

RESOLUTION 13-2

**A RESOLUTION TO ADOPT A FIVE YEAR SOLID WASTE
RECYCLING ACT PLAN UPDATE**

WHEREAS Montgomery County adopted a Twenty Year Solid Waste Management Plan in 1994 as required by Illinois State Law in the Illinois Compiled Statutes, Chapter 415, Sections 15/1 et. seq., commonly known as the "Solid Waste Planning and Recycling Act"; and

WHEREAS that the Solid Waste Planning and Recycling Act requires that Montgomery County adopt a Five Year Municipal Waste Management Plan Update in the Illinois Compiled Statutes, Chapter 415, Section 15/5 (e); and

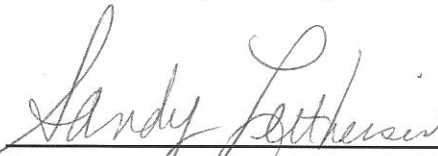
WHEREAS that the Montgomery County Solid Waste Department has prepared a Five Year Municipal Waste Management Plan Update which has been reviewed by the Illinois Environmental Protection Agency and found to be in compliance with the Solid Waste Planning and Recycling Act;

THEREFORE, BE IT RESOLVED that Montgomery County, in order to be in compliance with Illinois State Law and to encourage the conservation of our natural resources, hereby adopts the attached Five Year Municipal Waste Management Plan Update to the original Twenty Year Solid Waste Management Plan.

PASSED this 16th day of April, 2013.



Montgomery County Chairman, Roy Hertel



Montgomery County Clerk/Recorder, Sandy Leitheiser

FIVE YEAR MUNICIPAL WASTE MANAGEMENT PLAN UPDATE

The Agency has prepared this form to assist local governments with the five year updates of municipal waste (MW) plans. Although local governments may prepare and submit a more extensive document, the Agency will consider submission of this completed form to be the plan update required under the Solid Waste Planning and Recycling Act (SWPRA).

Attach additional labeled pages as necessary.

GENERAL INFORMATION

Local Government: Montgomery County

Contact Person: Bill Gonet

Address: Montgomery County Environmental Protection Department
P.O. Box 311
Hillsboro, IL 62049

Telephone: 217-532-9624 Plan Adoption Date: 1995

Re-Adoption Date: 2001 & 2007 Plan Update Due: 2013

1. Recommendation and Implementation Schedule Contained in the Adopted Plan

This information should be easily accessible in the plan's Executive Summary or Recommendations chapter. Briefly describe the recommendations and implementation schedule for each alternative in the adopted plan below.

a. Source Reduction

See Page #1-A - Attached

b. Recycling and Reuse

See Page #1-B - Attached

c. Combustion for Energy Recovery

See Page #2-C Attached

d. Combustion for Volume Reduction

See Page 2-D Attached

e. Disposal in Landfills

See Page 3-E Attached

2. **Current Plan Implementation Efforts**

a. Which recommendations in the adopted plan have been implemented?

See Page 1-A (1-7) Attached

See Page 3-E (1&3) Attached

Briefly describe which recommendations were not implemented and the reasons why these were not implemented.

See Page #1-A (#8) too costly

See Page #1-B(/#8) & 2-B(#13) There are landscape waste collection sites located in Nokomis, Litchfield & Hillsboro.

See Page #2-D(#1) & 3-D(#7) Burn barrels are regulated by City/Village Ordinances. Provide information and educational material to municipalities concerning burn barrels.

- b. Which recommendations in the adopted plan have been implemented according to the plan's schedule?

Page 1-A (1 & 7)

Page 1-B & 2-B = (1-7 & 9-11)

Briefly describe which recommendations were not implemented according to the adopted plan's schedule, and attach a revised implementation schedule.

Page 2-D & 3-D(2,3,4, & 7)

Burn barrels and landscape waste are regulated through City/Village Ordinances

3. **Recycling Program Status**

Because the Agency's annual landfill capacity report includes data on each adopted plan's recycling status, information on your recycling percentages is not being requested on this form. This will avoid duplication of efforts.

- a. Has the program been implemented throughout the county or planning area:
yes no
- b. Has a recycling coordinator been designated to administer the program?
yes no If yes, when? _____
- c. Does the program provide for separate collection and composting of leaves?
yes no
- d. Does the recycling program provide for public education and notification to foster understanding of and encourage compliance with the program?
yes no
- e. Does the recycling program include provisions for compliance, including incentives and penalties?
yes no If yes, please describe.
-
-
-

- f. Does the program include provisions for recycling the collected materials, identifying potential markets for at least three materials, and promoting the use of products made from recovered or recycled materials among businesses, newspapers, and local governments?
yes no If yes, please describe.

