  
of the Bartholomew County Solid  
Waste Management District  
Advisory Committee (AC)**

The October 24, 1991 Advisory Committee Meeting was held at 7:00 p.m. at City Hall, 123 Washington Street, Columbus, Indiana.

Members Present:     Jim Durham  
                         Bill Read  
                         Greg Hartwell  
                         Roseanne Watson  
                         Patty Unrue  
                         Greg Littleton  
                         Buck Ritz

Also attending the meeting was Jim Murray, Administrator for the Solid Waste Management Authority and Richard Wigh, Regional Services Corp. A motion to accept Minutes of the September 26, 1991 meeting Minutes, as written, was made by Bill Read and seconded by Buck Ritz. The motion passed unanimously.

In a report from Mr. Durham regarding his meeting with Michael Totten, District Chairperson, it was learned that a student from each of the three high schools (Columbus East, Columbus North and Hauser) will be appointed to the Advisory Committee.

Mr. Durham also reported that the AC is to help the Bartholomew County Solid Waste Management District Board in the planning stages of its 20-year plan and is expected to continue to work with the Board in the future, after formulation of the plan.

Regional Services was awarded the contract to create the Solid Waste Plan for the District Board. Richard Wigh, President of Regional Services presented an historical perspective of Solid Waste Management in Bartholomew County which included the 50/50 City/County

fee structure, the shredder plant, Clifty Landfill, and Petersville Landfill (1974). Jim Murray became the first full time employee of SWMA. Mr. Wigh discussed the Solid Waste plan, including: an industrial survey, a plan and policy statement for solid waste management for the next twenty years, which includes a financial and revenue report, and a plan of implementation. The Plan is due May 1 and is to be reviewed by the Advisory Committee. A public hearing is to be conducted in June before submission of the plan to the State by July 1.

Greg Hartwell shared the City Ordinance on backyard composting. He informed us there will be a future revision in the City Ordinance concerning solid waste disposal.

Greg Hartwell and Lou Poppa will meet and bring the AC a presentation on county and city ordinances at the next meeting. Bill Read announced an Ice Miller Donadio & Ryan seminar updating information concerning Solid Waste Districts. This meeting will be held on Tuesday, November 12 at the Airport Hilton in Indianapolis. Jim Durham announced a November 20 "Developing a Solid Waste Plan" seminar at the Airport Holiday Inn in Indianapolis. Bill Read, Jim Murray and Greg Hartwell are planning to attend the November 12 seminar and will report to the Committee about the presentation at the AC's November 21 meeting.

Greg Littleton shared recycling fact sheets.

Buck Ritz informed us that the Heritage Environmental presentation on a "Tox-A-Way" day would occur at our next meeting. Simpson and Steve Pettit of Heritage will be here with a slide presentation.

Our next meeting will be Thursday, November 21, at 7:00 p.m. in Conference Room 3 of City Hall with the three new high school members present.

A motion to adjourn was made by Bill Read and seconded by Buck Ritz. The motion carried.

Respectfully submitted by  
Patty Unrue

September 27, 1991

Mr. Michael C. Totten  
Chairperson  
Bartholomew County Solid Waste District  
2227 Gilmore  
Columbus, Indiana 47201

Dear Mike:

This letter is the first report of the activities of the Bartholomew County Solid Waste District Advisory Committee. We elected officers at our second meeting, which was held on September 26. Officers are:

Jim Durham, Chairperson  
Bill Read, Vice Chairperson  
Patti Unrue, Secretary

We have also initiated work on the two initial projects we were asked to address, compost marketing and household hazardous waste. The former was discussed at some length, with both Greg Hartwell and Jim Murray as active participants. The conclusions were: (1) marketing of the first compost product has been a great success, given the small amount still left for disposal, (2) policy on use by commercial firms requires formulation and decision by the Solid Waste Management Authority, and (3) marketing plans for next year's product are dependent upon that policy decision. Consequently, the marketing project was tabled until the March, 1992 meeting. Insofar as household hazardous waste, the Committee will receive a briefing on this subject from Heritage Construction during the October meeting. The Committee will then focus its efforts on this project.

The Committee believes quite strongly that a tenth member should be appointed to the Advisory Committee. Moreover, we believe that this member should be a high school student. After all, the primary function of the Advisory Committee, as directed by HEA 1240 (P.L. 10-1990), is to serve as consultants for the District Board during the planning process for the 20 year solid waste management plan. Given the 20 year span of this plan, it will impact directly on the younger generation during a critical period of their lives. What better way is there to recognize that fact and to make today's youth part of

Mr. Michael C. Totten

- 2 -

September 27, 1991

the solution than to provide them a forum as part of the Committee? We request that you place this matter before the District Board. If the Board is amenable to this concept, we will approach the principals of the three high schools in Bartholomew County, ask for recommendations, interview those nominated, and recommend a name to the District Board for their approval.

As stated above, the principal function of this committee is to advise the District Board during the planning process. I will contact you next week to arrange a meeting to discuss the mechanics of this effort. The Committee is eager to assist the District Board.

Sincerely,

  
James M. Durham

/jlb

cc: Mayor Robert N. Stewart  
Commissioner Vernon Jewell  
Commissioner Marvin Finke  
Commissioner Juanita Harden  
Councilman Tom Harrison  
Ms. Gail Greathouse  
James M. Murray



BARTHOLOMEW COUNTY  
SOLID WASTE MANAGEMENT DISTRICT

ADVISORY COMMITTEE

AGENDA

September 26, 1991

Columbus City Hall, Conference Room #3  
7:00 p.m.

1. Call to Order  
Roll Call
2. Old Business  
Approval of August 29, 1991 Meeting Minutes
3. New Business  
Election of Officers  
Liaison to the District Board  
Initial Topic of Study
4. Reports  
Open
5. Next Meeting Date
6. Adjournment

**Minutes of the Regular Meeting  
of the Bartholomew County Solid  
Waste Management District  
Advisory Committee (AC)**

The September 26, 1991 Advisory Committee Meeting was held at 7:00 p.m. at City Hall, 123 Washington Street, Columbus, Indiana.

Members Present:     Jim Durham  
                         Bill Read  
                         Lou Poppa  
                         Greg Hartwell  
                         Roseanne Watson  
                         Patty Unrue  
                         Greg Littleton

Also attending the meeting was Jim Murray, Administrator for the Solid Waste Management Authority. Jim Murray opened the meeting. Minutes of the August 29, 1991 meeting were approved as written. After some discussion among Committee members, it was decided that Jim Durham would serve as Chairman and Bill Read as Vice-Chairman with the next election for these two offices to be conducted in November of 1992. Patty Unrue was asked to serve as Secretary for a three month term. Jim Durham will also serve as liaison to the District Board.

Lou Poppa made a motion that a High School student be appointed as a 10th voting member of the Advisory Committee. It was suggested that the Committee seek a high school member on a rotational basis from each of the three high schools, those being Columbus East, Columbus North, and Hauser High School for a one year term. The Principals from each of the high schools will be contacted after Jim Durham approaches the Board and the appointment of a high school student is approved. The motion was seconded by Roseanne Watson and the motion was carried.

Greg Hartwell brought a sample of the compost. Three-fourths of the compost had been distributed as of the September 26 meeting. One row of compost material has been reserved for the Columbus Parks and Recreation Department. Greg Hartwell commented that the leaves are more conveniently collected in containers or loosely rather than in bags. It has been discovered that debagging by machine leaves too much plastic debris. Jim Murray distributed a sample compost survey which had been mailed to potential consumers. Only one response was returned. Discussion was held about compost marketing possibilities. It was suggested that SWMA should develop a policy concerning the marketing of compost. Jim Durham requested that Greg Hartwell and Lou Poppa bring existing ordinances regarding composting.

Jim Durham suggested a newspaper article should be written about the success and quality of the compost distribution to the city and county residents. Lou Poppa made a motion to table the compost marketing issue. Greg Hartwell seconded the motion. The motion passed. Jim Murray stated that he would publicize our meetings in The Republic on Sunday.

Lou Poppa volunteered to write an outline of recycling article possibilities for publication in The Republic. Jim Durham will contact John Harmon at The Republic. Jim Murray informed the AC that Buck Ritz could arrange for the Heritage firm from Indianapolis to present a household toxic waste presentation to our AC. The AC consented to this demonstration for the October meeting. Discussion of household hazardous waste ensued. Lou Poppa reported on the September 30 Recycling Task Force "Waste Management Day" with 14 exhibits scheduled. Bill Read suggested methods of utilizing recycled items.

Jim Durham asked about the AC's input on a 20 year solid waste plan. Jim Durham will talk to Mike Totten regarding this matter. The next meetings are scheduled for October 24, November 21, and December 19 at 7:00 p.m. in Conference Room 3 at City Hall.

The meeting was adjourned.

COLUMBUS/BARTHOLOMEW COUNTY  
SOLID WASTE DISPOSAL AUTHORITY

ADVISORY COMMITTEE

August 29, 1991

AGENDA

Columbus City Hall, Conference Room #3  
7:30 p.m.

1. Call to Order  
Roll Call
2. Committee Organization
  - Discussion of Duties of Officers
  - Meeting Schedule
3. Initial Topics for Study
4. Adjournment

**MINUTES OF THE REGULAR MEETING  
OF THE BARTHOLOMEW COUNTY SOLID  
WASTE MANAGEMENT DISTRICT  
ADVISORY COMMITTEE (AC)**

The first monthly meeting of the Advisory Committee was held on August 29, 1991, at 7:30 p.m. at City Hall, 123 Washington Street, Columbus, Indiana.

