



JOHN ENGLER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



RUSSELL J. HARDING
DIRECTOR

April 18, 2002

Mr. Richard Hammel, Chairperson
Genesee County Board of Commissioners
1101 Beach Street, Room 312
Flint, Michigan 48502

Dear Mr. Hammel:

The Department of Environmental Quality (DEQ) received the locally approved update to the Genesee County Solid Waste Management Plan (Plan) on September 24, 2001. Except for the items indicated below, the Plan is approvable. As outlined in the December 13, 2001 letter to Mr. Thomas Goergen, Assistant Director, Genesee County Metropolitan Planning Commission, from Ms. Lynn Dumroese, DEQ, Waste Management Division (WMD), and as confirmed in your letter dated February 11, 2002, the DEQ makes the following modifications to the Plan:

The Plan contains many siting criteria that are not objective and measurable and, therefore, not approvable. In order to make the criteria objective and measurable, significant modifications are necessary throughout the entire siting mechanism. These modifications go beyond the intent of the modification letter; therefore, the entire siting mechanism, found on pages 57 through 68, is deleted from the Plan. Genesee County (County) has more than ten years capacity identified in the Plan; therefore, a siting mechanism does not need to be included in the Plan. The County may choose to revise the siting mechanism in order to make it approvable; however, that would need to be accomplished through a properly promulgated Plan amendment.

The Plan contains facility descriptions for the Averill Recycling, Inc. Transfer and Processing Facility, the CBC Recycling Processing Facility, and the city of Flint Transfer Station that include the following language, "The transfer facility at the time of this plan update is currently in the proposal stage." The County has agreed with the modification mentioned above; therefore, clarification is needed to define the intent of the County and municipalities regarding the determination of consistency for these facilities. Your February 11, 2002 letter indicates the County intended for these facilities to be considered consistent with the Plan and did not intend these facilities to be sited according to the siting mechanism. Therefore, this letter clarifies that the Averill Recycling, Inc. Transfer and Processing Facility, the CBC Recycling Processing Facility, and the city of Flint Transfer Station are consistent with the Plan. Further, the location information and the total area of the facility property as identified on the facility descriptions will be used to define the location and size of each site.

Mr. Richard Hammel
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With this modification and clarification, the County's updated Plan is hereby approved, and the County now assumes responsibility for the enforcement and implementation of this Plan. Please ensure that a copy of this letter is included with copies of the approved Plan distributed by the County.

By approving the Plan with modifications, the DEQ has determined that it complies with the provisions of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 administrative rules concerning the required content of solid waste management plans. Specifically, the DEQ has determined that the Plan identifies the enforceable mechanisms that authorize the state, a county, a municipality, or a person to take legal action to guarantee compliance with the Plan, as required by Part 115. The Plan is enforceable, however, only to the extent the County properly implements these enforceable mechanisms under applicable enabling legislation. The Plan itself does not serve as such underlying enabling authority, and DEQ approval of the Plan neither restricts nor expands County authority to implement these enforceable mechanisms.

The Plan may also contain other provisions that are neither required nor expressly authorized for inclusion in a solid waste management plan. The DEQ approval of the Plan does not extend to any such provisions. Under Part 115, the DEQ has no statutory authority to determine whether such provisions have any force or effect.

The DEQ applauds your efforts and commitment in addressing the solid waste management issues in Genesee County. If you have any questions, please contact Ms. Rhonda Oyer Zimmerman, Chief, Solid Waste Management Unit, WMD, at 517-373-4750.

Sincerely,


ACTING

Russell J. Harding
Director
517-373-7917

Mr. Richard Hammel

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April 18, 2002

cc: Senator John D. Cherry, Jr.
Senator Bob Emerson
Representative Rose Bogardus
Representative Patricia A. Lockwood
Representative Jack D. Minore
Representative Vera B. Rison
Representative Paula Zelenko
Mr. Arthur R. Nash Jr., Deputy Director, DEQ
Mr. Thomas M. Hickson, Legislative Liaison, DEQ
Mr. Jim Sygo, DEQ

bcc: Ms. Joan Peck, DEQ
Mr. Seth Phillips, DEQ – Shiawassee
Ms. Rhonda Oyer Zimmerman, DEQ
Ms. Lynn Dumroese, DEQ
Genesee County File



ROOM 223 - 1101 BEACH STREET FLINT, MICHIGAN 48502-1470

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CHAPIN W. COOK, AICP
DIRECTOR-COORDINATOR
THOMAS G. GOERGEN
ASSISTANT DIRECTOR

September 20, 2001

Solid Waste Management Unit
Solid Waste Program Section
Waste Management Division
Department of Environmental Quality
P.O. Box 30241
Lansing, MI 48909

Re: Genesee County Solid Waste Management Plan

Dear Sir or Madam:

Genesee County is requesting Michigan Department of Environmental Quality review and approval of the Genesee County Solid Waste Management Plan, 2000-2005.

Enclosed, please find one (1) copy of the Plan for your review. If you have any questions regarding the plan or require additional information, please contact myself or Ms. Sheila Long of my staff.

Thank you.

Thomas Goergen
Assistant Director

K:/wastemgmt/deqinfo/approval request

2000 PLAN UPDATE COVER PAGE

The Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules, requires that each County have a Solid Waste Management Plan Update (Plan) approved by the Michigan Department of Environmental Quality (DEQ). Section 11539a requires the DEQ to prepare and make available a standardized format for the preparation of these Plan updates. This document is that format. The Plan should be prepared using this format without alternation. Please refer to the document entitled "Guide to Preparing the Solid Waste Management Plan Update" for assistance in completing this Plan format.

DATE SUBMITTED TO THE DEQ:

If this Plan includes more than a single County, list all counties participating in this Plan.

N/A

The following lists all the municipalities from outside the County who have requested and have been accepted to be included in the Plan, or municipalities within the County that have been approved to be included in the Plan of another County according to Section 11536 of Part 115 of the NREPA. Resolutions from all involved County boards of commissioners approving the inclusion are included in Appendix E.

<u>Municipality</u>	<u>Original Planning County</u>	<u>New Planning County</u>
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N/A

DESIGNATED PLANNING AGENCY PREPARING THIS PLAN UPDATE:

Genesee County Metropolitan Planning Commission

<u>CONTACT PERSON:</u>	Thomas Goergen, Assistant Director
<u>ADDRESS:</u>	1101 Beach Street, Room 223 Flint, Michigan 48502

<u>PHONE:</u>	(810) 257-3010	<u>FAX:</u>	(810) 257-3185
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<u>Applicable E-Mail:</u>	gcmnpc@co.genesee.mi.us
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<u>CENTRAL</u>	<u>REPOSITORY</u>	<u>LOCATION(S):</u>
	Same as Above	

SOLID WASTE MANAGEMENT PLAN

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EXECUTIVE SUMMARY

The Following summarizes the solid waste management system selected to manage solid waste within the county.

OVERVIEW OF THE COUNTY

Township or Municipality Name	Population 1995	Land Use Urban	Economic Base		
			Rural	Com*	Ind*
CITIES					
BURTON	28,540	90%	23%	5%	1%
CLIO	2,659	18%	68%	3%	1%
DAVISON	5,757	48%	49%	3%	1%
FENTON	9,363	13%	82%	3%	2%
FLINT	138,164	100%	0%	4%	17%
FLUSHING	8,750	68%	28%	4%	0%
GRAND BLANC	8,336	44%	54%	1%	1%
LINDEN	2,778	21%	77%	2%	0%
MONTROSE	1,906	2%	70%	3%	1%
MOUNT MORRIS	3,295	26%	70%	3%	0%
SWART CREEK	4,996	52%	31%	13%	4%
TOWNSHIPS					
ARGENTINE	5,849	5%	95%	1%	0%
ATLAS	5,076	5%	94%	1%	0%
**CLAYTON	7,358	14%	86%	1%	0%
DAVISON	15,448	13%	87%	1%	0%
FENTON	11,450	26%	72%	1%	1%
FLINT	33,592	31%	61%	6%	2%
FLUSHING	9,582	14%	85%	1%	0%
**FOREST	3,763	1%	99%	1%	0%
**GAINES	6,152	10%	90%	1%	0%
GENESEE	23,791	63%	35%	5%	0%
GRAND BLANC	26,077	11%	89%	1%	0%
MONTROSE	6,386	6%	92%	1%	0%
MOUNT MORRIS	24,818	33%	65%	1%	0%
MUNDY	11,812	12%	85%	1%	1%
RICHFIELD	7,578	5%	93%	2%	0%
THETFORD	8,392	1%	98%	1%	0%
VIENNA	13,310	14%	85%	1%	0%
VILLAGES:					
GOODRICH	1,127	9%	91%	2%	0%
OTISVILLE	730	17%	83%	3%	0%
TOTAL	436,835				

*Ind = Industry; Com = Commercial

**Villages of Gaines, Lennon, and Otter Lake are included in township population totals

Conclusion

Genesee County's waste stream is presently managed by the private sector; the private sector has met the needs of the County's waste stream. Currently, the county has two (2) solid waste disposal facilities that are in operation.

After evaluation of the County's waste stream, the solid waste management committee chose to focus on the most effective methodology to reduce the amount of waste going into the disposal facilities. The Committee concluded that the most effective methodology is a combination of waste reduction techniques (recycling, resource conservation, educational programs etc.) that best fit the needs of Genesee County.

Selected Alternatives

The focus of the selected alternative is a combination of methods that the County will use to reduce the amount of materials from the solid waste stream.

- Waste reduction – The County will focus on an alternative that will reduce the amount of solid waste being generated in the County.
- Recycling - The County will aggressively attempt to achieve the highest recycling rate feasible, through the separation, collection and processing of materials that would otherwise become solid waste.
- Education – The County will expand its efforts to educate communities on the importance of waste reduction through public workshops and seminars.

INTRODUCTION

Goals and Objectives

To comply with Part 115 and its requirements, each Plan must be directed toward goals and objectives based on the purposes stated in Part 115, Sections 11538 (1)(a), 11541 (4) and the State Solid Waste Policy adopted pursuant to this Section, and Administrative Rules 711(b)(I) and (ii). At a minimum, the goals must reflect two (2) major purposes of Solid Waste Management Plans:

- (1) To utilize to the maximum extent possible the resources available in Michigan's solid waste stream through source reduction, source separation, and other means of resource recovery; and;
- (2) To prevent adverse effects on the public health and the environment resulting from improper solid waste collection, transportation, processing or disposal, so as to protect the quality of land and ground, and surface waters.

This Solid Waste Management Plan works toward the following goals through actions designed to meet the objectives described under the respective goals, which they support:

Goal 1:

Promote the recovery and disposal of solid waste in a manner, which will protect the public health, the environment, and our natural resources.

Objective 1a:

Eliminate groundwater or surface water pollution resulting from improper disposal of solid wastes.

Objective 1b:

Adopt collection, recycling, and disposal methods that will not adversely impact the public health and/or the environment.

Goal 2:

Utilize to the maximum extent possible the recoverable materials and energy from the solid waste stream.

Objective 2a:

Reduce the volume of solid waste to be landfilled by recycling and/or incineration for energy production when feasible.

Objective 2b:

Encourage development and implementation of recycling programs by government, business, industry, and the public.

Objective 2c:

Educate and encourage the use of source separation to facilitate recycling as a means of reducing the waste stream in the county.

Goal 3:

Develop a solid waste management system that is technically feasible, economically competitive, politically acceptable, environmentally safe and implementable.

Objective 3a:

Develop and enforce methods of solid waste management that are consistent with state and local laws and requirements.