Montgomery County Recycling collects cardboard, steel cans, aluminum cans, plastic containers and other fiber type material from several drop offs and businesses around the county. We then bale the collected material and ship to mills for end use processing. The material is then turned into products made from recycled material and sold as marketable recycled product, which is then sold back to the general public and/or businesses to close the recycling loop. In our efforts to educate more citizens and businesses in our county, on the importance of recycling, we also discuss the benefits of reducing waste and buying recyclable products and/or products made from recycled material.

g. Provide any other pertinent details on the recycling program.
See Attachment Pages #4-9

Attachment Page #4 - Recycling Brochure

Attachment Page #5 - Some Recycling Facts from Montgomery County

Attachment Pages #6-#9 - Weights & Revenues from '1996 thru '2012

4. **Current Needs Assessment Information (optional)**

Depending upon the available resources, updated waste generation data, current municipal waste recycling and disposal information, and any other recent available data may be included; this information will not be required by the Agency.

- a. MW generated per year: _____ tons _____ cubic yards
- b. MW generation rate: _____ pcd (lbs/capita/day)
- c. MW recycled/year: _____ tons
- d. MW incinerated/year: _____ tons _____ cubic yards
- e. MW landfilled/year: _____ tons _____ cubic yards

Time period for this information: _____

5. **New Recommendations and Implementation Schedule**

Due to political, fiscal, or technological changes, a local government may choose to recommend different waste management options for the review plan. It should be noted, however, that the recycling program requirements of the SWPRA must be followed. Discuss any new recommendations included in the revised plan, and the implementation schedule to be followed.

An expansion of the County's Environmental Protection Deptment's authority to include enforcement of city ordinances has been discussed.

MONTGOMERY COUNTY WASTE MANAGEMENT PLAN

A. SOURCE REDUCTION:

Year 1

1. Develop a local speakers bureau to provide programs to the general public that focus on source reduction techniques at the household and individual levels.
2. Present school education programs at selected schools and selected grade levels.
3. Implement a clearinghouse for distribution of educational materials.
4. Implement promotional campaigns to encourage source reduction utilizing radio, newspaper and television.
5. Support schools in planning solid waste educational activities for events such as fairs, contests, plays, art projects, etc.
6. Continue sponsoring household hazardous waste collection programs.

Years 2-4

7. Expand the local speakers bureau and develop outlines for a variety of programs for presentation to local organization.

Years 5-10

8. Explore implementation of volume based refuse collection in conjunction with residential curbside recycling programs.

Years 11-20

9. No additional programs.

B. RECYCLING AND REUSE:

Year 1

1. Designate a regional solid waste/recycling coordinating board.
2. Continue to buy-back and drop-off activities
3. Continue commercial in-house recycling.
4. Continue recycling activities associated with existing community programs.
5. Implement Community clean-up programs.
6. Continue used tire recycling activities.
7. Continue and implement single-item recycling drives.
8. Encourage home composting/landscaping wasteland application.
9. Continue operations of existing recycling collection and processing facilities.

Continue Recycling and Reuse...

Years 2-4

10. Assist with implementation and/or expansion of drop-off activities.
11. Support expansion of existing collection and processing centers.
12. Support area landfill and private facilities should they choose to develop recycling collection and processing facilities and/or composting facilities.

Years 5-10

13. Implement drop-off sites throughout the region for the collection of landscape waste.

Years 11-20

14. No additional programs.

C. COMPUSTION WITH ENERGY RECOVERY:

Year 1

1. Consider supporting the collection of used tires for export to an out-of-region WTE incineration facility.
2. Consider supporting the preparation of a feasibility study pertaining to the export of waste to a WTE incinerator or RDF processing facility.

Years 2-4

3. Investigate expanding the collection of used tires for export to an out-of-county WTE incineration facility.

Years 5-10

4. No additional programs.

Years 11-20

5. No additional programs.

D. COMBUSTION FOR VOLUME REDUCTION:

Year 1

1. Monitor current level of burn barrel usage.
2. Continue the current level of landscape waste volume reduction incineration.
3. Evaluate existing regulations of burn barrel usage and revise as needed.
4. Continue the current level of small-scale volume reduction incineration in the commercial sector.
5. Continue the current level of C/D debris volume reduction incineration.