Members Present:      Greg Hartwell  
                            Dan Arnholt  
                            Buck Ritz  
                            Greg Littleton  
                            Patty Unrue  
                            Lou Poppa  
                            William Read  
                            Roseann Watson

Also attending the meeting was Jim Murray, Administrator for the Solid Waste Management Authority. As this was the first organizational meeting of the Advisory Committee, Mr. Murray opened the meeting. Mr. Murray distributed an informational packet to the committee members (copy attached).

The committee members introduced themselves to all present. Mr. Murray proceeded to discuss the organizational scheme of the governmental management of solid waste in Bartholomew County. Of most concern to the Advisory Committee is the formation of the Bartholomew County Solid Waste Management District. The AC reports to this board via their liaison, the AC chairperson. Mr. Murray explained to the AC that the Solid Waste Management Authority (SWMA), formerly the SWDA, will remain as the operational arm of the District through 1992.

The District Board will function as a policy and planning organization during that same time. The primary task of the District Board will be the formulation of a 20 year solid waste management planning document for Bartholomew County. Review of drafts of this document are a likely task for the AC. Much

discussion was held concerning the past and current management of waste in Bartholomew County.

Mr. Murray described the necessity for the AC to elect a chairperson, vice-chairperson, and secretary from its ranks. A description of anticipated duties is attached in the informational packet. Mr. Murray suggested the AC elect those officers at its next regular meeting. Ms. Lou Poppa suggested that those interested in holding an office should submit a summary of their qualifications for review by all members of the AC. Mr. Murray explained his offices' ability to assist the Secretary with the typing and distribution of meeting minutes and upcoming agendas. Mr. Murray requested that interested office holders submit their statement of qualifications to his office by September 16, 1991, for distribution to all AC members.

The AC members present were polled for a future meeting schedule. It was unanimously decided to meet the fourth Thursday of every month, at 7 p.m. in City Hall, in Conference Room No. 3. This schedule will be amended, as necessary, to accommodate holidays.

Mr. Murray presented two initial topics of study, suggested by the District Board: compost marketing, and household hazardous waste. Mr. Bill Read suggested a possible additional topic; namely, the use of shredded newspaper as packaging and animal bedding. Much discussion was held concerning these topics. It was decided that Messrs. Greg Hartwell and Jim Murray should provide the AC with information on the municipal composting program at their next regular meeting on September 26.

Ms. Lou Poppa advised the AC Board members of the upcoming Waste Management Conference in Columbus on September 30, 1991. A descriptive agenda is attached.

There being no additional items of business, the meeting was adjourned.

CITY OF COLUMBUS - BARTHOLOMEW COUNTY, INDIANA  
**SOLID WASTE DISPOSAL AUTHORITY**  
440 3RD ST.  
COLUMBUS, IN 47201  
(812) 379-1757

December 7, 1990

TO: All Columbus Area Media

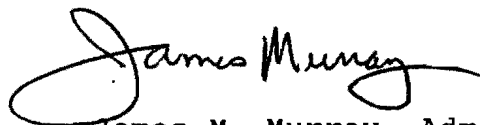
FROM: Jim Murray, Administrator  
City of Columbus - Bartholomew County  
Solid Waste Disposal Authority (SWDA)

SUBJECT: News Release - Christmas Tree Recycling

As the Administrator of the SWDA, I would truly appreciate your support of our new Christmas tree recycling program. I think you'll agree this is a worthwhile (and newsworthy) effort. With your assistance in informing area residents, I know the program will be a success.

I've attached a flyer which outlines our program. Please call me at 379-1757 with any questions. As Mr. Frank Underwood of Franks Tree Service has generously donated the equipment and operator for our program, I would appreciate it if he could be recognized as a part of your announcements. Thank you.

Sincerely,



James M. Murray, Administrator  
Columbus-Bartholomew County  
Solid Waste Disposal Authority

## RECYCLE YOUR CHRISTMAS TREE ! ! !

\*\*\*\*\*

**WHERE:** Columbus City Garage, 2250 Kreutzer Drive  
just south of Cosco

**WHEN:** The two Saturdays after Christmas  
Saturday, December 29 and Saturday January 5

8:00 A.M. to 3:30 P.M.

**HOW:** Bring your undecorated Christmas tree, and a container,  
(box or bag) and we'll recycle your tree into holiday mulch

The Columbus - Bartholomew Solid Waste Disposal Authority (SWDA)  
invites you to bring your Christmas tree to the Columbus City  
Garage Municipal Composting Site, 2250 Kreutzer drive  
(just south of Cosco, off Gladstone Drive) and have it  
recycled into mulch for your trees, shrubs, and garden.

Christmas trees (undecorated only please!) will be accepted from  
8 A.M. to 3:30 P.M. on Saturday, December 29, and Saturday,  
January 5. Bring your own container if you wish to take your  
recycled tree home with you.

**TREE CHIPPER PROVIDED  
COURTESY OF FRANK'S  
TREE SERVICE**



**RECYCLE YOUR CHRISTMAS TREE ! ! !**

**BRING ONE FOR THE CHIPPER ! ! !**

\*\*\*\*\*

**WHERE:** Columbus City Garage, 2250 Kreutzer Drive  
just south of Cosco

**WHEN:** The two Saturdays after Christmas  
Saturday, December 28 and Saturday January 4  
8:00 A.M. to 3:30 P.M.

**HOW:** Bring your undecorated Christmas tree, and a  
container (box or bag) and we'll recycle your tree  
into holiday mulch!

The Columbus-Bartholomew Solid Waste Management Authority  
(SWMA) invites you to bring your Christmas tree to the Columbus  
City Garage Municipal Composting Site, 2250 Kreutzer Drive  
(just south of Cosco, off Gladstone Drive) and have it recycled  
into beneficial mulch for your trees, shrubs, and garden.

Christmas trees (undecorated only please!) will be accepted  
from 8 A.M. to 3:30 P.M. on Saturday, December 28, and Saturday  
January 4. Bring a container if you wish to take your recycled  
tree home with you.

**RECYCLE YOUR CHRISTMAS TREE ! ! !**

**BRING ONE FOR THE CHIPPER ! ! !**

\*\*\*\*\*

**WHERE:** Columbus City Garage, 2250 Kreutzer Drive  
just south of Cosco

**WHEN:** The two Saturdays after Christmas  
Saturday, December 28 and Saturday January 4  
8:00 A.M. to 3:30 P.M.

**HOW:** Bring your undecorated Christmas tree, and a  
container (box or bag) and we'll recycle your tree  
into holiday mulch!

The Columbus-Bartholomew Solid Waste Management Authority  
(SWMA) invites you to bring your Christmas tree to the Columbus  
City Garage Municipal Composting Site, 2250 Kreutzer Drive  
(just south of Cosco, off Gladstone Drive) and have it recycled  
into beneficial mulch for your trees, shrubs, and garden.

Christmas trees (undecorated only please!) will be accepted  
from 8 A.M. to 3:30 P.M. on Saturday, December 28, and Saturday  
January 4. Bring a container if you wish to take your recycled  
tree home with you.

By Jon Gard

The Republic

3.2092

Bartholomew County is well ahead of recycling goals set by the state, according to a preliminary survey discussed Thursday as part of a 20-year plan for managing solid waste.

But officials said some components of the local waste stream, particularly from residents, need improvement.

The community diverted about 38 percent of its waste from the landfill in 1991 through re-use or recycling, the report said, compared with state targets seeking a reduction of 35 percent by 1996 and 50 percent by 2001.

About 40 people attended the meeting of the Citizens Advisory Committee, which is helping to draft a 20-year waste-management plan for the county Solid Waste Management District board.

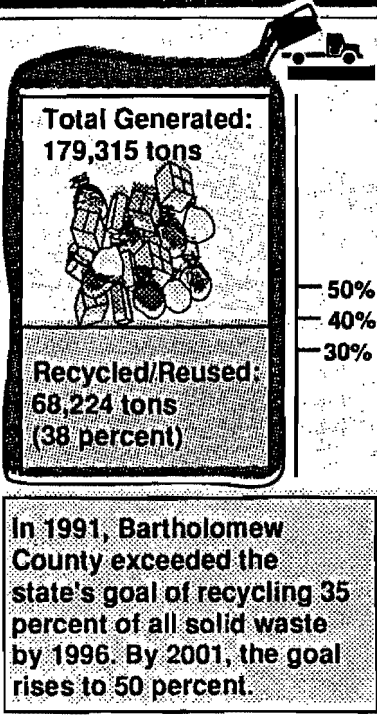
Part of the plan involves an assessment of recycling in the community and proposals for decreasing the amount of waste that reaches the landfill.

About 25 people from the Petersville area picketed outside the Governmental Offices Building against plans for expanding the existing landfill and some residents raised the issue at the meeting.

"The recycling goals we talked about are great, but my main concern is the landfill site," said Royal View resident Debbie Buckley. "A site should be selected because it is the best geologically, not the quickest or easiest to purchase."

Jim Durham, chairman of the

## Waste Watch



Source: Regional Services

advisory committee, said he believed the waste management plan should include an outline of the landfill-siting process and criteria, but was unsure whether other committee members or the district board would include such information.

Research for the plan, which must be approved by the board and submitted to the state by July, was compiled by consultant Richard Wigh, president of Regional Services Corp.

He said about 83.8 percent of

all waste generated in the county comes from the commercial, institutional and industrial sector, which is doing a far better job of recycling than the residential sector.

Businesses are diverting about 39.8 percent of their wastes from the landfill, while residents are recycling or reusing just 28.8 percent, mostly from the composting of leaves and grass clippings, Wigh said.