Objective 3b:

Development a program to serve the total solid waste management needs of government, business, industry, and the public.

Objective 3c:

Coordinate the development of programs by individual municipalities to provide the most effective system for solid waste management.

Goal 4:

Develop the administrative, technical and operational framework necessary to provide a comprehensive solid waste management plan to serve the public and private sectors.

Objective 4a:

Develop a method and procedure for implementing the initiative of the solid waste management plan.

Objective 4b:

Provide trained personnel and assign responsibilities to implement the approved solid waste management plan.

Goal 5:

Provide a method to facilitate the update of the solid waste management plan to incorporate future conditions.

Objective 5a:

Evaluate multi-county aspects for solid waste management.

Objective 5b:

Maintain a database of existing solid waste conditions.

Objective 5c:

Continued annual planning by the designated planning agency and implementation committee, with assurances of timely updates and ongoing review of solid waste management plan.

Goal 6:

Utilize to the maximum extent possible the recoverable materials and energy from the solid waste stream and reduce land disposal to only "unusable residues" by the year 2005.

Objective 6a:

Achieve or exceed where practicable the goals from the State of Michigan Solid Waste Policy.

Objective 6b:

Encourage appropriate local, state, and federal legislation to provide incentives for waste reduction, source separation, and recycling.

DATA BASE

This section of the Solid Waste Management Plan will develop a base of information regarding Genesee County's waste stream and waste management system. The database will be subdivided into five (5) segments.

- Waste Generation in Genesee County;
- The Solid Waste Disposal Areas;
- The Solid Waste Collection Services;
- Evaluation of Deficiencies and Problems;
- Demographics and Land Development.

Waste Generation by Local Unit in Genesee County

The following data represents the amount of waste currently being disposed of in the County and projected waste generation. The data for industrial waste is derived from a survey of industry in Genesee County requesting the amount of solid waste generation from their facility. The results were compared to data received from landfill operators. The data for residential waste is derived by using a factor of 5.50 lbs. of waste generated per person a day. This factor is derived from using the City of Flint's population and the formula in the 1990 Solid Waste Management Plan. The City of Flint's population was chosen because they are the only local municipality in the County that manages their own waste stream. For Example:

$$\begin{aligned} \text{Montrose Township } 5.50 \text{ lbs.} \times 6386^* / 2000 \text{ lbs.} &= 17.56 \text{ Tons/day} \\ 17.56 \times 365 &= 6409 \text{ Tons/year} \end{aligned}$$

* population

The reported data in Table 1 is a presentation of present and projected waste generation in residential and industrial use in Genesee County. Table 2 & 3 is a presentation of present and projected waste needing disposal in Genesee County. The industrial waste generation is currently at a peak due to the restructuring of General Motors. The number of tons generated per year is maintained over the next ten (10) years.

The County's residential waste generation has tripled, since 1990 to 1,201 tons per day. However, there has not been a significant increase in population. This may be due to the rapid increase of consumer products on the market (food, clothing, electronic items, etc.). The commercial sector makes up a small portion of the County's waste stream. In fact, the commercial sector only accounts for five to seven percent of the County's total waste generation per year.

At the present time, landfill operators are managing the waste stream efficiently. Although, improvements must be made to the County's reporting system for waste generated and recycled in the County. With the development of a more effective reporting system, the County does not expect to have major problems associated with the waste stream.

Table 1

**Total Quantity of Solid Waste Generated
Genesee County**

	Tons Per Year 1995	Tons Per Year 2000	Tons Per Year 2005	Tons Per Year 2010
Cities:				
Burton	28647	28791	28848	28906
Clio	2669	2682	2688	2693
Davison	5779	5808	5819	5831
Fenton	9398	9586	9634	9682
Flint	138682	138673	139655	139934
Flushing	8783	8827	8844	8862
Grand Blanc	8367	8409	8425	8443
Linden	2788	2845	2859	2873
Montrose	1913	1923	1926	1930
Mt. Morris	3307	3323	3330	3337
Swartz Creek	5014	5040	5050	5060
Townships:				
Argentine	5871	5988	6018	6049
Atlas	5095	5120	5131	5141
*Clayton	7386	7422	7438	7452
Davison	15506	15816	15895	15975
Fenton	11493	11723	11781	11840
Flint	33718	34392	34461	34530
Flushing	9618	9666	9685	9704
*Forest	3777	3796	3803	3811
*Gaines	6175	6206	6218	6231
Genesee	23880	24000	24048	24096
Grand Blanc	26175	26699	26832	26966
Montrose	6410	6442	6455	6468
Mt. Morris	24911	25035	25086	25136
Mundy	11856	11916	11940	11964
Richfield	7606	7449	7660	7675
Thetford	8423	8271	8483	8500
Vienna	13360	13123	13453	13480
Villages:				
Goodrich	1131	1126	1139	1141
Otisville	732	712	738	740
INDUSTRIAL				
GM-Flint Metal Center	2700	2700	2700	2700
GM-Delphi Automotive E	22680	22680	22680	22680
GM-Delphi Automotive W	20148	20148	20148	20148
GM-NAO Flint Operations	70800	70800	70800	70800
Commercial				
	39,315	39,653	39,752	39,851
Municipal Sludge				
	11,000	11,000	11,000	11,000
Totals	605,113	607,790	610,422	611,628

*Villages of Gaines, Lennon and Otter Lake are included in township totals

Table 2

**Total Quantity of Solid Waste Needing Disposal
Genesee County
Year 2000**

	2000 Population	Tons Per Day	Tons Per Year	Recycling Per Year	Amount in Landfill
Cities:					
Burton	28683	79	28791	288	28503
Clio	2672	7	2682	100	2582
Davison	5786	16	5808	130	5678
Fenton	9550	26	9586	288	9298
Flint	138155	380	138673	15133	123540
Flushing	8794	24	8827	353	8473
Grand Blanc	8378	23	8409	242	8168
Linden	2834	8	2845	28	2816
Montrose	1916	5	1923	0	1923
Mt. Morris	3311	9	3323	98	3226
Swartz Creek	5021	14	5040	57	4983
Townships:					
Argentine Township	5966	16	5988	196	5792
Atlas Township	5101	14	5120	19	5101
*Clayton	7395	20	7423	0	7423
Davison	15757	43	15816	158	15658
Fenton	11679	32	11723	117	11606
Flint Township	34264	94	34392	89	34304
Flushing Township	9630	26	9666	287	9379
*Forest Township	3782	10	3796	115	3681
*Gaines Township	6183	17	6206	267	5940
Genesee Township	23910	66	24000	1040	22960
Grand Blanc Township	26599	73	26699	267	26432
Montrose	6418	18	6442	0	6442
Mt. Morris Township	24942	69	25036	14	25022
Mundy Township	11871	33	11916	585	11331
Richfield Township	7616	21	7645	195	7449
Thetford Township	8434	23	8466	195	8271
Vienna Township	13377	37	13427	304	13123
Village:					
Goodrich	1133	3	1137	11	1126
Otisville	735	2	738	26	712
Industrial:					
GM-Flint Metal Center		7	2700	2693	7
Delphi Automotive E		62	22680	18512	4168
Delphi Automotive W		55	20148	19233	915
GM-NAO Flint Operations		194	70800	66625	4175
Commercial		39653	39752	22139	17612
Municipal Sludge		30	11000	0	11000

Totals

149,805

458,816

Total Amount in Landfill 458,816

*Villages of Gaines, Lennon and Otter Lake are included in township totals

Table 3

**Total Quantity of Solid Waste Needing Disposal
Genesee County
Year 2005**

	2005 Population	Tons Per Day	Tons Per Year	Recycling Per Year	Amount in Landfill
Cities:					
Burton	28740	79	28848	288	28559
Clio	2678	7	2688	100	2588
Davison	5797	16	5819	130	5689
Fenton	9598	26	9634	288	9346
Flint	139133	383	139655	15133	124522
Flushing	8811	24	8844	353	8491
Grand Blanc	8394	23	8425	242	8184
Linden	2848	8	2859	29	2830
Montrose	1919	5	1926	19	1907
Mt. Morris	3318	9	3330	98	3233
Swartz Creek	5031	14	5050	57	4993
Townships:					
Argentine	5996	16	6018	196	5822
Atlas	5112	14	5131	19	5112
*Clayton	7410	20	7438	74	7363
Davison	15836	44	15895	159	15736
Fenton	11737	32	11781	118	11663
Flint	34332	94	34461	89	34372
Flushing	9649	27	9685	287	9398
*Forest	3789	10	3803	115	3688
*Gaines	6195	17	6218	267	5952
Genesee	23958	66	24048	1040	23008
Grand Blanc	26732	74	26832	268	26564
Montrose	6431	18	6455	65	6391
Mt. Morris	24992	69	25086	14	25072
Mundy	11895	33	11940	585	11355
Richfield	7631	21	7660	195	7464
Thetford	8451	23	8483	195	8288
Vienna	13403	37	13453	304	13149
Villages:					
Goodrich	1135	3	1139	11	1128
Otisville	735	2	738	26	712
Industrial:					
GM-Flint Metal Center		7	2700	2693	7
Delphi Automotive E		62	22680	18512	4168
Delphi Automotive W		55	20148	19233	915
GM-NAO Flint Operations		194	70800	66625	4175
Commercial	39,315	39,653	39,752	39,851	
Municipal Sludge	11,000	11,000	11,000	167,678	200,678
Totals				127,539	632,521
Total Amount in Landfill	632,521				

*Villages of Gaines, Lennon and Otter Lake are included in township totals

SOLID WASTE DISPOSAL FACILITIES

There are two (2) landfills in operation in Genesee County, Brent Run and Citizens Disposal. All landfills accepting Genesee County's waste in and out of the County are privately owned. The typical landfill operational problems of blowing paper, odors, noise, leachate, daily cover and road contamination have been experienced. The landfill operators have been very cooperative and have taken steps to eliminate these problems.

The Genesee County Metropolitan Planning Commission surveyed Brent Run, Citizens Disposal and Venice Park in Shiawassee County, requesting information as to the capacity, type, and estimated life of their facility.

Presently the landfills are capable of managing not only Genesee County's waste, but also waste from other counties for over the next ten (10) years.

Citizens Disposal

2361 West Grand Blanc Road
Grand Blanc, MI 48439

This landfill is located in section twenty three (23) of Mundy Township. At the time of the 1990 Solid Waste Management Plan this landfill was just in the planning stage. Since that time the landfill is in full operation. Currently Citizens Disposal is a private landfill with currently an estimated life of thirty (30) years. Compared to Brent Run and Venice Park, Citizens Disposal has the largest estimated life.

Citizens Disposal accepts waste from seven (7) different counties and Canada. Their largest amount of waste received is from Canada with a total of 159,024 tons of waste, second is Genesee County with a total of 129,977 tons of waste. The smallest amount of waste comes from Bay County with a total of 74 tons.

Brent Run, Inc.

8247 Vienna Road
Montrose, MI 48457

This landfill is located in section twenty three (23) of Montrose Township. Brent Run is a privately owned landfill that has an estimated lifetime of more than twenty (20) years. Brent Run is the second largest landfill in operation, with Genesee County being the largest amount of waste received at 156,609 tons.

Waste Management/Venice Park Recycling & Disposal Facility

9536 Lennon Road
Lennon, MI 48449

This landfill is located in section twenty seven (27) of Venice Township. It is a privately owned and operated facility that received its operating license in January, 1981. Since the 1990 Solid Waste Management Plan, the number of acres permitted for use has increased from 33.4 acres to 36.04 acres. Venice Park differs from the previously mentioned two landfills, because they have a recycling component and accepts type III waste.