Year 2-4

6. Encourage use of drop-off facilities as an alternative to burn barrel usage.

Continue Combustion with Energy Recovery...

7. Increase enforcement of burn barrel usage regulations.

Years 5-10

8. No additional programs.

Years 11-20

9. No additional programs.

E. Landfill Disposal:

Year 1

1. Continue direct haul to in and out-of-county landfills.

Years 2-4

2. Investigate an in-region transfer station for the transport of waste to out-of-region landfill.

Years 5-10

3. Investigate the expansion of the in-region landfill.

Years 11-20

4. No additional programs.

Montgomery County Recycling Program



“FOR OUR FUTURE”

Question or Comments?

Montgomery County Recycling
Dawn Lutz, Recycling Coordinator
e-mail: dawnlootz@hotmail.com
Phone/Fax: (217) 532-2088

Web Site: www.montgomeryco.com under **Offices**
Look for **Montgomery County Recycling**

Materials Acceptance Guide:

Aluminum Cans Only
Steel Cans Only
Cardboard Only
Office Paper
Newspaper/Phone Books Only
Magazines Only
Plastic Containers with #1 - #7 Recycling Symbol, i.e., Soda bottles, juice bottles, milk jugs, detergent bottles, shampoo bottles, butter dishes, etc...

We DO NOT ACCEPT or Recycle the following items: Styrofoam, Glass, White Goods(Kitchen Appliances, etc...), Plastic Oil and/or Antifreeze Containers, Paint Cans, Household Chemicals, Small Electrical Appliances, Plastic Bags, Siding or TRASH.

Please Pay Attention to the Following:

Aluminum Cans: No foil, pie pans, siding, etc...

Steel Cans: Rinsed clean, labels can stay on the cans.

Office Paper: Any office paper, colored paper, junk mail, envelopes, etc... **Please Do Not** put any un-used labels/stickers in recycling, please throw away. This causes equipment problems for the Paper Mills.

Corrugated Cardboard: Please remove any packing materials and dispose of properly.

RECYCLING DROP-OFF:

Residents, non-residents and businesses are encouraged to participate in our drop-off program. All materials listed in the acceptance guide may be brought to drop-offs around the County.

***Litchfield: Open Daily:** Corner of S. Illinois and Ryder, next to city compost drop-off station, near city shed.

***Hillsboro: Open Daily:** Off Smith Road on Corporate Drive next to the Sports Complex, 4th building on left.

***Raymond: First & Third Saturday 8:00 AM until 10:00 AM:** Semi trailer on corner of Sparks and Railroad.

***Nokomis: Open Daily:** Shed behind the City Complex on Route 16.

***Farmersville: Open Daily:** 601 S. 4th Street. Drop Off is located at the water plant at the back of the lot.

***Witt: Open Daily:** Drop off is on Hirst Street near city shed building.

***Irving: Open Daily:** At the CRC on Cedar Street

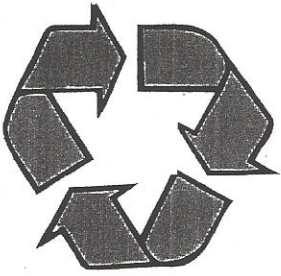
***Coffeen: Open Daily:** Drop off Carport Located at the corner of 185 & Elm Street across from the Grain Elevator.

***Donnellson: Open Daily:** Drop off carport is located on the corner of Carson and Jefferson Street on the north side of the old school

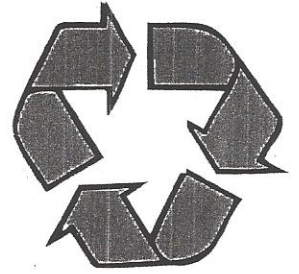
***Waggoner: Open Daily:** Drop Off Trailer available for recycling. Directly South of Depot off Commercial Avenue north of rock pile.

*****Please place materials in properly marked containers at each site. There is NO TRASH DUMPING at these sites.*****

Check website, newspapers, listen to local radio station or give us a call to find out about any upcoming collections on electronics



Some Paper Recycling Facts...