And nearly 20,000 of the 180,000 tons of all waste generated last year was taken to landfills or incinerators outside the county, primarily by private haulers trying to avoid the \$20-per-ton tipping fee charged at Bartholomew County Landfill.

Midterm goals suggested in the survey show that residents should be able to recycle up to 41.7 percent of their waste by 1996, while the business community decreases its flow of waste to 45.7 percent.

Although the plan is still in a draft stage, an agenda for reducing the disposal of newspaper, vegetation, metal cans, plastic, glass, wooden pallets, cardboard and construction debris was suggested.

Education and public awareness would be the first step in reducing each of the materials listed, officials said. And completion of a processing center near City Garage is expected to increase access and improve the market value of recycled materials, Wigh said.

Durham said public input will be welcome as work on the plan continues. The committee is scheduled to meet again April 23.

### Burning Bright

New light bulb lasts 20 years - A6

### Batter Up

Edinburgh opens sectional today - B1

# THE REPUBLIC

Columbus, Indiana

June 1, 1992

35¢ per copy

## 'Clean Air' session

The Clean Air Act amendments will be the subject of a luncheon information session by the Columbus Area Chamber of Commerce's Environmental Affairs Committee on June 9.

Two speakers — one from the Indiana Department of Environmental Management and the other from the law firm of Ice Miller Donadio and Ryan, will talk about how the law affects business.

The program will be from 11:30 a.m. to 1 p.m. at The Commons. Information: 379-4457.

## Solid waste plan presented June 18

The Solid Waste Management District Board will present Bartholomew County's 20-year solid waste plan at 7 p.m. June 18 in the Governmental Office Building.

State law requires counties to form solid waste district and create a 20-year plan for reducing the amount of waste going to the landfill.

Copies of the plan are available for review at the reference desk at the Bartholomew County Library or at the Solid Waste Management Authority office in the Governmental Office Building.

## INSIDE

**TUESDAY PRIMARIES** — Californians accustomed to long lines at the polls because of ballots crammed with complicated initiatives might need a new excuse for being late to work Tuesday.

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Opinion .....	A3
Sports .....	B1-3
TV Listings .....	B8
Weather .....	A10

## REAL ESTATE FOR SALE

### 74 Farms, Lots & Acreage

13 WOODED acres in Jennings Co. near Rt. 7, with small stream and pond. \$12,995.00.  
2.35 ACRES located 3 miles west of Gosholt Park Station. Trailer or home site. Will consider contract. 1-872-4884.

HORSE FARM for rent. 18+ acres. Stable for 12+ horses. Large barn could be used for riding arena. House with 4 bedrooms, 2 baths, family room, 1 1/2 car garage. References required. Will rent separately. \$1200 per month plus deposit. Available July 1. Call 1-443-4504 after 4, or 1-452-2375, ask for Norm.

### 76 Houses for Sale

1431 COTTAGE, 4 1/2 bedroom home with remodeled bath, large kitchen, 2 bedrooms, great home for a large family. Asking \$22,800. By appointment call to see at 372-2555.

3 BEDROOM home with 2 1/2 bathrooms. Close to Edinburg High School. Bus stop and takes to grade school. Nice neighborhood behind Dairy Queen. Call 372-2555.

BY OWNER, IN FAIRLAWN, 4 or 5 bedroom, 3 baths, on lake. 374-0287.

BY OWNER in Fairview, 4 or 5 bedroom, 3 bathrooms, on lake, new roof, fenced yard. \$90,000. 374-0287.

BY OWNER, ONE year old home, 3 bedroom, fenced yard, very nice, must see. Near East High School. Call 372-2555.

**CASH FAST**  
Reference Your Name  
Credit Problems OK  
**MORTGAGE AMERICA**  
MIDWEST  
1-800-530-9632

MINERAL SPRINGS, 2 bedroom, 2 baths, 2 car garage, new gas heat, central air, cable TV, large lot, many extras. \$42,000-lowered price. 1 week only. 372-0287.

### 80 Mobile Homes for Sale

Save \$200 and more on all homes in stock. Single wide homes start \$99 a month. Shop, show, see and save.  
A TRIPLE A HOME A RAIN A Calendar. 815-273-2048

12x40 3 BEDROOM, 3 1/2 baths, must be moved. \$2,000. 372-0287.

HOLLY PARK, 12x44, with floor, beautiful corner lot in Township Park, 2 car garage, 3 sheds and porch. Furnished or unfurnished. See to appreciate. 1-452-4547.

NEED TO sell 1984 Sherrill, 16'x9, 2 bedroom, 2 bath, \$1500 down, take over payments. 372-4783 after 5.

OLDER 3 bedroom, great condition, lots of extras, new carpet. Must move. \$2900. 379-5401.

### 84 Real Estate Wanted

I BUY HOUSES  
From Motivated Sellers  
Licensed 372-4028

WANTED: ACREAGE under small form, 30 to 100 acres. Sacked, part wooded, part tillable. Prefer east of Columbus. Bartholomew or Decatur Co. Must be reasonably priced. Reply to Box 452, The Republic, 222 2nd St., Columbus, IN 47201.

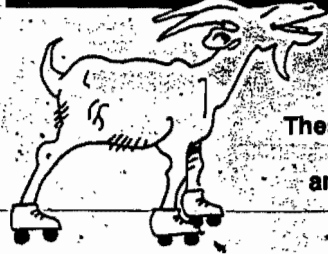
## REAL ESTATE FOR RENT

### 88 Roommate Needed

WHEN ADVERTISING for a roommate, you must state your age. You may not indicate any other discriminatory preferences.

PLANNING A GARAGE SALE? Order your ad early Tuesday and your sale dates can also be seen in THE SMART SHOPPER for just \$2.

SELL IT RIGHT AWAY with an ad in classified!



**NO KIDDIN'**  
These old goats  
will sell  
anything on  
wheels.

**PRACTICAL®**

Rentals-Sales 378-3929  
3565 National Road • Hours Mon.-Sat. 8:00-8:00.



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We're Indiana Business College graduates and we're ready for success in everything we do, on and off the job. IBC gave us skills and confidence to beat the competition and start successful, rewarding careers. IBC has the most exciting career opportunities ever! Training that's fast, placement assistance that works, and people who make you a winner!



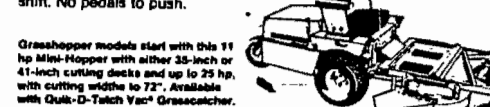
CALL OR RETURN COUPON TODAY!  
Indiana Business College  
3550 Two Mile House Road  
Columbus, Indiana 47201  
812-342-1000  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone \_\_\_\_\_  
AC-0074

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For The Classiest Act (And Lawn) In Town!

Talk about class. Grasshopper manures your lawn the easiest and fastest way. Grasshopper's true zero-turning radius and natural, instinctive dual lever steering, combined with an outfront deck and dual hydrostatic drive, let you trim as you mow and reach areas where other mowers can't go. No gears to shift. No pedals to push.



Grasshopper models start with this 11 hp Mini-Hopper with either 35-inch or 41-inch cutting decks and up to 25 hp, with cutting widths to 72". Available with Quick-D-Tatch Vac® Grasscatcher.

Ask your Grasshopper dealer for a demonstration today!

**McGUIRE**  
INTERNATIONAL, INC  
14154 E. St. Rd. 46 • Columbus (812) 546-4435  
OUTBOAST SINCE 1878  
YOUR NEXT MOWER

## Reach Indiana for \$150

Now you can place your classified ad in 81 Indiana newspapers for \$150. That's \$150 for a circulation of over 900,000! Your ad will reach virtually every market in Indiana through the Indiana Classified Advertising Network. And you can do it with just one visit to our office.

THE REPUBLIC  
379-5600

## WE'RE CONCERNED ABOUT YESTERDAY'S NEWS.

The newspaper produced by The Republic's major supplier is made from 55% recycled paper. All damaged newspapers and overprints are recycled. Recycling makes ecological and economical sense as recycled newsprint saves money and trees. We at The Republic invite you to join the recycling habit. Recycling is the one way we can all give something back.



Columbus Recycling Centers  
accepting all types of recyclables:  
City Garage, 2250 Kreutzer Dr.,  
Sat. 8-3:30  
Rumpke Recycle Center, 1950 Tellman Rd., Tues. 10-6 and Sat. 8-3

THE REPUBLIC

## County Calendar

### Bartholomew County

#### MONDAY

**County Commissioners**, 10 a.m., Governmental Office Building. Agenda: Plan Commission recommendations, decisions on computer network, River Road project bid, second reading of ordinances establishing Health Department fee schedule and Oakcrest subdivision traffic, approve specifications for Star Container Inc. railroad spur.

**Columbus Utility Service Board**, 11:30 a.m., Utilities Service Center, 1111 McClure Road. Agenda: Review of construction bid proposals and preliminary contract awards.

**Bartholomew County Public Library Board**, 4 p.m., library conference room. Agenda: Discussion of Sunday hours.

**Edinburgh Town Council**, 7 p.m., Town Hall.

**Sheriff's Merit Board**, 7 p.m. Monday, County Jail.

**Bartholomew Consolidated School Board**, 7:30 p.m., Schmitt Elementary School cafeteria. Agenda: Ban on corporal punishment; award of North-High-School air conditioning bid; discussion of proposed program changes.

**County Drainage Board**, 7:30 p.m., Governmental Office Building. Agenda: Discussion of cleaning and cost share for two private crossings on Brush Creek, maintenance work proposals for Sloan Branch, discussion of surface water inlet on property on Clarence Hall, review and discussion of drainage board policies and procedures.

**Hope Plan Commission**, 7:30 p.m., Town Hall. Agenda: Review of zoning map.

#### TUESDAY

**Columbus Board of Works**, 10 a.m., City Hall. Residents may comment or ask questions at the weekly meeting of city department heads.