Richfield Landfill
5360 North State Road
Davison, MI 48423

This existing landfill is located in section two (2) of Richfield Township. It is a privately owned facility, which is presently closed and does not have an operating license. Owners of the landfill are presently engaged in litigation with the Michigan Department of Environmental Quality. Richfield Landfill will be included in the plan if its owner prevails in the litigation, or if the requirements for the issuance of a construction permit at the site are met and approved by the Michigan Department of Environmental Quality.

FACILITY DESCRIPTIONS

Facility Type: Type II Sanitary Landfill

Facility Name: Brent Run, Inc.

County: Genesee Location: Town: T9N Range: R5E Section(s): 23

Map identifying location included in Attachment Section: Yes No

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes:

Public Private Owner: Republic Services of Michigan, Inc.

Operating Status (check)

- open
- closed
- licensed
- unlicensed
- construction permit
- open, but closure pending

Waste Types Received (check all that apply)

- residential
- commercial
- industrial
- construction & demolition
- contaminated soils
- special wastes *
- other:

* Explanation of special wastes, including a specific list and/or conditions:

Non-hazardous, Non-regulated solid waste (soil, paint filters, etc.)

Site Size:

Total area of facility property:	<u>243.17</u>	acres
Total area sited for use:	<u>106.47</u>	acres
Total area permitted:		acres
Operating:	<u>38.91</u>	acres
Not excavated:	<u>67.56</u>	acres
Current capacity:	<u>12,000,000</u>	<input type="checkbox"/> tons or <input checked="" type="checkbox"/> yds ³
Estimated lifetime:	<u>20+</u>	years
Estimated days open per year:	<u>280</u>	days
Estimated yearly disposal volume:	<u>384,000</u>	<input checked="" type="checkbox"/> tons or <input type="checkbox"/> yds ³

(if applicable)

Annual energy production:		
Landfill gas recovery projects:	<u>N/A</u>	megawatts
Waste-to-energy incinerators:	<u>N/A</u>	megawatts

FACILITY DESCRIPTIONS

Facility Type: Type II Sanitary Landfill

Facility Name: Citizens Disposal, Inc.

County: Genesee Location: Town: T6N Range: R6E Section(s): 23

Map identifying location included in Attachment Section: Yes No

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: N/A

Public Private Owner: Citizens Disposal, Inc.

Operating Status (check)

- open
- closed
- licensed
- uncensored
- construction permit
- open, but closure pending

Waste Types Received (check all that apply)

- residential
- commercial
- industrial
- construction & demolition
- contaminated soils
- special wastes *
- other:

* Explanation of special wastes, including a specific list and/or conditions:

Non-hazardous solid waste requiring prior review and approval including analytical review.

Site Size:

Total area of facility property:	<u>301</u>	acres
Total area sited for use:	<u>258</u>	acres
Total area permitted:		acres
Operating:	<u>51.66</u>	acres
Not excavated:	<u>-0-</u>	acres

Current capacity:	<u>20.4 M</u>	<input type="checkbox"/> tons or <input checked="" type="checkbox"/> yds ³
Estimated lifetime:	<u>30</u>	years
Estimated days open per year:	<u>310</u>	days
Estimated yearly disposal volume:	<u>1,066,711</u>	<input type="checkbox"/> tons or <input checked="" type="checkbox"/> yds ³

(if applicable)

Annual energy production:

Landfill gas recovery projects:	<u>2.4</u>	megawatts
Waste-to-energy incinerators:	<u>N/A</u>	megawatts

FACILITY DESCRIPTIONS

Facility Type: Type II and Type III

Facility Name: Waste Management/Venice Park Recycling & Disposal Facility

County: Shiawassee Location: Town: T7N Range: R4E Section(s):

Map identifying location included in Attachment Section: Yes No

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes:

Public Private Owner: Waste Management

Operating Status (check)

- open
- closed
- licensed
- unlicensed
- construction permit
- open, but closure pending

Waste Types Received (check all that apply)

- residential
- commercial
- industrial
- construction & demolition
- contaminated soils
- special wastes *
- other:

* Explanation of special wastes, including a specific list and/or conditions:

Asbestos; Medical waste; Venice Park RDF is also licensed to solidify non-hazardous liquids on site

Site Size:

Total area of facility property:	<u>325</u>	acres
Total area sited for use:	<u>80</u>	acres
Total area permitted:		acres
Operating:	<u>36.04</u>	acres
Not excavated:	<u>-0-</u>	acres
Current capacity:	<u>666,667</u>	<input checked="" type="checkbox"/> tons or <input type="checkbox"/> yds ³
Estimated lifetime:	<u>2</u>	years
Estimated days open per year:	<u>281</u>	days
Estimated yearly disposal volume:	<u>333,333</u>	<input checked="" type="checkbox"/> tons or <input type="checkbox"/> yds ³

(if applicable)

Annual energy production:

Landfill gas recovery projects:	<u>1.2</u>	megawatts
Waste-to-energy incinerators:	<u> </u>	megawatts

FACILITY DESCRIPTIONS

Facility Type: TYPE II - Solid Waste

Facility Name: Genesee Landfill (Richfield Landfill)

County: Genesee Location: Town: 8N Range: 8E Section(s): 02

Map identifying location included in Attachment Section: Yes No

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: _____

Public Private Owner: George A. Gallagher III, Ronald L. Ferguson Trust

Operating Status (check)	Waste Types Received (check all that apply)
<input type="checkbox"/> open	<input checked="" type="checkbox"/> residential
<input type="checkbox"/> closed	<input checked="" type="checkbox"/> commercial
<input type="checkbox"/> licensed	<input checked="" type="checkbox"/> industrial
<input checked="" type="checkbox"/> unlicensed	<input checked="" type="checkbox"/> construction & demolition
<input type="checkbox"/> construction permit	<input type="checkbox"/> contaminated soils
<input type="checkbox"/> open, but closure pending	<input type="checkbox"/> special wastes *
	<input type="checkbox"/> other:

* Explanation of special wastes, including a specific list and/or conditions:

Site Size:

Total area of facility property:	<u>300</u>	acres
Total area sited for use:	<u>12</u>	acres
Total area permitted:	_____	acres
Operating:	_____	acres
Not excavated:	<u>60</u>	acres
Current capacity:	<u>840,000</u>	<input type="checkbox"/> tons or <input checked="" type="checkbox"/> yds ³
Estimated lifetime:	_____	years
Estimated days open per year:	_____	days
Estimated yearly disposal volume:	_____	<input type="checkbox"/> tons or <input type="checkbox"/> yds ³

(if applicable)

Annual energy production:		
Landfill gas recovery projects:	_____	megawatts
Waste-to-energy incinerators:	_____	megawatts

**FACILITY DESCRIPTIONS OF TRANSFER STATIONS LOCATED
IN GENESEE COUNTY**

County	Facility Name	Facility Type
Genesee	Averill Recycling Inc	Transfer & Recycling
Genesee	City of Flint Transfer Station	Transfer Station
Genesee	CBC Recycling Process	Processing
Genesee	Resource Recovery of Flint	Transfer & Recycling
Genesee	Valley Rubbish	Transfer & Processing

FACILITY DESCRIPTIONS

Facility Type: Transfer and Recycling Process Station

Facility Name: Averill Recycling Inc.

County: Genesee Location: Town: T7N Range: R7E Section(s): 9

Map identifying location included in Attachment Section: Yes No On Rowe Site Plan

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: Brent Run and Citizens Landfill in Genesee County

Public Private Owner: Averill Recycling Inc.

Operating Status (check)		Waste Types Received (check all that apply)	
<input type="checkbox"/>	open	<input checked="" type="checkbox"/>	residential
<input type="checkbox"/>	closed	<input checked="" type="checkbox"/>	commercial
<input type="checkbox"/>	licensed	<input checked="" type="checkbox"/>	industrial
¹ <input checked="" type="checkbox"/>	unlicensed	<input checked="" type="checkbox"/>	construction & demolition
<input type="checkbox"/>	construction permit	<input type="checkbox"/>	contaminated soils
<input type="checkbox"/>	open, but closure pending	<input type="checkbox"/>	special wastes *
		<input type="checkbox"/>	other:

* Explanation of special wastes, including a specific list and/or conditions:
No special waste, only Type II inside of building

Site Size:

Total area of facility property:	<u>16.5</u>	acres
Total area sited for use:	<u>9</u>	acres
Total area permitted:	<u>16.5</u>	acres
Operating:	<u>5</u>	acres
Not excavated:	<u>2</u>	acres
Current capacity:	<u>300</u>	<input checked="" type="checkbox"/> tons or <input type="checkbox"/> yds ³
Estimated lifetime:	<u>30</u>	years
Estimated days open per year:	<u>6</u>	days
Estimated yearly disposal volume:	<u>85,000</u>	<input checked="" type="checkbox"/> tons or <input type="checkbox"/> yds ³

(if applicable)

Annual energy production:		
Landfill gas recovery projects:	<u>N/A</u>	megawatts
Waste-to-energy incinerators:	<u>N/A</u>	megawatts

¹ The transfer facility at the time of this plan update is currently in the proposal stage.

FACILITY DESCRIPTIONS

Facility Type: Processing Facility

Facility Name: CBC Recycling Processing Facility

County: Genesee Location: Town: T7N Range: R7E Section(s): 19

Map identifying location included in Attachment Section: Yes No

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: _____

Public Private Owner: CBC Recycling

Operating Status (check)

- open
- closed
- licensed
- 1. unlicensed
- construction permit
- open, but closure pending

Waste Types Received (check all that apply)

- residential
- commercial
- industrial
- construction & demolition
- contaminated soils
- special wastes *
- other:

* Explanation of special wastes, including a specific list and/or conditions: _____

Site Size:

Total area of facility property:	<u>4.5</u>	acres
Total area sited for use:	<u>1</u>	acres
Total area permitted:	<u>1</u>	acres
Operating:	<u>1</u>	acres
Not excavated:	<u>3.5</u>	acres
Current capacity:	<u>3000</u>	<input type="checkbox"/> tons or <input type="checkbox"/> yds ³
Estimated lifetime:		years
Estimated days open per year:	<u>285</u>	days
Estimated yearly disposal volume:	<u>10</u>	<input type="checkbox"/> tons or <input type="checkbox"/> yds ³

(if applicable)

Annual energy production:		
Landfill gas recovery projects:	<u>N/A</u>	megawatts
Waste-to-energy incinerators:	<u>N/A</u>	megawatts

1. The transfer facility at the time of this plan update is currently in the proposal stage.

FACILITY DESCRIPTIONS

Facility Type: (PROPOSED) TRANSFER STATION

Facility Name: CITY OF FLINT TRANSFER STATION

County: Genesee Location: Town: T6N Range: R5E Section(s): 19

Map identifying location included in Attachment Section: Yes No

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: Venice Park Lennon, Michigan (Waste Management)

Public Private Owner: City of Flint

Operating Status (check)		Waste Types Received (check all that apply)	
<input type="checkbox"/>	open	<input checked="" type="checkbox"/>	residential
<input type="checkbox"/>	closed	<input type="checkbox"/>	commercial
<input type="checkbox"/>	licensed	<input type="checkbox"/>	industrial
¹ <input checked="" type="checkbox"/>	unlicensed	<input checked="" type="checkbox"/>	construction & demolition
<input type="checkbox"/>	construction permit	<input type="checkbox"/>	contaminated soils
<input type="checkbox"/>	open, but closure pending	<input type="checkbox"/>	special wastes *
		<input checked="" type="checkbox"/>	other:

* Explanation of special wastes, including a specific list and/or conditions:

Site Size:

Total area of facility property:	<u>16.5</u>	acres
Total area sited for use:	<u>2</u>	acres
Total area permitted:		acres
Operating:		acres
Not excavated:		acres
Current capacity:		<input type="checkbox"/> tons or <input type="checkbox"/> yds ³
Estimated lifetime:	<u>20</u>	years
Estimated days open per year:	<u>312</u>	days
Estimated yearly disposal volume:	<u>150,000</u>	<input type="checkbox"/> tons or <input checked="" type="checkbox"/> yds ³

(if applicable)

Annual energy production:		
Landfill gas recovery projects:		megawatts
Waste-to-energy incinerators:		megawatts

¹ The transfer facility at the time of this plan update is currently in the proposal stage.