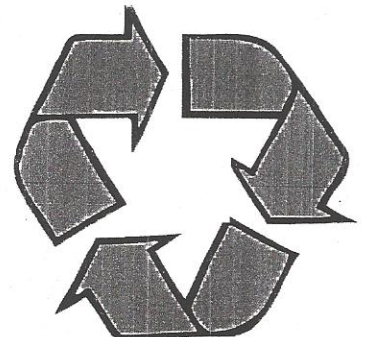
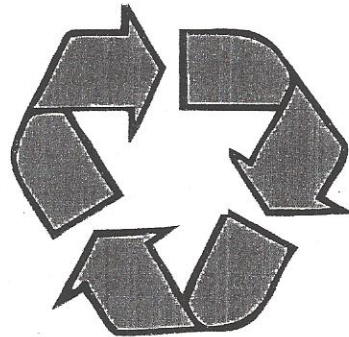
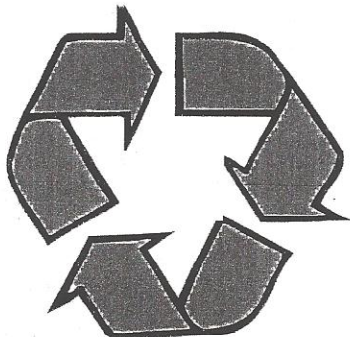
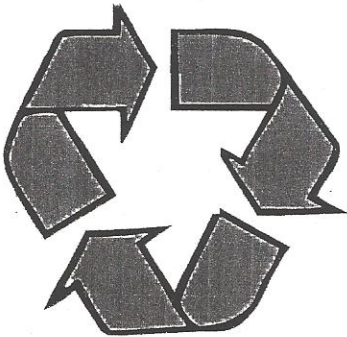
About Montgomery County

Between 1996 and July of 2012 Montgomery County has recycled over 30,438,000 pounds of material.

Between 1996 and 2012 Montgomery County recycled 1,466 tons of office paper, which saved the following:

- 24,922 trees
- 10,262,000 gallons of water
- 366,500lbs. of carbon dioxide out of our air (**if you burnt the same tons of paper you would created 2,199,000 lbs of carbon dioxide**)
- 557,080 Gallons of Oil were saved
- and 4,398 cubic feet of landfill space was saved

Cut these symbols out and put them on any container that you want to put recycling materials in and take to your local drop off. If you put a symbol on a container then no one should use the container, accept for recycling.



Material	Dec. 1 - Nov. 30, 1996	Dec. 1 - Nov. 30, 1997	Dec. 1 - Nov. 30, 1998	Dec. 1 - Nov. 30, 1999	Dec. 1 - Nov. 30, 2000	Dec. 1 - Nov. 30, 2001	Dec. 1 - Nov. 30, 2002	Dec. 1 - Nov. 30, 2003	Dec. 1 - Nov. 30, 2004	Dec. 1 - Nov. 30, 2005	Dec. 1 - Nov. 30, 2006
Aluminum	Shipped Weight Lbs.	Shipped Weight Lbs.	Shipped Weight Lbs.	Shipped Weight Lbs.	Shipped Weight Lbs.	Shipped Weight Lbs.	Shipped Weight Lbs.	Shipped Weight Lbs.	Shipped Weight Lbs.	Shipped Weight Lbs.	Shipped Weight Lbs.
Cardboard	512,760	380,177	529,727	527,320	663,820	769,086	911,532	649,192	896,910	521,566	626,270
Mixed											
Magazines	10,400	0	0	93,200	104,540	173,164	170,034	122,684	211,870	85,325	130,080
Newspaper	365,592	427,068	590,460	678,680	520,923	803,315	828,658	579,082	693,911	319,720	651,297
Office Paper	68,824	109,494	99,645	112,762	133,981	203,121	230,346	130,306	211,360	145,120	83,335
Low Grade								144,522			
Phone Books		10,150	0	0	16,100	21,600	13,650		2,730		28,308
Plastics		23,160	11,297	10,691	20,903	43,000	29,380	29,893	48,300	30,560	28,560
Tin / Steel		64	0	4,537	9,169	23,328	20,000		27,890	7,515	87,345
Gaylords								300	1,211	300	0
Books										13,061	
Electronics											
TOTALS	957,576	951,936	1,231,274	1,428,190	1,472,465	2,039,714	2,203,600	1,663,003	2,098,559	1,124,567	1,638,715