**Alcoholic Beverage Board**, 10 a.m., Governmental Office Building. Agenda: Permit applications by Garb-Ko Inc., dba 7-Eleven, Washington Street; Northside Drugs Inc., 25th Street; Grandview Grocery Inc., West Road 300S; John S. Bright, dba Reed's Package Liquor Store, Eastbrook Plaza; Peter's Bay Restaurant, The Commons Mall.

**Aviation Board**, 7 p.m., Terminal Building. Agenda: Award contracts for Phase II of Bakalar project and operation of the tower for a three-year period.

**County Association for Retarded Citizens**, 7:30 p.m., Tuesday, County Courthouse.

**County Council**, 7:30 p.m., Governmental Office Building. Agenda: Highway Department request for \$175,000 additional appropriation, community corrections salary ordinance amendment, Youth Services Center salary ordinance amendment, progress report on job classification exercise.

**City Council**, 7 p.m., City Hall. Agenda: Budget hearings.

#### WEDNESDAY

**Columbus Plan Commission**, noon, City Hall, special meeting. Agenda: Public hearing on proposal by Charles E. Corbin of Breeden Inc. and Joe F. and Helen E. Sims to subdivide 47.81 acres into 124 residential lots on the east side of Central avenue about 200 feet north of Sims Drive.

**Edinburgh Plan Commission**, 6 p.m., Town Hall. Agenda: Minor subdivision plat by Ray Burbrink, strategic planning district regulations.

**City Council**, 7 p.m., City Hall. Agenda: Budget hearings.

#### THURSDAY

**Parks and Recreation Dept.**, 4 p.m., Donner Center.

**Solid Waste Management Authority**, 7 p.m., City Hall.

**City Council**, 7 p.m., City Hall. Agenda: Budget hearings.

#### FRIDAY

**County Commissioners**, 8:30 a.m. Agenda: Special meeting to approve payroll claims only because the commissioner's regular June 15 meeting has been canceled.

## Lone Hope doctor establishes July 1 as date for retirement

### From Staff Reports

The only doctor currently practicing in Hope has announced his intent to retire effective July 1.

Dr. Carroll James, who has practiced in that city for the past 20 years, plans to travel and fill in temporarily for other doctors on vacation or sabbatical.

Prior to retiring, James, 64, is searching for a doctor to take over his practice, which serves 2,500 patients from the Hope, Columbus, Shelbyville and Seymour

areas.

If he is not successful in finding a new doctor, James said he will have refer his patients to other physicians.

# famous footwear

25th Street Shopping Center

# GIGANTIC!!

## Summer Clearance

# SIDEWALK SALE!

# INSIDE - OUTSIDE

## 1000's of Shoes

Marked with Red Clearance Sale Signs  
FOR YOUR SHOPPING CONVENIENCE  
WITH SAVINGS

## ENTIRE STOCK

SAVE UP TO

# On the Record

## County Calendar

### Bartholomew County

#### MONDAY

**Columbus Utilities Service Board, 11:30 a.m.**, Utility Service Center. Agenda: digester improvements change order; city street overlay, casting adjustments; acceptance of water and sewer improvements in Windsor Place; second phase of north corridor sewer improvements.

**County Board of Zoning Appeals, 7 p.m.**, Governmental Office Building. Agenda: Variance petitions by Richard J. Foxworthy to place a mobile home which does not meet the definition of a single-family dwelling on property on East Lakeshore Drive, Hope; and by Edward D. and Hazel Settle to construct an additional dwelling, which will be the second primary structure on the same lot, on South Road 875W.

**Hope Town Council, 7:30 p.m.**, Town Hall. Agenda: Personnel policy.

**Columbus City Council, 7 p.m.**, City Hall. Budget hearing.

#### TUESDAY

**Columbus Board of Works, 10 a.m.**, City Hall. Residents may comment or ask questions at the weekly meeting of city department heads.

**Columbus Board of Zoning Appeals, 2 p.m.**, City Hall. Agenda: Petitions for variances by Steve Pavey and Cathy Paris, for an above-ground pool to be built on easement on Greenbriar Drive; and Force Design Inc., on behalf of Arvin North American Automotive, to eliminate portion of landscape buffer at Walsboro Industrial Park.

**Columbus City Council, City Hall, 7 p.m.** Agenda: Hearing on petition to vacate a public right-of-way; second reading on additional appropriation for engineering department; first reading on zoning ordinances in Wesley Chapel and George Jr. Republic's proposed group home; city-county agreement on River Road.

**Flatrock-Hawcreek School Board, 8 p.m.**, Hope Elementary School cafeteria.

**Bartholomew County Hospital Board, 8 p.m.**, hospital board room.

#### WEDNESDAY

**County Plan Commission, 7 p.m.**, City Hall. Agenda: Petitions for England minor subdivision on Old Nashville Road; Fall Fork Hills minor subdivision on Indiana 48 and Road 300N, Harvest Hill Farms minor subdivision on Road 170W, Fowler South subdivision Phase I rezoning on west side of U.S. 31 south of Road 650N; discussion of keeping animals on residential property; Colony Parke concept plan.

**Columbus Human Rights Commission, noon**, Human Rights Commission conference room. Agenda: Executive committee meeting to set agenda for June commission meeting.

**Columbus City Council, 7 p.m.**, City Hall. Budget hearing.

#### THURSDAY

**Solid Waste Management District Board, 7 p.m.**, Governmental Office Building. Agenda: Hearing on 20-year solid waste management plan.

**Visitor Information and Promotion Commission, 7:30 a.m.**, 514 Franklin St.

**Family Service, noon**, 331 Franklin St.

### Brown County

#### MONDAY

**Nashville Town Council, 10 p.m.**, Town Hall. Agenda: Vehicle request.

## Police, Fire Records

EDITOR'S NOTE: The following information was summarized from the records of city, county and state police, fire and hospital agencies.

### Traffic Accidents

Unless otherwise indicated, persons were not injured or did not require hospitalization for injuries.

#### Friday

11:36 p.m. — Roads 250N and 425E: Doris J. Nickerson, 43, East Randall Street, when she swerved to miss a skunk, went off the road and struck a tree stump.

#### Saturday

12:35 a.m. — Eighth and Washington streets: An unknown vehicle which left the scene and a parked car owned by Carrie A. Plummer, Nugent Boulevard.

8:20 a.m. — Indiana 11 north of Road 650S: Keyne A. Blackwood, 18, Seymour, and Rebecca D. Disbro, 26, Pearl Street. Passenger in the Blackwood vehicle, Michele L. Williams, 18, Seymour, complained of head pain.

### Arrests

#### Saturday

Kevin J. Woods, 28, 755 McClure Road, on Bartholomew Superior Court II warrant for failure to appear and on Bartholomew Superior Court I warrant for forgery, at home, 8:55 a.m., was being held in lieu of \$819.53 cash bond.

Edward L. Mason, 35, 1433 Union St., on Bartholomew Superior Court II warrant on petition to revoke probation, at home, 9:40 a.m., was being held without bond.

Danny G. Mason, 32, 1433 Union

St., on Bartholomew Superior Court II warrant for failure to pay court costs and on petition to revoke probation, at home, 10:02 a.m., was being held without bond.

### Incidents

#### Friday

4:52 p.m. — Domestic problem in 400 block of Cleveland Street. Man arrested.

10:40 p.m. — Theft from vehicle in 3600 block of Jonathan Moore Pike.

10:50 p.m. — Person being harassed in 2900 block of 25th Street.

11:24 p.m. — Loud party at Grouse Ridge.

#### Saturday

12:45 a.m. — Suspicious vehicle in 14300 block of North Road 425E.

12:59 a.m. — Loud noises around NAPA Store on Harrison Street in Hope.

1:34 a.m. — Domestic problem on Circle Drive in Hope.

4:08 a.m. — Property damaged in 600 block of Chestnut Street.

10:18 a.m. — Domestic problem in 1000 block of Cottage Avenue.

10:22 a.m. — Vehicle broken into in 2500 block of West Carr Hill Road.

12:39 p.m. — Dirt bike being ridden on Patterson Road.

12:48 p.m. — Motorist needing assistance at Speedway Station on Jonathan Moore Pike.

12:58 p.m. — Motorist needing assistance in 500 block of Washington Street.

1:10 p.m. — Person being harassed in 1700 block of East Indiana 7.

1:15 p.m. — Domestic problem in 2900 block of South Road 600E.

### Medic I

Emergency ambulance service provided by Columbus Fire Department on a countywide basis. All runs to Bartholomew County Hospital unless indicated otherwise.

#### Friday

8:39 p.m. — County Stadium, Spear Road: David Stockhaver, 22, Harrison Drive, injured, treated and released.

7:32 p.m. — Ninth and Chestnut streets: Unit refused at a traffic accident.

#### Saturday

12:28 a.m. — 1500 block of 27th Place: Sondra Hadley, 28, ill at home, admitted, no condition report available.

7:28 a.m. — 2300 block of Fairington Court: Margaret Rothrock, 83, ill at home, admitted, no condition report available. Columbus Fire Department assisted.

8:26 a.m. — 2700 block of Williamsburg Way: Unit refused.

11:09 a.m. — 3400 block of North Road 350E: James Beam, 78, ill at home, admitted, no condition report available.

12:20 p.m. — 3300 block of Jonathan Moore Pike: Unit refused.

12:45 p.m. — 2800 block of Chestnut Street: Clara Clancy, 68, ill at home, admitted, no condition report available. Columbus Fire Department assisted.