FACILITY DESCRIPTIONS

Facility Type: Solid Waste Transfer Station and Recycling

Facility Name: Resource Recovery of Flint, Inc.

County: Genesee Location: Town: T6N Range: R5E Section(s): 32

Map identifying location included in Attachment Section: Yes No

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: Brent Run Land Fill

Public Private Owner: Resource Recovery of Flint, Inc.

Operating Status (check)		Waste Types Received (check all that apply)	
<input checked="" type="checkbox"/>	open	<input checked="" type="checkbox"/>	residential
<input type="checkbox"/>	closed	<input checked="" type="checkbox"/>	commercial
<input checked="" type="checkbox"/>	licensed	<input type="checkbox"/>	industrial
<input type="checkbox"/>	unlicensed	<input checked="" type="checkbox"/>	construction & demolition
<input type="checkbox"/>	construction permit	<input type="checkbox"/>	contaminated soils
<input type="checkbox"/>	open, but closure pending	<input type="checkbox"/>	special wastes *
		<input type="checkbox"/>	other:

* Explanation of special wastes, including a specific list and/or conditions:

Site Size:

Total area of facility property:	<u>3.5</u>	acres
Total area sited for use:	<u>3.5</u>	acres
Total area permitted:		acres
Operating:	<u>3.5</u>	acres
Not excavated:		acres
Current capacity:	<u>300</u>	<input type="checkbox"/> tons or <input checked="" type="checkbox"/> yds ³ per day
Estimated lifetime:		years
Estimated days open per year:	<u>350</u>	days
Estimated yearly disposal volume:	<u>108,000</u>	<input type="checkbox"/> tons or <input checked="" type="checkbox"/> yds ³

(if applicable)

Annual energy production:		
Landfill gas recovery projects:	<u>N/A</u>	megawatts
Waste-to-energy incinerators:	<u>N/A</u>	megawatts

FACILITY DESCRIPTIONS

Facility Type: Solid Waste Transfer Facility and Processing Plant

Facility Name: Valley Rubbish (Valley-1)

County: Genesee Location: Town: T6N Range: R5E Section(s): 29

Map identifying location included in Attachment Section: Yes No

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: Venice Park Landfill

Public Private Owner: Waste Management of Michigan, Inc.

Operating Status (check)	Waste Types Received (check all that apply)
<input type="checkbox"/> open	<input type="checkbox"/> residential
<input type="checkbox"/> closed	<input type="checkbox"/> commercial
<input checked="" type="checkbox"/> licensed	<input type="checkbox"/> industrial
<input type="checkbox"/> unlicensed	<input type="checkbox"/> construction & demolition
<input type="checkbox"/> construction permit	<input type="checkbox"/> contaminated soils
<input type="checkbox"/> open, but closure pending	<input type="checkbox"/> special wastes *
	<input type="checkbox"/> other:

* Explanation of special wastes, including a specific list and/or conditions:

This facility is not currently being used.

Site Size:

Total area of facility property:	<u>1.5</u>	acres
Total area sited for use:		acres
Total area permitted:	<u>1.5</u>	acres
Operating:	<u>*1.5</u>	acres
Not excavated:	<u>1.5</u>	acres
Current capacity:	_____	<input type="checkbox"/> tons or <input type="checkbox"/> yds ³
Estimated lifetime:	_____	years
Estimated days open per year:	_____	days
Estimated yearly disposal volume:	_____	<input type="checkbox"/> tons or <input type="checkbox"/> yds ³

(if applicable)

Annual energy production:		
Landfill gas recovery projects:	_____	megawatts
Waste-to-energy incinerators:	_____	megawatts

*Building area is 5625 ft²

SOLID WASTE DISPOSAL COLLECTION SERVICES

All of the local units except the City of Flint contract with a private collection hauler. The majority of the local units are paying a monthly or yearly bill for the collection of solid waste and are passing this cost on to the customer in the form of a special assessment. The number of dwelling units in the local unit determines this cost. The City of Flint continues to collect its solid waste. This is paid from their local general operating revenue. The following describes the present solid waste collection services and transportation infrastructure that is utilized within the county to collect and transport solid waste.

	Collection Company	Recycling
Cities:		
Burton	Waste Management	Recycling Included
Clio	Waste Management	Recycling Included
Davison	BFI/Allied	Recycling Included
Fenton	Waste Management	Recycling Included
Flint	City of Flint	Recycling Included
Flushing	Waste Management	Recycling Included
Grand Blanc	Waste Management	Recycling Included
Linden	Waste Management	Recycling Included
Montrose	Waste Management	No Recycling
Mt. Morris	Waste Management	Recycling Included
Swartz Creek	Waste Management	Recycling Included
Townships:		
Argentine	Waste Management	Recycling Included
Atlas	Waste Management	Recycling Included
Clayton	Waste Management	No Recycling
Davison	BFI/Allied	Recycling Included
Fenton	BFI/Allied	Recycling Included
Flint	Waste Management	Recycling Included
Flushing	Waste management	Recycling Included
Forest	Waste Management	Recycling Included
Gaines	Waste Management	Recycling Included
Genesee	Waste Management	Recycling Included
Grand Blanc	BFI/Allied	Recycling Included
Montrose	Waste Management	No Recycling
Mt. Morris	Waste Management	Volunteer Recycling
Mundy	BFI/Allied	Recycling Included
Richfield	Waste Management	Recycling Included
Thetford	Waste Management	Recycling Included
Vienna	Waste Management	Recycling Included
Villages		
Gaines	Waste Management	Recycling Included
Goodrich	Waste Management	Recycling Included
Otisville	BFI/Allied	Recycling Included

EVALUATION OF DEFICIENCIES AND PROBLEMS

There are no major concerns in the existing solid waste system, although the following is a description of problems or deficiencies that the County will attempt to address:

- There should be recycling opportunities for the commercial, industrial and multifamily sectors.
- There should be more of a real incentive for resource conservation efforts in the County.
- All residents should have knowledge of all of the recycling and composting opportunities in their community.
- The enforcement to ensure that waste coming into the County's landfills is from counties that are included in Genesee County's Solid Waste Management Plan.
- A standardized reporting system submitted to the County that reports waste generation and amounts recycled from commercial, residential and industrial sectors.

DEMOGRAPHICS AND LAND USE

Population and population projections are an essential piece in the development of a countywide solid waste management plan. The planning for the collection and disposal of Genesee County's solid waste stream must utilize population densities as well as municipal boundaries to determine the best management plan.

The data represented in Table three (3) gives present and projected population from 1990 to 2010. Genesee County is expecting a two–three percent increase in population over the next ten (10) years. With this very small increase in projections the rate of solid waste generation should not vary significantly over the next ten (10) years. However, instead of a high increase in population, the county is experiencing a significant shift in population. This shift is from the City of Flint to the suburban area.

The redistribution of Genesee County's population into suburbia is consistent with development patterns of adjacent counties and with development patterns experienced in Michigan. The trend should continue for the next ten (10) years. Individual population growth of a municipality can be influenced and stimulated for a variety of reasons. Major population shifts are caused by the construction of public utilities, construction of new housing, economy, and construction of Industrial facilities, which would employ a large number of people. The pie chart (*Figure 1*) gives an illustration as to the present land use in Genesee County.

Figure 1

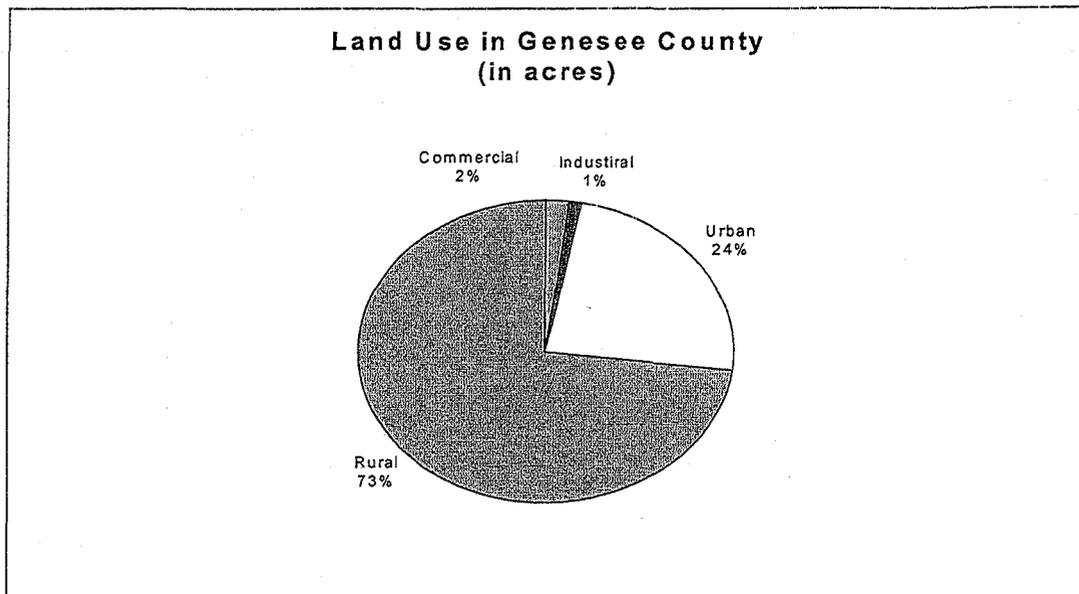


TABLE 3

**GENESEE COUNTY
POPULATION ESTIMATES**

LOCAL UNIT	1990 CENSUS	1995	2000	2005	2010	2015	2020
CITIES:							
BURTON	27,617	28,540	28,683	28,740	28,798	28,855	28,913
CLIO	2,629	2,659	2,672	2,678	2,683	2,688	2,694
DAVISON	5,693	5,757	5,786	5,797	5,809	5,821	5,832
FENTON	8,444	9,363	9,550	9,598	9,646	9,694	9,743
FLINT	140,761	138,164	138,855	139,133	139,411	139,690	139,969
FLUSHING	8,542	8,750	8,794	8,811	8,829	8,847	8,864
GRAND BLANC	7,760	8,336	8,378	8,394	8,411	8,428	8,445
LINDEN	2,415	2,778	2,834	2,848	2,862	2,876	2,891
MONTROSE	1,811	1,906	1,916	1,919	1,923	1,927	1,931
MOUNT MORRIS	3,292	3,295	3,311	3,318	3,325	3,331	3,338
SWARTZ CREEK	4,851	4,996	5,021	5,031	5,041	5,051	5,061
TOWNSHIPS:							
ARGENTINE TWP	4,651	5,849	5,966	5,996	6,026	6,056	6,086
ATLAS TWP	4,635	5,076	5,101	5,112	5,122	5,132	5,142
CLAYTON TWP*-	7,368	7,358	7,395	7,410	7,424	7,439	7,454
DAVISON TWP	14,671	15,448	15,757	15,836	15,915	15,994	16,074
FENTON TWP	10,055	11,450	11,679	11,737	11,796	11,855	11,914
FLINT TWP	34,081	33,592	34,264	34,332	34,401	34,470	34,539
FLUSHING TWP	9,223	9,582	9,630	9,649	9,668	9,688	9,707
FOREST TWP*	3,685	3,763	3,782	3,789	3,797	3,805	3,812
GAINES TWP*	5,391	6,152	6,183	6,195	6,208	6,220	6,232
GENESEE TWP	24,093	23,791	23,910	23,958	24,006	24,054	24,102
GRAND BLANC TWP	25,392	26,077	26,599	26,732	26,865	27,000	27,135
MONTROSE TWP	6,236	6,386	6,418	6,431	6,444	6,457	6,469
MOUNT MORRIS TWP	25,198	24,818	24,942	24,992	25,042	25,092	25,142
MUNDY TWP	11,511	11,812	11,871	11,895	11,919	11,942	11,966
RICHFIELD TWP	7,271	7,578	7,616	7,631	7,646	7,662	7,677
THETFORD TWP	8,333	8,392	8,434	8,451	8,468	8,485	8,502
VIENNA TWP	13,210	13,310	13,377	13,403	13,430	13,457	13,484
VILLAGES:							
GOODRICH	916	1,127	1,133	1,135	1,137	1,139	1,142
OTISVILLE	724	730	734	735	737	738	740
TOTAL	430,459	436,835	440,588	441,686	442,787	443,892	445,001
OFFICE OF MANAGEMENT AND BUDGET ESTIMATES							
		436,700	437,700	435,500	431,100	425,300	419,000