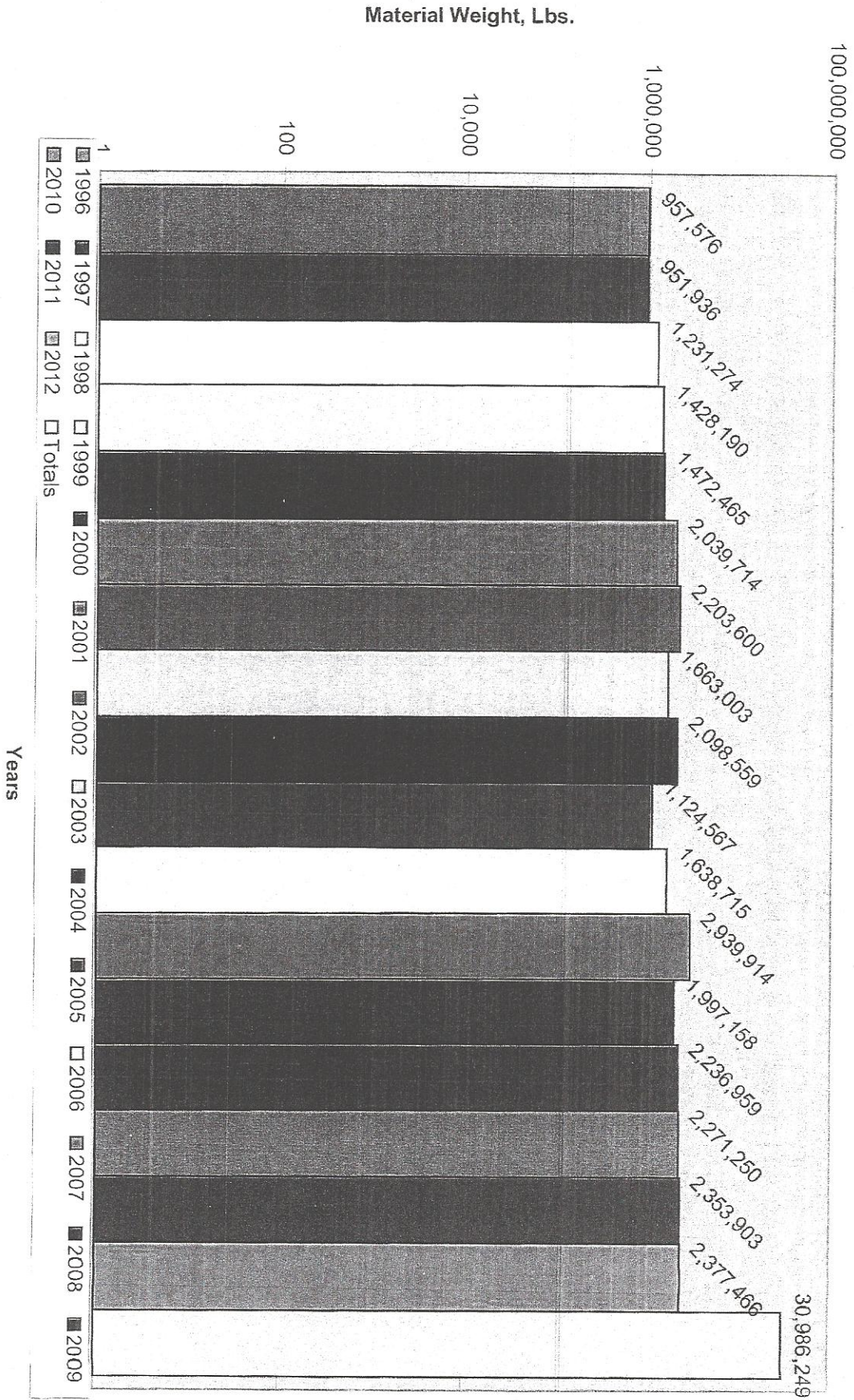


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Dec. 1 - Nov. 30, 2007	Dec. 1 - Nov. 30, 2008	Dec. 1 - Nov. 30, 2009	Dec. 1 - Nov 30, 2010	Dec. 1 - Nov 28, 2011	Dec. 1 - Nov 30, 2012	Total Pounds Shipped	Total Gaylords Used	Total feet of Gaylords used
4,130	3,835	6,090	5,340	7,371	1,706	53,890	1,244	4,353
1,343,415	911,380	899,020	935,740	1,016,280	972,458	13,066,653	217,778	762,221
					169,845	169,845	2,831	9,908
303,040	168,748	251,560	215,160	253,900	173,639	2,467,344	3,664	12,825
784,590	551,135	548,664	601,950	615,979	549,280	10,110,304	23,545	82,408
336,114	214,020	209,305	207,620	165,603	164,411	2,825,367	11,580	40,531
						144,522	1,507	8,791
						92,538		
93,530	92,000	114,200	139,380	124,320	170,280	1,009,454	33,648	117,770
62,780	48,070	100,470	86,060	93,049	18,854	589,131	6,798	23,792
0						1,811		
12,315	7,970	7,650	0	0		40,996		
		100,000	80,000	79,000	156,993	415,993		
2,939,914	1,997,158	2,236,959	2,271,250	2,355,502	2,377,466	30,987,848	302,595	1,062,598