3:43 p.m. — Interstate 65 7 miles south of Columbus: Unit not needed at a traffic accident. Southwest Volunteer Fire Department assisted.

4:16 p.m. — Interstate 65 11 miles south of Columbus: Unable to locate traffic accident. Jonesville Volunteer Fire Department also responded.

9:03 p.m. — 25th and Cherry streets: Unit not needed at a traffic accident.

### City Fires

#### Saturday

12:31 p.m. — Columbus North High School, 1400 block of 25th Street: False alarm.

3:28 p.m. — 14th and Sycamore streets: Dumpster fire.

7:44 p.m. — 3600 block of Candlelight Drive: Brush fire.

## Area Counties

### Jackson

#### Arrests

#### Friday

Shannon J. Collins, 20, Seymour, minor in possession, Indiana State Police, 5:45 p.m. Released at 9:02 p.m. on \$500 surety bond.

#### Saturday

Hallie J. Reed, 40, Seymour, driving while intoxicated, driving with a blood-alcohol content of .10 or greater, Brownstown police, 1:30 a.m. Released at 6:50 a.m. on \$1,000 surety bond.

#### Accidents

#### Saturday

Richard Lewis, 14; Sandon Hill, 17; and Tommy Robinson, 17, all of Seymour.

### Jennings

#### Rescue 20

#### Saturday

11:23 a.m. — Howard Snoddy, Community Care Center, transported to Jennings Community Hospital, returned 1:52 p.m.

1:15 p.m. — Ernest McWilliams, North Vernon, transported to Jennings Community Hospital.

4:03 p.m. — Joyce Blair, North Vernon, refused transport.

Alcohol & Drug Problem....

Help is available



TOVEY SA

## Calendar Of Events

Closed Tuesday Preparing For Our Super Summer Shoe Sale!



# the sweet story' nt Christ gives us

## mon of Week

bles some 2,000 years ago  
hat he gives to us today.  
e must start at the begin-  
We must begin with the  
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## ment & DOOR INC.

om of insulating homes and  
world isn't going to reduce  
g bills if you have old, worn

winter, dust in the summer  
to come right through the  
& DOOR INC., the area's  
replacement windows and

ated at 1930 National Rd. In  
this area's supplier of the  
duty, replacement windows  
mentioned problems as they

o glass enclosures, bay and  
, and much more.

From Your Business Commu-  
this outstanding firm on the  
e of their service.

story to those around us that may  
fall into any of these categories.  
You can do it with a smile. You  
can tell it with a handshake. You  
can do it with giving to someone  
in need. Most of all, remember:  
You can tell out the sweet story,  
you, yes, you!

Lord, help us to have the con-  
viction to do something today, the  
desire to tell someone today, the  
courage to go somewhere today, to  
see your will be done. Amen.

*Sermon of the Week is a  
project of the Bartholomew  
County Ministerial Association.*

## Crumbling values linked to crimes

Associated Press

NEW YORK — U.S.  
Attorney General William P.  
Barr suggests the rise of anti-  
Semitism and other hate  
crimes in the country are  
linked to "the crumbling of  
traditional values."

At a dinner last Sunday of  
Agudath Israel, an Orthodox  
Jewish movement, he said "re-  
ligious persecution has deep  
roots," but "current anti-  
religious activity" may be  
"fueled by increasing  
secularization."

He added, "I believe that  
these problems are related,  
and that the solution requires  
reinvigorating the strong reli-  
gious and moral traditions of  
this country."

## MAKE RECYCLING A HABIT

**GLASS:** Clean, rinsed bottles &  
jars. Sorted by color: amber, green,  
clear. (No lids or rings, labels OK)

**ALUMINUM & BIMETAL  
CANS:** Beverage cans. (No food  
cans)

**NEWSPAPERS:** Must be tied in  
bundles. (No magazines)

**CARDBOARD:** Corrugated or  
flat. (No waxed cardboard)

**MOTOR OIL:** Not mixed with  
anything.

**TELEPHONE BOOKS:** Old  
telephone books will be accepted.

**PLASTIC CONTAINERS:**  
Now Accepting!! All #1 (PETE)  
and #2 (HDPE) plastics EXCEPT motor  
oil containers.



(No caps, labels OK)

**APPLIANCES:** Washers &  
dryers. Refrigerators & ranges. Hot  
water heaters. Metal scraps.



### CENTER LOCATION:

Columbus City Garage  
2250 Kreutzer Drive  
Off Gladstone, Behind Cosco

**HOURS:** Every Saturday 8 AM  
to 3:30 PM

**OPERATED BY:** Solid Waste  
Management Authority

J  
U  
N



# Solutions discussed for children at risk

George Piper  
The Republic

One of Bill Barton's favorite sayings is the county's youth are everyone's children.

That being the case, Barton is gathering the "parents" together in a series of discussions aimed at finding new ways to deal with at-risk students in Bartholomew County.

The meetings are part of the Youth At Risk Initiative and the Step Ahead Team. Students up to age 21 are targeted in the Lilly Foundation/Heritage Fund initiative while Barton's assistant, Andy Helmich, heads the state-supported Step Ahead plan for children up to age 13.

Some 20 people representing social services, education, business and parents attended the first meeting Wednesday.

Two similar meetings are scheduled from 1 to 3:30 p.m. Tuesday and June 22 at the Jefferson Education Center, 1209 Sycamore St.

Two hundred students drop out of Bartholomew County high schools annually, Barton said, and several others stay in without success. With preschool and college programs and several service agencies in a small area, Barton believes at-risk students can be helped.

"It we can't make this work here, the country's in big trouble,"

he said.

Participants listed reasons why students drop out — lack of motivation, and self-discipline, among others. Barton noted that several of those fall outside the school's realm.

Similarly, the barriers that keep kids from completing school, such as negative peer influence and no positive role models, are often beyond the school's control.

While the factors weren't original, participants developed creative, innovative solutions.

More than 40 ideas were proposed from six situations, ranging from creating an effective in-school suspension policy with community involvement to integrating community resources into the education process.

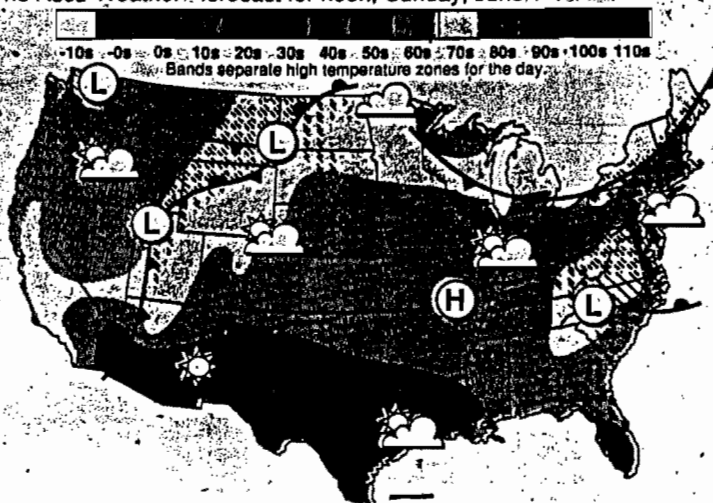
For example, every student has a talent, but those talents aren't always applicable to the current curriculum. Those talents need to be fostered in the best way for the child.

Students also can take classes after school or at night to meet with business representatives in the student's field of interest. These representatives also can meet in class with students to discuss career choices or act as role models.

Barton said all suggestions will be compiled and be discussed at a large community meeting at summer's end.

## Weather

The Accu-Weather® forecast for noon, Sunday, June 14



Via Associated Press

## U.S. Temperatures

Associated Press  
Temperatures indicate high and overnight low to 7 a.m.

Albany, N.Y.	87
Albuquerque, N.M.	86
Anchorage	71
Annapolis	64
Atlanta	80
Atlantic City	80
Austin	80
Baltimore	72
Birmingham	72
Bismarck	69
Boise	69
Boston	69
Brownsville	80
Butte	69
Burlington, Vt.	69
Casper	72
Charleston, S.C.	72
Charleston, W. Va.	72
Charlotte, N.C.	72
Cheyenne	69
Chicago	71
Cincinnati	71
Cleveland	71
Columbia, S.C.	72
Columbus, Ohio	72
Concord, N.H.	69
Dallas-Ft. Worth	80
Dayton	71
Denver	69
Des Moines	69
Detroit	71
Duluth	69
El Paso	71
Fort Worth	80
Ft. Worth	80
Grand Rapids	71
Greenville, S.C.	72
Greensboro, N.C.	72
Hartford	71
Havana	80
Honolulu	80
Houston	80
Jackson, Miss.	80
Jacksonville	80
Juneau	69
Kansas City	71
Las Vegas	80
Little Rock	72
Los Angeles	80
Louisville	81
Lubbock	71
Memphis	71
Miami Beach	80
Midland-Odessa	80
Minneapolis	71
Mobile, Ala.	80
Monterey, Calif.	71
Nashville	71
New Orleans	80
New York City	71
Norfolk, Va.	71
North Platte	71
Oakland	71
Oklahoma City	71
Omaha	71
Orlando	80
Philadelphia	71
Phoenix	80
Pittsburgh	71
Portland, Maine	71
Portland, Ore.	71
Providence	71
Raleigh-Durham	71
Rapid City	71
Reno	71
Richmond	71
Sacramento	71
St. Louis	71
Salt Lake City	71
San Antonio	80
San Diego	80
San Francisco	80
San Juan, P.R.	80
Santa Fe	71
Sioux Falls	71
Spokane	71
Springfield	71
Tampa-St. Petersburg	80
Tucson	80
Tulsa	80

NATION'S HIGHS  
High 100 at Phoenix, Tex.  
Low 18 at Truckee, Calif.