*Villages of Gaines, Lennon, and Otter Lake included in township population totals
Adopted by Genesee County Metropolitan Planning Commission 10/7/97

ALTERNATIVE SOLID WASTE MANAGEMENT SYSTEMS

The Genesee County Solid Waste Management Planning Committee reviewed the alternatives approved in the 1990 Solid Waste Management Plan to reduce the amount of solid waste ending up in sanitary landfills. The alternatives were analyzed from economical and environmental aspects, and an implementation plan based around a continued dependency on landfilling. The predominant method of disposal in Genesee County at the current time is landfill at three major sites; two located in the County and one located in an adjacent county. The 1990 plan alternatives provided the best combination of technologies to suit our needs for the short term, the next five (5) years; and the long term, the next ten (10) years. It must be remembered that of the estimated 1,527 tons per day generated within Genesee County, the commercial and industrial sector is responsible for 427 tons per day of the wastes generated. The cooperation of the private sector is essential if our management plan is to be enforceable.

It will be the intent of this plan to remain flexible and develop a strategy for management. To attempt to foresee the future of such a dynamic industry and mandate controls for a ten (10) year period would be counterproductive. Our goal is to review our new plan in five (5) years in order to adjust to current and projected needs within Genesee County.

The resource recovery technologies and management techniques available are briefly described as follows:

1. Waste Reduction - Source reduction is a practice that results in less solid waste being disposed of in the waste stream. The industrial and commercial sector have made significant improvements toward reducing the quantity of wastes generated. The incentives to reduce solid wastes have become more economic, as waste that is recycled not only reduces collection costs, it also provides income. As the county planning agency, we can do little to mandate source reduction of solid waste, but by educating the producer, gains have been achieved in limiting the quantity of waste generated. Methods of waste reduction include reduced package material, and incorporating from the design stage recycling and reuse technologies and increased product life.
 - a. Reduction in Packaging: This option for source reduction involves the packaging of a product so that minimum quantities of materials are used for packaging. This approach is also targeted toward reduction of packaging of other types of materials (e.g., office supplies, package shippers). While this approach reduces the amount of raw material necessary to package a product, it also requires less space and energy to transport the product to the consumer. The packaging personnel are often more concerned with making a product salable rather than showing concern for solid wastes discarded. The automotive industry in Genesee County has taken great strides forward in requiring that all the component parts of an automotive assembly line be delivered to the assembly plant in returnable, reusable pallets and containers, rather than individual packaging. Significant savings of raw materials and the reduction in solid waste quantities will produce dollar savings for the producer and the consumer.

- b. **Increased Product Life:** This approach to source reduction involves increasing the time span that a consumer product remains in use by society. The planned obsolescence experienced by all consumers, and the high maintenance costs, are forcing consumers to buy new products. An approach to reuse discarded items that are potentially useful to another consumer, is a prudent approach. This can be accomplished by recycling items through Goodwill, Salvation Army, St. Vincent de Paul, or similar types of organizations.
2. **Product Reuse** - This technology involves using a product on a repetitive basis. The intent is to reuse without changing its original form. The reuse concept may be applied to using a ceramic washable coffee cup rather than disposable paper or Styrofoam cups. A thought process of consumers to reuse rather than dispose will reduce wastes. Other reuse areas such as diapers, razors, cigarette lighters should be enforced. Changing consumer preference is an ongoing process that must begin with education.
3. **Composting** - Composting is a low technology application for reducing homeowners grass clippings and leaves from entering the waste stream. The decomposition of organic matter in the grass and leaves creates a soil conditioner that is beneficial to gardening. The technology can be applied to individuals or to community-wide ventures. The reduction of solid waste generates a salable product. For composting conducted on a community-wide basis, attention must be directed to market expansion for the humus. An application of composting would be at landfill sites where the landfill operator would be his own market, as the final slopes of a completed landfill would require humus for establishing a vegetative growth on the clay cap. Local leaf burning bans, and a concerted educational awareness program, are essential to an effective program. Since the statewide ban on landfilling of grass and leaves was enacted, communities in Genesee County are required to establish alternatives, such as composting for management of this element of solid waste stream. The implementation of a composting program can be individual or community-wide. To be effective, a continuing education program is essential.

Composting alternatives must be investigated to help alleviate the problems of concentrating large amounts of compost material in one location. A system that can be used by residents, who, individually, do not produce large quantities of compostable materials, should be implemented and evaluated for effectiveness.

4. **Recycling** - Recycling is the separation, collection, and processing of materials that would otherwise become solid waste, for conversion into raw materials or new products. Recycling is already practiced at commercial and industrial sites and in all but three (3) local units of government. The recycling levels are difficult to determine, however, it can safely be stated that as economics swing in favor of recycling through market development and avoidance of landfill charges, industrial and commercial recycling will increase. Genesee County will increase recycling of its domestic waste stream through improving education and public awareness.

Education is crucial for a sustained high level of public participation. The development of markets for materials pulled from the waste stream will ensure the success of recycling in Genesee County. A major factor affecting recycling is the market availability. For source separation or site separation to be successful there must be a market that accepts the recycled product. History indicates that voluntary efforts do not operate successfully at a larger scale.

Currently there is no real incentive for residents to want to recycle. These incentives could include a number of options, for example, 50 cents per bag of recyclable materials, or discounts at grocery stores, and hardware stores for each bag of recyclable material. This system could work in the same manner as bottle returns.

An education program, which would include periodic mailing of literature or programs to schools, businesses, government agencies and residences of the importance of recycling.

5. Incineration with Energy Recovery - Waste to energy involves the incineration of solid waste at high temperatures under controlled conditions. Problems associated with the development of waste to energy facilities include the following items:

- air emissions;
- ash disposal;
- power sales.

While the volume of solid waste is reduced by 90%, this technology is very expensive and may be implemented only in the long-range plan. Batteries, hazardous household wastes, compostables and other recyclable materials should be taken out of the waste stream prior to incineration. Incineration is presently viable for the removal of wood from the waste stream in Genesee County.

6. Landfilling - The landfilling of solid waste is the final component of a comprehensive solid waste management system. Landfilling will remain a viable technology for disposal of solid wastes in Genesee County.

Landfills must be properly constructed, licensed, and operated. The siting criteria, established in the 1983 report, is still credible. Costs associated with landfill development are continuing to increase due to legislative standards required for environmental protection.

SUMMARY

The most effective solid waste policy for Genesee County will be a blend of the six (6) mentioned technologies. The integrated system will accomplish the greatest recovery of useful elements of solid waste back into our society and will provide an environmentally sound waste management for Genesee County.

The selected alternatives for short term and long term will not coincide. The short-term plan would be to perform as much composting and recycling of municipal solid waste as is economically feasible with the landfilling of all the remaining waste stream.

THE SELECTED SOLID WASTE SYSTEM

Management System

The selected solid waste Management System (Selected System) is a comprehensive approach to managing the County's solid waste and recoverable materials. The Selected System addresses the generation, transfer and disposal of the County's solid waste. It aims to reduce the amount of solid waste sent for final disposal by volume reduction techniques and by various resource conservation and resource recovery programs. It also addresses collection processes and transportation needs that provide the most cost effective, efficient service. Proposed disposal areas locations and capacity to accept solid waste are identified as well as program management, funding, and enforcement roles for local agencies. Following is an overall description of the selected system:

- The County's selected system calls for a combination of techniques to reduce the amount of solid waste being generated in the county. The selected system best fits the characteristics and the needs of Genesee County. It was decided by the Genesee County Solid Waste Management Planning Committee that the Genesee County Metropolitan Planning Commission would manage the implementation of the selected system. The committee also decided that the private sector would continue to collect and dispose of solid waste generated in the County.

The selected system focuses on the importance to use the following techniques to manage the recovery of waste from the County's waste stream.

- Encourage consumers to reuse products for longer periods of time before disposal.
- Enhance and expand recycling programs through out Genesee County.
- Promote the importance to residents, commercial and industry the importance of waste reduction.
- Develop an effective waste to energy process

SELECTED SYSTEM

If a Licensed solid waste disposal area is currently operating within another County, disposal solid waste generated by the **EXPORTING COUNTY** is authorized by the **IMPORTING COUNTY** up to the **AUTHORIZED QUANTITY** according to the **CONDITIONS AUTHORIZED** in the Current Import Volume Authorization of Solid Waste table.

CURRENT IMPORT VOLUME AUTHORIZATION OF SOLID WASTE

Exporting County	Importing County	Facility Name	Authorized Quantity Daily	Authorized Quantity Annual	Authorized Conditions
Allegan	Genesee				
Antrim	Genesee				
Bay	Genesee				
Branch	Genesee				
Calhoun	Genesee				
Cass	Genesee				
Charlevoix	Genesee				
Clinton	Genesee				
Eaton	Genesee				
Emmet	Genesee				
Grand Traverse	Genesee				
Gratiot	Genesee				
Ingham	Genesee				
Jackson	Genesee				
Kalkaska	Genesee				
Lapeer	Genesee				
Lenawee	Genesee		1100TPD		
Livingston	Genesee				
Macomb	Genesee				
Montcalm	Genesee				
Oakland	Genesee				
Saginaw	Genesee		1000TPD		
Sanilac	Genesee		1166TPD		
Shiawasee	Genesee				
St. Joseph	Genesee				
Tuscola	Genesee				
Washtenaw	Genesee				
Wayne	Genesee				

SELECTED SYSTEM

If a Licensed solid waste disposal area is currently operating within another County, disposal of solid waste generated by the **EXPORTING COUNTY** is authorized up to the **AUTHORIZED QUANTITY** according to the **CONDITIONS AUTHORIZED** in the current export volume authorization of solid waste table if authorized for import in the approved Solid Waste Management Plan of the receiving County.