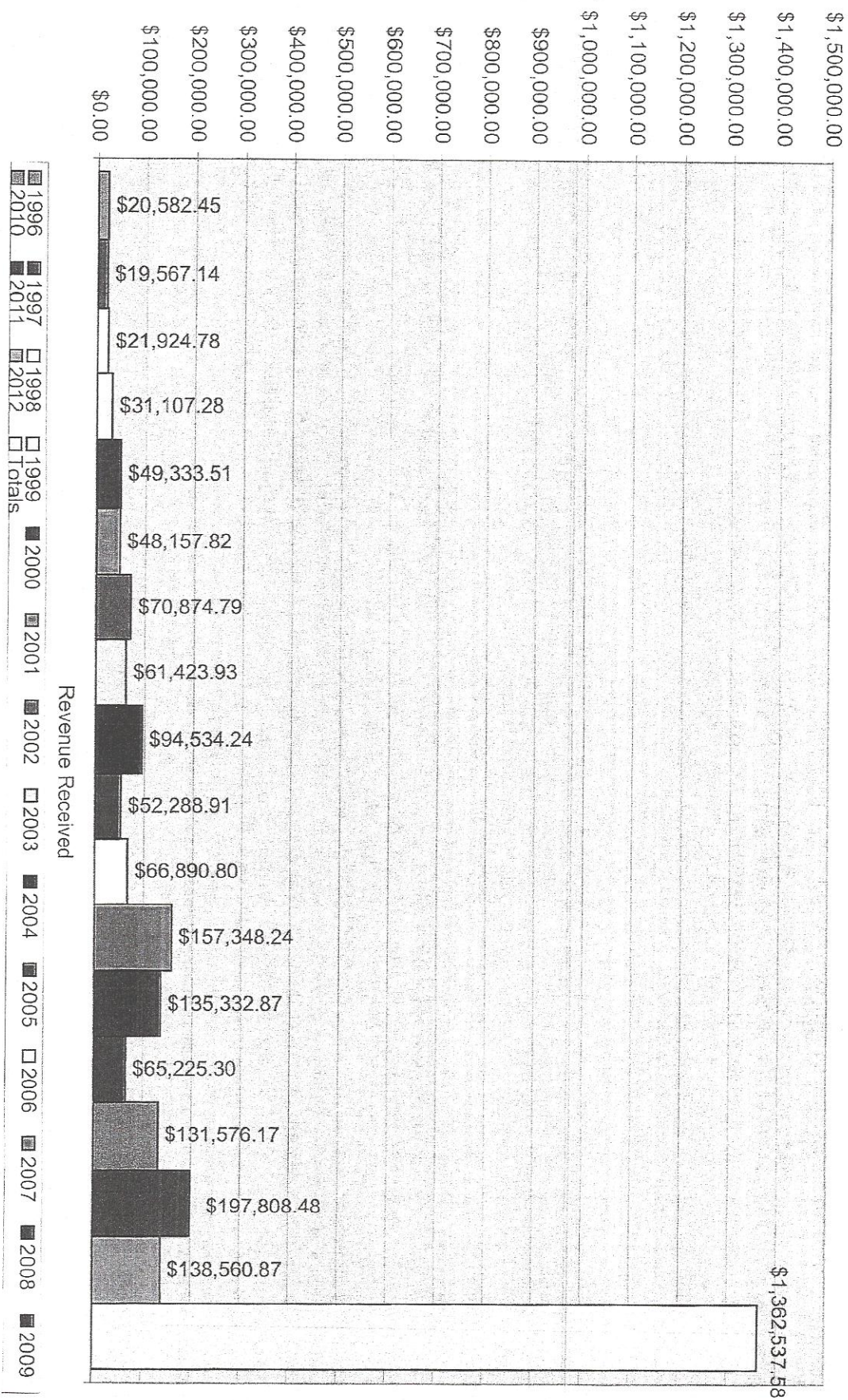
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Material History '96-'12



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Revenue Received 1996-2012



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