## Local Data

LOCAL TEMPER

Friday high .....  
Low 7 a.m. Fri-7 a.m. Sat .....  
Saturday high .....  
Low 7 a.m. Sat-7 a.m. Sun .....  
At 10 p.m. Saturday .....  
RECORD TEMPE

High June 13 .....  
Low June 13 .....  
ONE YEAR

June 13 .....  
PRECIPITA

7 a.m. Fri-7 a.m. Sat .....  
7 a.m. Sat-7 a.m. Sun .....  
Since Jan. 1 .....  
Below normal .....  
RIVER ST/

At 10 p.m. Saturday .....  
SUN TIME

Sunset today .....  
Sunrise Monday .....

## Nation

**IDAHO SNOW** — Snow fell Saturday in the mountains of Idaho, while rain fell on much of the rest of the nation.

Gusty winds produced unseasonably cool temperatures along the West Coast, and there was a chance of snow sometime during the weekend along California's Sierra Nevada range. As much as 2 inches of snow fell Saturday in parts of Idaho's west-central mountains.

Heavy rain caused flooding near Follett, Texas, and thunderstorms produced 3.20 inches of rain near Noxon, Mont.

## Region Forecast

**LOUISVILLE** — Today: 50 percent chance showers and thunderstorms, fog tonight. Monday: Sunny, highs low to mid-80s.

**CHICAGO** — Today: Highs in the lower 80s, lower 70s near lake, lows in the 50s. Monday: Sunny, cooler.

## Indiana Forecast

**NORTH** — Today: Partly sunny, highs in lower 80s, low middle 50s. Monday: Partly sunny, high upper 70s.

**CENTRAL** — Today: Partly sunny, 30 percent chance afternoon thunderstorms. Monday: High lower 80s.

**SOUTH** — Today: 50 percent chance thunderstorms, high middle 80s, low near 65. Monday: High in upper 80s.

## Local Forecast

TODAY	MON	TUES	WED	THURS
85/64	85/64	88/66	93/69	93/71
Partly sunny and warm.	Partly sunny and warm.	Very warm, chance of storms.	Very warm, chance of storms.	Very warm, chance of storms.

# County to lay waste to managing trash?

Jon Gard  
The Republic

A long-range plan for dealing with Bartholomew County trash is nearing adoption, but it means nothing unless elected officials embrace the spirit of the project, according to those involved in the effort.

"Clearly, elected officials have to buy into all of the plan if it's going to be useful," said Jim Durham, chairman of a citizen's advisory committee to the Bartholomew County Solid Waste District Board.

A public hearing on a draft of the 20-year plan is scheduled for 7 p.m. Thursday at the Bartholomew County Governmental Offices building.

Development of a 20-year waste management plan was the primary duty of district boards, which were established by state lawmakers two years ago. In this county, the advisory committee has taken an active role in drafting the plan.

"The biggest step is laying it all out," Durham said. "This is the first time that's ever been done. It's a significant step."

"Even having this document is an admission that you have a problem, and it spells out for the elected officials what the expectations are in terms of financing," he said.

The district board is comprised of elected officials — the mayor of Columbus, a city councilman, the county commissioners, a county councilman and a town council member.

They must adopt the plan and send it to the state for approval in July. The board and its peers will

## Meeting slated

**WHO** — Bartholomew County Solid Waste Management District Board.

**WHAT** — Public hearing on a draft of the 20-year solid waste management plan. Copies of the draft are available in Bartholomew County Library.

**WHEN** — 7 p.m. Thursday.

**WHERE** — Bartholomew County Governmental Offices Building, Third and Franklin streets.

determine if local waste management is a success or failure.

As proposed, the plan eliminates some courses of action, such as incineration, and embraces other ideas, such as curbside collection of recyclables.

Michael Totten, a city councilman and chairman of the district board, agrees that the plan is a valuable blueprint for efficiently managing the community's waste.

But he said local officials already considered each of the ideas presented in the plan and already are trying some, such as development of a new recycling center.

"Since about 1989, we've been pro-active in this area, not looking toward next week, but toward the year 2000," Totten said. "It's an affirmation of what we've been doing all along."

Although the 20-year plan will help in long-range planning, Totten said the July deadline required by the state is poorly timed.

## Alumni banquet set for Paris Crossing

**SEYMOUR** — The 21st Paris Crossing Alumni Association Banquet is scheduled for Saturday, June 20, at the Pines Evergreen Banquet Room on U.S. 31.

More information: Marie M. Garrity at 348-4924 or 348-3828.

Another Hilliard Lyons Capital Idea:



Nothing Is  
Better For Thee

JC officials  
locate, grab  
pot plants

From Staff Reports  
State and local authorities

"Deere" Dad  
Sale

## Air Race Classic visits Bloomington

By Nancy Wheeler  
The Republic

When the Air Race Classic, formerly the Powder Puff Derby, begins June 26 in Thermal, Calif., members of the Indiana Chapter of the Ninety-Nines, International Organization of Women Pilots, will be timers and ground crew at the Bloomington Airport turnaround point.

Planes are expected around 3 to 4 p.m. June 27 in Bloomington.

Susan Collier of Bloomington and teammate Nancy Toon of Atlanta will pilot a Mooney 20F, one of 40 entries in the race.

Pilots fly over a specific runway at a certain altitude to be timed, local member Nancy Warren said. Then, they either come in for a landing and refuel or go on to the next stop.

Timers and ground crew help the race progress as pleasantly as possible for the pilots.

They want two things when they land — ice water and a telephone to check weather reports, she said.

"They play games with the weather and winds," Warren said. "It's a numbers game, a strategy game."

She described the women as "fierce competitors."

"(At one time) the gals were so competitive they waxed their rivetheads. Some have worn paper clothing to cut down on weight. They're out to win," she said.

One pilot told Warren she considered using her as a teammate because she was petite but decided against it because Warren is a smoker. The pilot explained she may

have to fly high to catch a good wind and would not carry the extra weight of an oxygen tank for someone who may have trouble breathing.

Warren said the closest she's come to participating in the race was in the late 1980s when she was official stop chairman.

Warren's modified plane doesn't qualify for the race.

"You have to have a stock airplane. A lot goes into it. It costs several thousand dollars to get the plane in shape," Warren said.

Itinerary for the 2,615.65 statute miles includes stops in Holbrook, Ariz.; Tucumcari, N.M.; Hays, Kan.; Kirksville, Mo.; Bloomington; Dyersburg, Tenn.; Mena, Ark.; and terminates at Elk City, Okla.

The Women's Air Derby began in 1929, at the Cleveland air races, garnering nicknames such as "Petticoat Pilots" and "Flying Flappers." It became known as the "Powder Puff Derby," a name the women later adopted for the event.

The Ninety-Nines got their name from the number of women pilots who became charter members of the flying organization. Amelia Earhart became the first elected president in 1931. Over 6,500 women are members.

Admission is free to Classic '92 at Bloomington Airport.

Featured will be civilian and antique aircraft, a brass band, displays, food, and participation by the Confederate Air Force and Civil Air Patrol.

The Indiana chapter of Ninety-Nines, covering an area from Lafayette to Evansville, will meet in Columbus in July.

## Proposed county plan reduces trash

By Jon Gard  
The Republic

Bartholomew County could cut by 25 percent the amount of trash it generates if it follows a strict regimen of recycling and public education, according to a proposed 20-year waste management plan.

Primary efforts under the plan would include:

- Tripling the amount of newspaper collected.

- 100 percent diversion of yard waste from the landfill.

- Doubling the use of drop-off recycling services.

- Establishing curbside pickup of cardboard and office paper from businesses and small industries.

- Encouraging further industrial metal and paper recovery and reuse of foundry sand.

A public hearing on the plan is scheduled for 7 tonight at the Bartholomew County Governmental Offices Building. The County Solid Waste Management District Board is required by state law to adopt the plan by July 1.

The plan also reports that progress in finding new landfill capacity is necessary by early- or mid-1993 "in order to avoid a crisis situation."

Changes in solid waste management practices through 1996 are expected to cost about \$1.8 million. A copy of the plan is available at Bartholomew County Library.

The county already diverts about 37.4 percent of its waste, according to the plan, which is higher than a state-mandated goal of 35 percent for 1996. But it can

divert up to 64.5 percent by 2011, the plan says.

Other long-range programs include diversion of 95 percent of the tires from the landfill and implementation of mandatory residential curbside collection in all cities and towns.

Although the board is authorized to levy a property tax to pay for these services, no such provisions are made in the 20-year plan. Funding for waste management services this year comes primarily from disposal fees and existing tax revenue.

## Decatur Mold expansion adds employees

From Staff Reports

**NORTH VERNON** — Decatur Mold, Tool and Engineering Inc., a leading producer of molds for plastic injection lines, will initiate a \$1 million expansion in July.

The firm will build a 23,500-square-foot addition and increase its capacity with the addition of two 7.5-ton, two 15-ton and one 30-ton hoist.

More than half the addition will be dedicated to

manufacturing, while the remaining 9,200-square-feet will be added through the construction of a two-story engineering complex.

Because of the expansion, the work force at the plant will grow from 104 to 133 employees.

Its engineering capacity will increase through five new lead engineers, two new computer operators and two new designers. Fifteen new toolmakers will increase production capacity. Other

additions will be made in maintenance, clerical and sales areas.

Richard Apsley, president of the firm, said the expansion will assist Decatur in becoming more competitive in the global marketplace.

Jennings County Council Monday granted the company a 10-year tax abatement on equipment and real estate. Apsley said the expansion would not have

been possible without the expanded water lines installed last year by Jennings Water, the county's assistance and a state grant a year earlier.