Export Authorization

CURRENT EXPORT VOLUME AUTHORIZATION OF SOLID WASTE

Exporting County	Importing County	Facility Name	Authorized Quantity Daily	Authorized Quantity Annual	Authorized Conditions
Genesee	Allegan				
Genesee	Antrim				
Genesee	Bay				
Genesee	Branch				
Genesee	Calhoun				
Genesee	Cass				
Genesee	Charlevoix				
Genesee	Clinton				
Genesee	Eaton				
Genesee	Emmet				
Genesee	Grand Traverse				
Genesee	Graiot				
Genesee	Ingham				
Genesee	Jackson				
Genesee	Kalkaska				
Genesee	Lapeer				
Genesee	Lenawee		1100TPD		
Genesee	Livingston				
Genesee	Macomb				
Genesee	Montcalm				
Genesee	Oakland				
Genesee	Saginaw		1000TPD		
Genesee	Sanilac		1166TPD		
Genesee	Shiawasee				
Genesee	St Joseph				
Genesee	Tuscola				
Genesee	Washtenaw				
Genesee	Wayne				

FACILITY DESCRIPTIONS

Facility Type: Transfer and Recycling Process Station

Facility Name: Averill Recycling Inc.

County: Genesee Location: Town: T7N Range: R7E Section(s): 9

Map identifying location included in Attachment Section: Yes No On Rowe Site Plan

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: Brent Run and Citizens Landfill in Genesee County

Public Private Owner: Averill Recycling Inc.

Operating Status (check)		Waste Types Received (check all that apply)	
<input type="checkbox"/>	open	<input checked="" type="checkbox"/>	residential
<input type="checkbox"/>	closed	<input checked="" type="checkbox"/>	commercial
<input type="checkbox"/>	licensed	<input checked="" type="checkbox"/>	industrial
¹ <input checked="" type="checkbox"/>	unlicensed	<input checked="" type="checkbox"/>	construction & demolition
<input type="checkbox"/>	construction permit	<input type="checkbox"/>	contaminated soils
<input type="checkbox"/>	open, but closure pending	<input type="checkbox"/>	special wastes *
		<input type="checkbox"/>	other:

* Explanation of special wastes, including a specific list and/or conditions:
No special waste, only Type II inside of building

Site Size:

Total area of facility property:	<u>16.5</u>	acres
Total area sited for use:	<u>9</u>	acres
Total area permitted:	<u>16.5</u>	acres
Operating:	<u>5</u>	acres
Not excavated:	<u>2</u>	acres
Current capacity:	<u>300</u>	<input checked="" type="checkbox"/> tons or <input type="checkbox"/> yds ³
Estimated lifetime:	<u>30</u>	years
Estimated days open per year:	<u>6</u>	days
Estimated yearly disposal volume:	<u>85,000</u>	<input checked="" type="checkbox"/> tons or <input type="checkbox"/> yds ³

(if applicable)

Annual energy production:		
Landfill gas recovery projects:	<u>N/A</u>	megawatts
Waste-to-energy incinerators:	<u>N/A</u>	megawatts

¹ The transfer facility at the time of this plan update is currently in the proposal stage.

FACILITY DESCRIPTIONS

Facility Type: Processing Facility

Facility Name: CBC Recycling Processing Facility

County: Genesee Location: Town: T7N Range: R7E Section(s): 19

Map identifying location included in Attachment Section: Yes No

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes:

Public Private Owner: CBC Recycling

Operating Status (check)

- open
- closed
- licensed
- 1. unlicensed
- construction permit
- open, but closure pending

Waste Types Received (check all that apply)

- residential
- commercial
- industrial
- construction & demolition
- contaminated soils
- special wastes*
- other:

* Explanation of special wastes, including a specific list and/or conditions:

Site Size:

Total area of facility property:	<u>4.5</u>	acres
Total area sited for use:	<u>1</u>	acres
Total area permitted:	<u>1</u>	acres
Operating:	<u>1</u>	acres
Not excavated:	<u>3.5</u>	acres
Current capacity:	<u>3000</u>	<input type="checkbox"/> tons or <input type="checkbox"/> yds ³
Estimated lifetime:		years
Estimated days open per year:	<u>285</u>	days
Estimated yearly disposal volume:	<u>10</u>	<input type="checkbox"/> tons or <input type="checkbox"/> yds ³

(if applicable)

Annual energy production:		
Landfill gas recovery projects:	<u>N/A</u>	megawatts
Waste-to-energy incinerators:	<u>N/A</u>	megawatts

1. The transfer facility at the time of this plan update is currently in the proposal stage.

FACILITY DESCRIPTIONS

Facility Type: (PROPOSED) Transfer Station

Facility Name: City of Flint Transfer Station

County: Genesee Location: Town: T6N Range: R5E Section(s): 19

Map identifying location included in Attachment Section: Yes No

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: Venice Park Lennon, Michigan (Waste Management)

Public Private Owner: City of Flint

Operating Status (check)		Waste Types Received (check all that apply)	
<input type="checkbox"/>	open	<input checked="" type="checkbox"/>	residential
<input type="checkbox"/>	closed	<input type="checkbox"/>	commercial
<input type="checkbox"/>	licensed	<input type="checkbox"/>	industrial
1. <input checked="" type="checkbox"/>	unlicensed	<input checked="" type="checkbox"/>	construction & demolition
<input type="checkbox"/>	construction permit	<input type="checkbox"/>	contaminated soils
<input type="checkbox"/>	open, but closure pending	<input type="checkbox"/>	special wastes *
		<input type="checkbox"/>	other:

* Explanation of special wastes, including a specific list and/or conditions:

Site Size:

Total area of facility property:	<u>16.5</u>	acres
Total area sited for use:	<u>2</u>	acres
Total area permitted:	_____	acres
Operating:	_____	acres
Not excavated:	_____	acres
Current capacity:	_____	<input type="checkbox"/> tons or <input type="checkbox"/> yds ³
Estimated lifetime:	<u>20</u>	years
Estimated days open per year:	<u>312</u>	days
Estimated yearly disposal volume:	<u>150,000</u>	<input type="checkbox"/> tons or <input checked="" type="checkbox"/> yds ³

(if applicable)

Annual energy production:		
Landfill gas recovery projects:	_____	megawatts
Waste-to-energy incinerators:	_____	megawatts

- The transfer facility at the time of this plan update is currently in the proposal stage.

FACILITY DESCRIPTIONS

Facility Type: Solid Waste Transfer Station and Recycling

Facility Name: Resource Recovery of Flint, Inc.

County: Genesee Location: Town: T6N Range: R5E Section(s): 32

Map identifying location included in Attachment Section: Yes No

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: Brent Run Land Fill

Public Private Owner: Resource Recovery of Flint, Inc.

Operating Status (check)

- open
- closed
- licensed
- unlicensed
- construction permit
- open, but closure pending

Waste Types Received (check all that apply)

- residential
- commercial
- industrial
- construction & demolition
- contaminated soils
- special wastes *
- other:

* Explanation of special wastes, including a specific list and/or conditions:

Site Size:

Total area of facility property:	<u>3.5</u>	acres
Total area sited for use:	<u>3.5</u>	acres
Total area permitted:		acres
Operating:	<u>3.5</u>	acres
Not excavated:	<u> </u>	acres
Current capacity:	<u>300</u>	<input type="checkbox"/> tons or <input checked="" type="checkbox"/> yds ³ per day
Estimated lifetime:		years
Estimated days open per year:	<u>350</u>	days
Estimated yearly disposal volume:	<u>108,000</u>	<input type="checkbox"/> tons or <input checked="" type="checkbox"/> yds ³

(if applicable)

Annual energy production:		
Landfill gas recovery projects:	<u>N/A</u>	megawatts
Waste-to-energy incinerators:	<u>N/A</u>	megawatts

FACILITY DESCRIPTIONS

Facility Type: Solid Waste Transfer Facility and Processing Plant

Facility Name: Valley Rubbish (Valley-1)

County: Genesee Location: Town: T6N Range: R5E Section(s): 29

Map identifying location included in Attachment Section: Yes No

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: Venice Park Landfill

Public Private Owner: Waste Management of Michigan, Inc.

Operating Status (check)	Waste Types Received (check all that apply)
<input type="checkbox"/> open	<input type="checkbox"/> residential
<input type="checkbox"/> closed	<input type="checkbox"/> commercial
<input checked="" type="checkbox"/> licensed	<input type="checkbox"/> industrial
<input type="checkbox"/> unlicensed	<input type="checkbox"/> construction & demolition
<input type="checkbox"/> construction permit	<input type="checkbox"/> contaminated soils
<input type="checkbox"/> open, but closure	<input type="checkbox"/> special wastes *
<input type="checkbox"/> pending	<input type="checkbox"/> other:

* Explanation of special wastes, including a specific list and/or conditions:

This facility is not currently being used.

Site Size:

Total area of facility property:	<u>1.5</u>	acres
Total area sited for use:		acres
Total area permitted:	<u>1.5</u>	acres
Operating:	<u>*1.5</u>	acres
Not excavated:	<u>1.5</u>	acres
Current capacity:	_____	<input type="checkbox"/> tons or <input type="checkbox"/> yds ³
Estimated lifetime:	_____	years
Estimated days open per year:	_____	days
Estimated yearly disposal volume:	_____	<input type="checkbox"/> tons or <input type="checkbox"/> yds ³

(if applicable)

Annual energy production:		
Landfill gas recovery projects:	_____	megawatts
Waste-to-energy incinerators:	_____	megawatts

*Building area is 5625 ft²

FACILITY DESCRIPTIONS

Facility Type: Type II and Type III

Facility Name: Waste Management/Venice Park Recycling & Disposal Facility

County: Shiawassee Location: Town: T7N Range: R4E Section(s):

Map identifying location included in Attachment Section: Yes No

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes:

Public Private Owner: Waste Management

Operating Status (check)		Waste Types Received (check all that apply)	
<input checked="" type="checkbox"/>	open	<input checked="" type="checkbox"/>	residential
<input type="checkbox"/>	closed	<input checked="" type="checkbox"/>	commercial
<input type="checkbox"/>	licensed	<input checked="" type="checkbox"/>	industrial
<input type="checkbox"/>	unlicensed	<input checked="" type="checkbox"/>	construction & demolition
<input type="checkbox"/>	construction permit	<input checked="" type="checkbox"/>	contaminated soils
<input type="checkbox"/>	open, but closure pending	<input checked="" type="checkbox"/>	special wastes *
		<input type="checkbox"/>	other:

* Explanation of special wastes, including a specific list and/or conditions:

Asbestos; Medical waste; Venice Park RDF is also licensed to solidify non-hazardous liquids on site

Site Size:

Total area of facility property:	<u>325</u>	acres
Total area sited for use:	<u>80</u>	acres
Total area permitted:		acres
Operating:	<u>36.04</u>	acres
Not excavated:	<u>-0-</u>	acres
Current capacity:	<u>666,667</u>	<input checked="" type="checkbox"/> tons or <input type="checkbox"/> yds ³
Estimated lifetime:	<u>2</u>	years
Estimated days open per year:	<u>281</u>	days
Estimated yearly disposal volume:	<u>333,333</u>	<input checked="" type="checkbox"/> tons or <input type="checkbox"/> yds ³

(if applicable)

Annual energy production:		
Landfill gas recovery projects:	<u>1.2</u>	megawatts
Waste-to-energy incinerators:	<u> </u>	megawatts

FACILITY DESCRIPTIONS

Facility Type: Type II Sanitary Landfill

Facility Name: Brent Run, Inc.

County: Genesee Location: Town: T9N Range: R5E Section(s): 23

Map identifying location included in Attachment Section: Yes No

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: _____

Public Private Owner: Republic Services of Michigan, Inc.