Decatur Mold, Tool and Engineering Inc. was founded in February 1966 in Jennings County. It is the county's largest locally owned manufacturing employer and sixth-largest provider of jobs overall.

### MEN'S TOY SHOP, INC. Father's Day Headquarters

Doesn't Dad deserve something special this year? We have hundreds of unusual Father's Day gifts. Come over and browse.



Just North of Courthouse  
on Van Buren St., Nashville, 988-6590



**THE MOST UNUSUAL CLUB IN SOUTHERN INDIANA**  
**Totem Pole Night Club**  
Appearing Fri. & Sat. June 19 & 20, 8 p.m.  
Branded Band  
Saturday 8 p.m. \$12.00 per person  
**FREDDIE HART**

- Largest dance floor in southern Indiana.
- FREE two-step lessons every Wed., 7:30 p.m.
- Enjoy great food and cocktails at Leonard's Restaurant. Also available camping, fishing, swimming, 260 ft. water slide and much more!

**Leonard's RESTAURANT**

5 mi. south of  
Vernon on Hwy. 7  
873-8000  
372-1252

**Broomsage RANCH**

# Waste district urged to include more 're' in plan

By Jon Gard  
The Republic

6-19-98

Several comments at a public hearing Thursday called for more ambitious efforts in reduction, reuse and recycling, but no major overhauls in a 20-year plan for managing waste in Bartholomew County.

Officials drafting the plan will make final changes before considering the document for formal adoption on July 1.

Richard Wigh, an engineering consultant who drafted the plan in accordance with state law and with direction from a citizens advisory committee, said he had received many comments since preparing a final draft in May.

"I have a whole thick folder full," he said.

One of the most significant suggestions called for the elimination of a proposal in which city sanitation crews would have collected old newspapers and aluminum cans on the same days they collected trash.

The plan called for the installation of extra racks or bins on the outside of trash trucks. This was favored because it would have been convenient for residents and was scheduled for implementation as early as next year.

But some said there was no place on the trucks to attach extra bins, weather would have created havoc, and bins for trash and recycleables would have filled at different times, requiring frequent trips for unloading.

Instead, they proposed an earlier startup for a separate curbside recycling program.

Amendments will be considered in a meeting of the advisory committee at 7 p.m. Thursday in City Hall. The Bartholomew County Solid Waste Management District board will vote on the plan July 1, the same day it is due at the Indiana Department of Environmental Management.

Among other comments received the past couple of weeks and Thursday:

- Place an earlier emphasis on recycling lower grades of paper,

such as junk mail, if markets are available. The plan already calls for a significant increase in the diversion of office paper and cardboard from the landfill.

- Although a survey of large businesses showed that many are actively involved in waste reduction, their continued efforts should be required in the plan.

- Require local governments to establish policies favoring recycled materials in their purchase of goods.

- While the plan mentions the need for additional dropoff recycling bins in Taylorsville and Elizabethtown, it should also address the need for one on the west side of Columbus.

- The plan calls for the establishment of a landfill tipping fee for even the smallest generators of trash, so tougher penalties should be imposed to discourage open dumping.

State law requires a revision of the plan every five years, but Jim Durham, chairman of the citizens advisory committee, said his group plans to review the district's progress every year, and will probably suggest a revision at least every other year.

The plan calls for an increase in waste reduction, reuse and recycling from 71,133 tons, to 122,770 tons within 20 years through a wide range of new programs and incentives.

This would increase diversion from 37.4 percent to 64.5 percent by 2011 and decrease disposal at the landfill from 199,124 tons to 88,000 tons.

Wigh said new programs in the plan would cost an additional \$1.8 million over the next five years, with funding expected to come from taxes, user fees, grants, the sale of recycleables, and savings from more efficient collection and disposal methods.

Copies of the plan are available at Bartholomew County Library or the Columbus-Bartholomew Solid Waste Management Authority, which moved its offices this week into the new recycling center behind City Garage.

# Counties plan to recycle, reduce landfill waste

From Staff Reports

Area counties are charting different waste-management paths, but they all lead toward more recycling and less landfilling.

Newly formed districts were required to submit their 20-year plans for managing solid waste by Wednesday to the Indiana Department of Environmental Management.

Fifty-one counties in the state are acting alone, while 10 districts include more than one county. The state hopes communities will reduce up to 35 percent of their waste by 1996 and up to 50 percent by 2000.

Communities are considering a wide range of options, from publicly and privately owned or operated recycling programs to consideration in southern Indiana of a waste-to-energy facility.

"The goal is to find ways to circumvent landfilling" because residents resist building or expanding local landfills, said Robert E. Blattert, president of R.E. Blattert & Associates, In-

dianapolis. The consulting firm drafted plans for several counties, including Johnson.

Most districts submitted their plans on time, despite having only a year to complete their studies, according to Timothy Method, IDEM assistant commissioner for solid waste. Districts must update their plans every five years.

Here is where Columbus-area districts stand on their 20-year plans:

## Bartholomew County

The Bartholomew County district board adopted its plan Wednesday and was to hand-deliver it to Indianapolis today.

According to the plan, significant progress on new landfill capacity is needed within a year, even with an ambitious recycling program, for the county to avoid a crisis.

The plan calls for the continued development of a new recycling center, a curbside recycling program and reductions in industrial waste to meet a goal

of diverting nearly 60 percent of the local waste stream by 2001.

## Jackson County

Jackson County Solid Waste Management District approved its 20-year management plan on June 5 and submitted it to IDEM.

Cornerstones of the plan are recycling and source reduction.

Jackson County's plan estimates a 46 percent reduction this year and 49 percent by 1995. Those reductions are expected to result from recycling, composting and reducing waste generated by industries.

## Brown County

Brown County's 20-year management plan was approved on June 18 and submitted to IDEM.

The district decided not to buy the Brown County Landfill, but rather to move ahead with development of a transfer station. When it is finished, trash will be collected and compacted there for shipment outside the county.

However, the landfill owned by Brown County Landfill Inc. will be used as long as it is available, probably another 12 to 14 years.

## Decatur County

The 20-year plan submitted by Decatur County would lower the use of public landfills and encourage recycling, although the community is under little immediate pressure to find alternatives.

Norma Bainbridge, fiscal officer of the Decatur County Solid Waste Management District Board, said a new landfill built two years ago had a 20-year life expectancy.

## Jennings County

Jennings County, under its district plan, would bring a recycling coordinator to the area by 1993. This person would be responsible for all educational programs dealing with waste reduction.

The plan also proposes eight regional drop-off facilities and

discusses the curbside collection of trash at an estimated cost of \$2.50 per household each month.

Overall, the plan could cost the county up to \$2 million.

## Johnson County

The district board in Johnson County hasn't finished its 20-year plan yet, but expects a preliminary draft next week. Then the board must open the plan to public review for 30 days before formally adopting it and sending it to the state.

This county has no landfill or other disposal facility, either publicly or privately owned, so it cannot assess a tipping fee or easily limit what can be thrown away.

But officials said they plan to hire a full-time staff to promote recycling. Funding for its activities will come from a new property tax dedicated to waste-reduction efforts.

# PUBLIC SERVICE

## ANNOUNCEMENT

**\*\*\* For Immediate Release \*\*\***

TO: Columbus Area Media

FROM: Solid Waste Management Authority

SUBJECT: Free Mulch !!

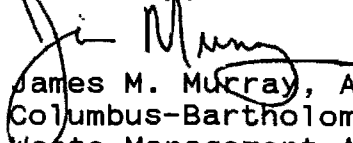
WE'RE OVERSTOCKED!! Attached please find information regarding the ongoing distribution of **Bartholomew**

### **Municipal Mulch.**

Sponsored by the City of Columbus-Bartholomew County Solid Waste Management Authority, the chipping of limbs and brush is an effective means of reducing the flow of "waste" to our landfill. This processing yields a fine mulch material suitable for use by local residents.

We have mountains of mulch, made from collected tree trimmings, ready for your use. Please help us to spread the word! Your dissemination of this information, as often as your schedule permits, would be of great assistance.

Sincerely,

  
James M. Murray, Administrator  
Columbus-Bartholomew Solid  
Waste Management Authority

# Have We Got



# Mulch !!



**Bartholomew Municipal Mulch**, is produced from your tree trimmings and limbs. Our mulch is available on an ongoing basis (*loading hours listed below*). Whole tree mulch, resembling chipped and shredded wood, is perfect as:

- \* A weed barrier around trees and shrubs - It effectively prevents the emergence of annoying grass and weeds by forming a mechanical hindrance to their emergence.
- \* An effective moisture and warmth retainer - It helps to block the cold of winter and retain much needed moisture during the heat of summer.

**LOCATION:** Columbus-Bartholomew  
Yard Waste Site  
720 South Mapleton St.  
(Off State, Beside the  
Columbus-Bartholomew  
Recycling Center)

**WHEN:** Loading Tues. &  
Thursdays  
Only  
9 - 11 a.m.  
1 - 3 p.m.  
Load it yourself  
Anytime !!

**COST:** No charge for a pickup truck load that YOU LOAD YOURSELF. \$ 5.00 per standard pickup truck load if we load you. Private residents only, please!  
*Please stop at the Columbus-Bartholomew Recycling Center office first if you wish to be loaded.*

**SPONSORED BY:**



a program of the Solid Waste Management Authority, please call 376-2614 for more information.

City of Columbus — Bartholomew County  
**olid Waste Management Authority**

720 South Mapleton Street  
Columbus, Indiana 47201-7353  
[812] 376-2614

**PUBLIC SERVICE**

**ANNOUNCEMENT**

**\*\* FOR IMMEDIATE RELEASE \*\***

Attached, please find information pertinent to the distribution of **Columbus Metro-Gro Compost**. Sponsored by the City of Columbus-Bartholomew County Solid Waste Management Authority, composting is a cost-effective means of reducing the flow of "waste" to our landfill. Additionally, this process yields a rich compost material suitable for use by local residents.

Our second year's compost, made from collected leaves and grass clippings, is ready for use. Please help us to spread the word! Your airing of this information, as often as your schedule permits, would be of great assistance.

Sincerely,

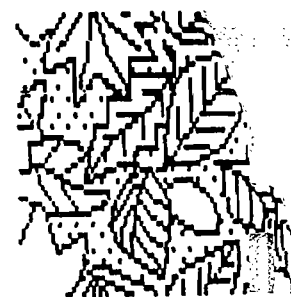
Jim Murray, Administrator  
Columbus-Bartholomew Solid  
Waste Management Authority



Printed on recycled paper.



# The Compost is Ready !!!



\*\*\*\*\*

**Columbus Metro - Gro Compost**, produced from your leaves and grass, is now ready for your use. Compost, resembling rich, dark topsoil is perfect as:

- \* A nutritive soil amendment - It enhances the soil in your garden, flower beds, and potted plants by providing needed organic and inorganic nutrients and improving the tilth of the soil.
- \* An effective mulch around trees and shrubs - It helps retain moisture and block the cold of winter.

**LOCATION:** Columbus-Bartholomew  
Yard Waste Site  
720 South Mapleton St.  
(Off State, Beside the  
Columbus-Bartholomew  
Recycling Center)

**WHEN:** Sept. 14-  
Oct 3 or  
until gone  
**Weekdays**  
9am-11am &  
1pm-3pm  
**Saturdays**  
8am-3:30pm

**COST:** No charge for a pickup truck load that YOU LOAD YOURSELF. \$ 5.00 per standard pickup truck load if we load you. Private residents only please!  
*Please stop at the Columbus-Bartholomew Recycling Center office first if you wish to be loaded.*

**SPONSORED BY:**



a program of the Solid Waste Management Authority, please call 376-2614 for more information.



You are Invited to an  
**OPEN HOUSE**



At the New

**Columbus**



**Bartholomew  
Recycling Center**

Wednesday, October 21

From 9-10 am

720 South Mapleton Street

A brief dedication by  
Mayor Stewart and  
the County Commissioners  
will be followed  
by tours of the facility.  
Refreshments Will Be Served.

# WHERE TO RECYCLE

## OLD NEWSPAPERS

\*\*\*\*\*

List Effective 8/92, please call to confirm acceptance

All Newspapers MUST Be Tied In Bundles  
With String or in a Paper Grocery Sack.

Boy's Club  
400 N. Cherry Street  
24 hr. drop-off site  
372-1422

First Christian Church Drop-off Site  
Brick Building Behind Dairy Queen on  
Lafayette Street  
24 hr. drop-off site  
379-4491

Knights of Columbus  
*Will pick-up*  
Call Steve Riga (372-7913)  
For more information

St. Peter's Lutheran Drop-off Site  
Brick building in the lot East of the School  
Fifth & Chestnut Streets  
24 hr. drop-off site  
372-1571

Columbus-Bartholomew Recycling Center  
720 Mapleton Street (376-2614)  
Tuesdays and Thursdays 7:30 am-3:30 pm,  
Saturday 8 am-3:30 pm



Center Location: Columbus-Bartholomew Recycling Center  
720 South Mapleton Street  
Columbus, IN 47201-7353  
Phone: (812) 376-2614 Information: (812) 376-2617  
Hours: Tuesday & Thursday 7:30 a.m. - 3:30 p.m.  
Saturday 8:00 a.m. - 3:30 p.m.

Operated By: Solid Waste Management Authority

**ITEMS ACCEPTED**

GLASS: Clean bottles and jars--Sorted by color: amber, green, clear (No lids or rings, labels O.K.)

ALUMINUM & BIMETAL CANS: Beverage cans

TIN CANS: Food cans MUST be rinsed clean and labels removed

NEWSPAPER: Dry newspaper only

CARDBOARD: Flattened (No waxed cardboard)

WHITE BOND PAPER: Includes white paper only: copy, tablet and letterhead

COMPUTER PRINT OUT: Greenbar, bluebar and white print out paper

PLASTIC CONTAINERS: #1 (PETE) SODA BOTTLES ONLY



#2 (HDPE) MILK, ORANGE JUICE AND WATER JUGS; DETERGENT AND BLEACH BOTTLES.

**\*\* PLASTIC CONTAINERS MUST HAVE HELD A LIQUID AND HAVE A SEAM ON THE BOTTOM\*\***

APPLIANCES: Washers & dryers, ranges and metal scraps  
No refrigerators, freezers or air conditioners

MOTOR OIL: Not mixed with anything

**-MAKE RECYCLING A HABIT-**

**Premium  
Recycled**  
(Waste Paper 50%)

17th Street

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Robison  
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he said.

The crew had experienced some problems before the accident, but Robison said it was not "life threatening."

"We had to be more careful. The false that supported the bridge wasn't coming out easily, but that's a part of construction," he said.

Robison said he is not sure when he will return to work, but he plans to talk with Indiana Occupational Safety and Health Administration officials later today.

"Physically I will be OK. I have a few cuts and bruises and I'm sore all over. Fortunately, there was no serious damage done," he said.

of guardrails.

The bridge is scheduled to be opened as the main entry to the hospital by mid-July, after laying of roadwork.

## Inside:

■ Somber crew returns to work at scene of fatal accident.

■ Monday's death is second to mar hospital expansion project.

■ Another photo.

*All on Page A8.*

# Recycling workers sought

## SWMA wants funds for expanded operation

By Paul Wagner

The Republic

Bartholomew County's Solid Waste Management Authority plans to request three more full-time employees to expand its recycling center hours and take over the operation of a sand dump, officials told the Columbus City Council Monday.

The city and county pay about half of the SWMA budget. The city's portion is \$855,600 this year and would increase to \$875,000 under the request.

SWMA administrator Jim Murray said he will ask County Council later this summer to allow him to hire two employees and a loader to operate a foundry sand dump at the city garage instead of paying a contractor for the service.

The SWMA pays about \$120,000 a year for a contractor and would save about \$30,000 a year by doing it on its own, Murray said.

Another full-time employee

and a part-time staff member is needed to expand recycling hours to five days a week at the new center at 720 S. Mapleton St. Recycling hours are currently on Saturdays but are scheduled to increase to three days a week in mid-July when the new recycling center opens.

Murray said revenue generated from the recyclables collected under a five-day operation would be enough to fund most of the salary and benefits of the extra staff. Proposed salaries would range from \$6 to \$9 per hour.

The SWMA cost is part of a \$2,375,391 Board of Public Works and Safety budget request.

The board of works budget also includes a new \$30,000 line item to provide alternative work assignments for employees injured at work and unable to perform their regular jobs.

Deputy Mayor John Baughn said the funds would be used to allow employees to come back to work instead of relying on

worker's compensation.

The council also heard a \$210,420 request from the Department of Administration. Baughn said the department consolidates administrative salaries that were a part of the board of works budget and the city's proposed \$77,000 personnel department.

Other budget requests heard Monday were the Parks and Recreation Department, which proposed a 2.4 percent increase to \$2.11 million from \$2.06 million this year; City Cemetery, which proposed a 2.9 percent increase to \$48,061 from this year's \$46,716; the Human Rights Commission, which proposed a 3 percent increase to \$117,857 from this year's \$114,478; the clerk-treasurer's office, which proposed a 3.2 percent increase to \$170,689 from \$165,427; and the mayor's office, which proposed a 2.2 percent increase to \$139,888 from this year's \$136,923.

# Landfill proposal gets cool welcome

## Commissioners want committee that would discuss expansion

By Jon Gard  
The Republic

A cool reception Wednesday greeted plans for an informal committee that would allow officials and neighboring property owners to discuss features of a proposed expansion at Bartholomew County Landfill.

Members of the county Solid Waste Management District Board liked the idea of forming such a committee, saying it would improve communication and ease animosity between those who want an expansion and those who do not.

But an attorney newly hired to represent the property owners in their fight against the expansion questioned the timing.

"Any time you can get two factions together to discuss remedies it's a good sign," said attorney Richard Eynon after the board meeting.

"But I'm a little concerned that they want to do this immediately after they file a petition to rezone the property," he said. "This could have been done months ago."

County commissioners requested formation of the special committee.

### Plan Review

A proposed long-range plan for managing solid waste in Bartholomew County has been amended and soon will be presented for public review.

Several minor changes recommended by the Indiana Department of Environmental Management were incorporated and will be reviewed by the Solid Waste Management Advisory Committee, which meets at 7 p.m. next Thursday on the fourth floor of the county Governmental Offices Building.

Engineering consultant Richard Wigh on Wednesday said the revised plan could be adopted at the Jan. 20 meeting of the county Solid Waste Management District Board, following a 30-day public review period.

State law requires all districts in Indiana to outline their goals for recycling and waste reduction, disposal and funding for the next 20 years.

From Staff Reports

### Waste meeting

Bartholomew County's Solid Waste Management Citizens Advisory Committee will meet at 7 p.m. Thursday to consider revisions in the community's 20-year waste management plan.

A copy of the plan is available at Bartholomew County Public Library.

The group's quarterly meeting will be in the fourth-floor County Council chambers at the Governmental Offices Building, Third and Franklin streets.

Also scheduled for discussion is the upcoming landfill ban on appliances and additional staffing at the Recycling Center.

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