Operating Status (check)

- open
- closed
- licensed
- unlicensed
- construction permit
- open, but closure pending

Waste Types Received (check all that apply)

- residential
- commercial
- industrial
- construction & demolition
- contaminated soils
- special wastes *
- other:

* Explanation of special wastes, including a specific list and/or conditions:

Site Size:

Total area of facility property:	<u>243.17</u>	acres
Total area sited for use:	<u>243.17</u>	acres
Total area permitted:	_____	acres
Operating:	<u>38.91</u>	acres
Not excavated:	<u>67.56</u>	acres
Current capacity:	<u>12,000,000</u>	<input type="checkbox"/> tons or <input checked="" type="checkbox"/> yds ³
Estimated lifetime:	<u>20+</u>	years
Estimated days open per year:	<u>280</u>	days
Estimated yearly disposal volume:	<u>324,000</u>	<input checked="" type="checkbox"/> tons or <input type="checkbox"/> yds ³

(if applicable)

Annual energy production:		
Landfill gas recovery projects:	<u>NA</u>	megawatts
Waste-to-energy incinerators:	<u>NA</u>	megawatts

FACILITY DESCRIPTIONS

Facility Type: Type II Sanitary Landfill

Facility Name: Citizens Disposal, Inc.

County: Genesee Location: Town: T6N Range: R6E Section(s): 23

Map identifying location included in Attachment Section: Yes No

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: N/A

Public Private Owner: Citizens Disposal, Inc.

Operating Status (check)	Waste Types Received (check all that apply)
<input checked="" type="checkbox"/> open	<input checked="" type="checkbox"/> residential
<input type="checkbox"/> closed	<input checked="" type="checkbox"/> commercial
<input type="checkbox"/> licensed	<input checked="" type="checkbox"/> industrial
<input type="checkbox"/> unlicensed	<input checked="" type="checkbox"/> construction & demolition
<input type="checkbox"/> construction permit	<input checked="" type="checkbox"/> contaminated soils --
<input type="checkbox"/> open, but closure pending	<input checked="" type="checkbox"/> special wastes *
	<input type="checkbox"/> other:

* Explanation of special wastes, including a specific list and/or conditions:
Non-hazardous solid waste requiring prior review and approval including analytical review.

Site Size:

Total area of facility property:	<u>301</u>	acres
Total area sited for use:	<u>258</u>	acres
Total area permitted:		acres
Operating:	<u>51.66</u>	acres
Not excavated:	<u>-0-</u>	acres

Current capacity:	<u>20.4 M</u>	<input type="checkbox"/> tons or <input checked="" type="checkbox"/> yds ³
Estimated lifetime:	<u>30</u>	years
Estimated days open per year:	<u>310</u>	days
Estimated yearly disposal volume:	<u>1,066,711</u>	<input type="checkbox"/> tons or <input checked="" type="checkbox"/> yds ³

(if applicable)

Annual energy production:		
Landfill gas recovery projects:	<u>2.4</u>	megawatts
Waste-to-energy incinerators:	<u>N/A</u>	megawatts

Solid Waste Collection Services And Transportation

The following describes the solid waste collection services and transportation infrastructure, which will be utilized within the County to collect and transport solid waste.

	Collection Company	Recycling
Cities:		
Burton	Waste Management	Recycling Included
Clio	Waste Management	Recycling Included
Davison	BFI/Allied	Recycling Included
Fenton	Waste Management	Recycling Included
Flint	City of Flint	Recycling Included
Flushing	Waste Management	Recycling Included
Grand Blanc	Waste Management	Recycling Included
Linden	Waste Management	Recycling Included
Montrose	Waste Management	No Recycling
Mt. Morris	Waste Management	Recycling Included
Swartz Creek	Waste Management	Recycling Included
Townships:		
Argentine	Waste Management	Recycling Included
Atlas	Waste Management	Recycling Included
Clayton	Waste Management	No Recycling
Davison	BFI/Allied	Recycling Included
Fenton	BFI/Allied	Recycling Included
Flint	Waste Management	Recycling Included
Flushing	Waste management	Recycling Included
Forest	Waste Management	Recycling Included
Gaines	Waste Management	Recycling Included
Genesee	Waste Management	Recycling Included
Grand Blanc	Waste Management	Recycling Included
Montrose	Waste Management	No Recycling
Mt. Morris	Waste Management	Volunteer Recycling
Mundy	BFI/Allied	Recycling Included
Richfield	Waste Management	Recycling Included
Thetford	Waste Management	Recycling Included
Vienna	Waste Management	Recycling Included
Villages		
Gaines	Waste Management	Recycling Included
Goodrich	Waste Management	Recycling Included
Otisville	BFI/Allied	Recycling Included

The private sector will continue to collect the County's residential solid waste, with the exception of the City of Flint, whose Department of Public Works collects its residential waste. The private haulers currently provide collection services through contracts with the local municipalities. The industrial and commercial sector also contract with the private sector to handle its waste. Out of the thirty one (31) municipalities that contract out to a private hauler 83% of the contracts include recycling in their fee. The County hopes to encourage all of the local municipalities to work with the private sector to implement a recycling component into their contract.

Overall, the existing collection services and the infrastructure is secure enough to accommodate the present and future waste stream in Genesee County.

Resource Conservation Efforts

The following describes the selected system's proposed conservation efforts to reduce the amount of solid waste generated throughout the County. The annual amount of solid waste currently or proposed to be diverted from landfills and incinerators is estimated for each effort to be used, if possible. Since conservation efforts are provided voluntarily and change with technologies and public awareness, it is not this Plan update's intention to limit the efforts to only what is listed. Instead citizens, businesses, and industries are encouraged to explore the options available to their lifestyles, practices, and processes, which will reduce the amount of materials requiring disposal.

<u>Effort Description</u>	Est. Diversion Tons/Yr		
	<u>Current</u>	<u>5th yr</u>	<u>10th yr</u>
Maximum utilization of recycling facilities in Genesee County and surrounding counties	Unknown	40,000	65,000
Composting and Recycling workshops for the residents of Genesee County.	Unknown	20,000	40,000
Increase the private sector participation in waste reduction efforts	Unknown	15,000	30,000
Research the feasibility of a county wide recycling and composting program	Unknown	38,000	50,000

Additional efforts and the above information for those efforts are listed on an attached page.

Waste Reduction, Recycling, & Composting Programs

Volume Reduction Techniques

The following describes the techniques to be utilized and proposed throughout the County, which reduces the volume of solid waste requiring disposal. The annual amount of landfill air space not used as a result of each of these techniques is estimated. Since volume reduction is practiced voluntarily and because technologies change and equipment may need replacing, it is not this Plan update's intention to limit the techniques to only what is listed. Persons within the county are encouraged to utilize the technique that provides the most efficient and practical volume reduction for their needs. Documentation explaining achievements of implemented programs or expected results of proposed programs is attached.

Technique Description	Est. Air Space Conserve Yds ³ /yr		
	Current	5 th yr	10 th yr
Encourage product reuse in the private and public sector	Unknown	25,000	40,000
Implement volume reduction techniques for GM: compacting and paper shredding	Unknown	2,000	5,000
Investigate the feasibility of implementing a compacting and paper shredding program in Genesee County	Unknown	30,000	50,000

Additional efforts and the above information for those efforts are listed on an attached page.

Overview Of Resource Recovery Programs

The following describes the type and volume of material in the county's waste stream that may be available for recycling or composting programs. How conditions in the County affect or may affect a recycling or composting program and potential benefits derived from these programs is also discussed. Impediment to recycling or composting programs which exist or which may exist in the future are listed, followed by a discussion regarding reducing or eliminating such impediments.

Recycling programs within the County is feasible. Details of existing and planned programs are included on the following pages.

Recycling programs for the County have been evaluated and it has been determined that it is not feasible to conduct any programs because of the following:

Composting programs within the County is feasible. Details of existing and planned programs are included on the following pages.

Composting programs for the County have been evaluated and it has been determined that it is not feasible to conduct any programs because of the following:

The Genesee County Solid Waste Management Planning Committee plans to implement a resource recovery program that will increase the recycling and composting rate in the County. This resource recovery program will best fit the needs and the characteristics of Genesee County. The program is composed of the following components:

- Form a partnership between the Genesee County Metropolitan Planning Commission, local units of government and the private waste industry.
- Educational workshops for residents on how to properly recycle and compost.
- Educational programs on the importance of recycling and composting.
- Investigate methods to motivate residents to recycle and compost

Programs for source separation of potentially hazardous materials are feasible and details are included on the following pages.

Separation of potentially hazardous materials from the County's waste stream has been evaluated and it has been determined that it is not feasible to conduct any separation programs because of the following:

The separation of potentially hazardous materials from the County's waste stream has been implemented into the recycling portion of the selected system.

Genesee County, the City of Flint, the local units of government and local environmental groups sponsors twice a year a household hazardous waste pick up event. Due to the cost of the event, it has been determine that presently it is only feasible to conduct this event twice a year.

Recycling and Composting

The following is a brief analysis of the recycling and composting programs selected for the County in this Plan. The analysis covers various factors within the County and the impacts of these factors on recycling and composting. Following the written analysis, Table one (1) lists the existing recycling that is currently active in the County and which will be continued as part of this Plan. Table two (2) and Table three (3) list the recycling and composting programs that are proposed in the future for the County.

Recycling

Many local units of government in Genesee County have a recycling program in operation. Out of the thirty-one (31) local units of government in Genesee County, there are only three (3) local units that do not have a recycling program in operation. Presently, there is no system to track recycling activities or the rate of recycling in the County. The County's selected system is intended to increase the recycling rate and develop a system to track recycling activities both its successes and as well as its deficiencies.

The selected system intends to use a combination of the following techniques to increase the County's recycling rate:

- Investigate techniques to motivate the public to recycle;
- Educational workshops on proper recycling techniques ;
- Aggressive marketing efforts to promote recycling;
- Expand the participation of commercial and other industrial businesses in Genesee County.

Education and public awareness is a key component in motivating the public to recycle. The most effective technique will focus on changing attitudes into learned behavior. This technique would include an aggressive educational program concentrating on the importance of recycling and the proper way to recycle. This would include a combination of workshops, informative handbooks and an ongoing publicity program. Most people believe in the importance of preserving the environment and the conservation of natural resources, however, they will only make the effort to recycle if the program is easily accessible. This may include the provision of recycling bins, drop off centers and curbside pickup.

Many residents would make the effort to recycle if they only knew the proper techniques. Getting more of the public involved in recycling will not be an easy task. This would have to include an on going process of the following:

- Creating public awareness on the importance of recycling;
- Instructing the public on how they can participate in the recycling program;
- Instructions on how to source separate recyclable materials;
- Maintaining the public interest by informing them of program results and benefits.

- On going publicity of the program through flyers, television commercials, handbooks, etc.

The selected system also calls for an alliance between the Genesee County Metropolitan Planning Commission, the private waste industry and the local units of government. This alliance could sponsor recycling and composting seminars for the public. The seminars would inform the public of its goal to increase the recycling rate countywide. The seminars will explain to the public their role in achieving a higher resource recovery rate for the county. The alliance would also meet among themselves to discuss the progress of recycling efforts and any impediments the programs may be facing.

Composting

Composting is a low technology application for reducing homeowners' grass clippings and leaves from entering landfills. In return, compost can be used as a soil conditioner for plants and gardens. Backyard composting is an economically feasible option for residents. A good education program would help residents learn the benefits and techniques of backyard composting. The program would include the following:

- How to properly mix organic matter (leaves, grass, food etc.) to create compost.
- The different types of composting methods:
 - The bin system: a method using one or more bin depending on the volume of yard and food waste a resident generates, to create compost. The bin can contain a mixture of the following: leaves, harvest remains, weeds, grass clippings and food waste (excluding fatty foods, bones and meat).
 - Vermicomposting: a method of composting using worms to recycle food waste (excluding fatty foods, bones and meat) into a soil conditioner that can be used as a fertilizer for plants and gardens.
 - The type of compost system that will best fit the need of the resident, industrial and commercial businesses.

For residents who do not wish to participate in backyard composting, the education program will inform the resident of the proper way to dispose of their yard waste. For example, the proper type of container or bag to put the yard waste in to prevent odor. Also a schedule indicating the time and day of pick up for yard waste.

In conclusion, the selected system calls for the continuation of the private sector managing the County's recyclable materials and compost. The intention of this resource recovery portion of the selected system is to expand the participation of private sector, public sector, non-profits and governmental agencies in its effort to increase the resource recovery rate for Genesee County

Existing Recycling Programs

TABLE 1

RECYCLING:

Program Name	Service Area ¹ Cities	Public or Private	Collection Point ³	Collection Frequency ⁴	Program Development	Management Operation	Responsibilities ² Evaluation
Recycling	Burton	Private	c	b	5	5	5
Recycling	Clio	Private	c	b	5	5	5
Recycling	Davison	Private	c	b	5	5	5
Recycling	Fenton	Private	c	b	5	5	5
Recycling	Flint	Public	c	b	3	3	5
Recycling	Flushing	Private	c	b	5	5	5
Recycling	Grand Blanc	Private	c	b	5	5	5
Recycling	Linden	Private	c	b	5	5	5
No Recycling	Montrose						
Recycling	Mt. Morris	Private	c	b	5	5	5
Recycling	Swartz Creek	Private	c	b	5	5	5
<u>Townships:</u>							
Recycling	Argentine	Private	c	b	5	5	5
Recycling	Atlas	Private	c	b	5	5	5
No Recycling	Clayton						
Recycling	Davison	Private	c	b	5	5	5
Recycling	Fenton	Private	c	b	5	5	5
Recycling	Flint	Private	d	m	5	5	5
Recycling	Flushing	Private	c	b	5	5	5
Recycling	Forest	Private	c	b	5	5	5
Recycling	Gaines	Private	c	b	5	5	5
Recycling	Genesee	Private	c	b	5	5	5
Recycling	Grand Blanc	Private	c	b	5	5	5
Recycling	Fenton	Private	c	b	5	5	5
Recycling	Flint	Private	c	m	5	5	5

Program Name	Service Area	Public or Private	Collection Point	Collection Frequency	Program Development	Management Operation	Responsibilities Evaluation
Recycling	Flushing	Private	c	b	5	5	5
Recycling	Forest	Private	c	b	5	5	5
Recycling	Gaines	Private	c	b	5	5	5
Recycling	Genesee	Private	c	b	5	5	5
Recycling	Grand Blanc	Private	c	b	5	5	5
No Recycling	Montrose						
Volunteer	Mt. Morris	Private	d	m	5	5	5
Recycling	Mundy	Private	c	b	5	5	5
Recycling	Richfield	Private	c	b	5	5	5
Recycling	Thetford	Private	c	b	5	5	5
Recycling	Vienna	Private	c	b	5	5	5
Villages:							
Recycling	Gaines	Private	c	b	5	5	5
Recycling	Goodrich	Private	c	b	5	5	5
Recycling	Otisville	Private	c	b	5	5	5

¹Identified by where the program will be offered. If throughout the planning area, then listed by planning area; if only in specific counties, then listed by county; if only in specific municipalities, then listed by its name and respective county.

²Identified by 1= Designated Planning Agency; 2= County Board of Commissioners; 3= Department of Public Works; 4= Environmental; 5= Private Owner/Operator; 6 = Other .

³Identified by c= curbside; d= drop-off; o= onsite; and if other explained.

⁴Identified by d= daily; w= weekly; b= biweekly; m= monthly; and if seasonal service also indicated by Sp = Spring; Su = Summer; Fa = Fall; Wi = Winter.

⁵Identified by the materials collected by listing of the letter located by the material type. A= Plastics; B= Newspaper; C= Corrugated Containers; D= Other Paper; E= Glass; F= Metals; P= Pallets; J= Construction/Demolition; K= Tires; L1, L2 etc.

TABLE 2

Proposed Recycling

Program Name (if known)	Service Area ¹	Public or Private	Collection Point ²	Collection Frequency ⁴	Materials Collected ⁵	Program Development	Management Operation	Responsibilities ³ Evaluation
Cities:								
Recycling	Burton	Private	c	b	a,b,c,d,	1	5	1
Recycling	Clio	Private	c	b	a,b,c,d	1	5	1
Recycling	Davison	Private	c	b	a,b,c,d	1	5	1
Recycling	Fenton	Private	c	b	a,b,c,d	1	5	1
Recycling	Flint	Public	c	b	a,b,c,d	1	5	1
Recycling	Flushing	Private	c	b	a,b,c,d	1	5	1
Recycling	Grand Blanc	Private	c	b	a,b,c,d	1	5	1
Recycling	Linden	Private	c	b	a,b,c,d	1	5	1
Recycling	Montrose	Private	c	b	a,b,c,d	1	5	1
Recycling	Mt. Morris	Private	c	b	a,b,c,d	1	5	1
Recycling	Swartz Creek	Private	c	b	a,b,c,d	1	5	1
Townships:								
Recycling	Argentine	Private	c	b	a,b,c,d	1	5	1
Recycling	Atlas	Private	c	b	a,b,c,d	1	5	1
Recycling	Clayton	Private	c	b	a,b,c,d	1	5	1
Recycling	Davison	Private	c	b	a,b,c,d	1	5	1
Recycling	Fenton	Private	c	b	a,b,c,d	1	5	1
Recycling	Flint	Private	c	b	a,b,c,d	1	5	1
Recycling	Flushing	Private	c	b	a,b,c,d	1	5	1
Recycling	Forest	Private	c	b	a,b,c,d	1	5	1
Recycling	Gaines	Private	c	b	a,b,c,d	1	5	1
Recycling	Genesee	Private	c	b	a,b,c,d	1	5	1
Recycling	Grand Blanc	Private	c	b	a,b,c,d	1	5	1
Recycling	Montrose	Private	c	b	a,b,c,d	1	5	1
Recycling	Mt. Morris	Private	c	b	a,b,c,d	1	5	1
Recycling	Mundy	Private	c	b	a,b,c,d	1	5	1
Recycling	Richfield	Private	c	b	a,b,c,d	1	5	1
Recycling	Thetford	Private	c	b	a,b,c,d	1	5	1
Recycling	Vienna	Private	c	b	a,b,c,d	1	5	1

Program Name (if known)	Service Area ¹	Public or Private	Collection Point ³	Collection Frequency ⁴	Materials Collected	Program Development	Management Operation	Responsibilities ² Evaluation
	Villages:							
Recycling	Gaines	Private	c	b	a,b,c,d	1	5	1
Recycling	Goodrich	Private	c	b	a,b,c,d	1	5	1
Recycling	Otisville	Private	c	b	a,b,c,d	1	5	1
Recycling	Commercial Industry	Private	o	b	a,b,c,d,e,f,p,k	5	5	1
Recycling		Private	o	b	a,b,c,d,e,f,p,j,k	5	5	1
Recycling	Vienna	Private	c	b	a,b,c,d		1	5

¹Identified by where the program will be offered. If throughout the planning area, then listed by planning area; if only in specific counties, then listed by county; if only in specific municipalities, then listed by its name and respective county.

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³Identified by c= curbside; d= drop-off; o= onsite; and if other explained.

⁴Identified by d= daily; w= weekly; b= biweekly; m= monthly; and if seasonal service also indicated by Sp = Spring; Su = Summer; Fa = Fall; Wi = Winter.

⁵Identified by the materials collected by listing of the letter located by the material type. A= Plastics; B= Newspaper; C= Corrugated Containers; D= Other Paper; E= Glass; F= Metals; P= Pallets; J= Construction/Demolition; K= Tires; L1, L2 etc.

TABLE 3

Proposed Composting

Program Name (if known)	Service Area ¹	Public or Private	Collection Point ³	Collection Frequency	Materials Collected ⁵	Program Development	Management Operation	Responsibilities ² Evaluation
Cities:								
Burton		Private	c	w	g,l	1	5	1
Clio		Private	c	w	g,l	1	5	1
Davison		Private	c	w	g,l	1	5	1
Fenton		Private	c	w	g,l	1	5	1
Flint		Public	c	w	g,l	1	5	1
Flushing		Private	c	w	g,l	1	5	1
Grand Blanc		Private	c	w	g,l	1	5	1
Linden		Private	c	w	g,l	1	5	1
Montrose		Private	c	w	g,l	1	5	1
Mt. Morris		Private	c	w	g,l	1	5	1
Swartz Creek		Private	c	w	g,l	1	5	1
Townships:								
Argentine		Resident	o		g,l,w,a,			
Atlas		Resident	o		g,l,w,a			
Clayton		Resident	o					
Davison		Public	d					
Fenton		Private	c	w,sp,su,fa	g,l,w,a	1	5	1
Flint		Private	c	w,sp,su,fa	g,l,w,a	1	5	1
Flushing		Private	c	w,sp,su,fa	g,l	1	5	1
Forest		Resident	o		g,l,w,a			

Program Name (if known)	Service Area ¹	Public or Private	Collection Point ³	Collection Frequency ⁴	Materials Collected	Program Development	Management Operation	Responsibilities ² Evaluation
	Gaines	Resident	o		g,l,w,a			
	Genesee	Private	c	w,sp,su,fa	g,l,w,	1	5	1
	Grand Blanc	Private	c	w,sp,su,fa	g,l,w,	1	5	1
	Montrose	Resident	c	w,sp,su,fa	g,l,w	1	5	1
	Mt. Morris	Private	c	w,sp,su,fa	g,l,w	1	5	1
	Mundy	Private	o		g,l,w,a			
	Richfield	Private	c	w,sp,su,fa	g,l,w	1	5	1
	Thetford	Private	o		g,l,w,a			
	Vienna	Private	o		g,l,w,a			
	Villages:							
	Gaines	Private	o		g,l,w,a			
	Goodrich	Private	o		g,l,w,a			
	Otisville	Private	o		g,l,w,a			
	Commercial	Private	d	m	g,l,f,w	5	5	1
	Industry	Private	d	m	g,l,f,w,a,m	5	5	1

¹Identified by where the program will be offered. If throughout the planning area, then listed by planning area; if only in specific counties, then listed by county; if only in specific municipalities, then listed by its name and respective county.

²Identified by 1= Designated Planning Agency; 2= County Board of Commissioners; 3= Department of Public Works; 4= Environmental Group; 5= Private Owner/Operator; 6 = Other.

³Identified by c= curbside; d= drop-off; o= onsite; and if other explained.

⁴Identified by d= daily; w= weekly; b= biweekly; m= monthly; and if seasonal service also indicated by Sp = Spring; Su = Summer; Fa = Fall; Wi = Winter.

⁵Identified by the materials collected by listing of the letter located by the material type. A= Plastics; B= Newspaper; C= Corrugated Containers; D= Other Paper; E= Glass; F= Metals; P= Pallets; J= Construction/Demolition; K= Tires; L1, L2 etc.

TABLE 4

Existing Composting

There are currently no composting programs in the County. Only two local units of government have their own programs that they implement.

Identification Of Resource Recovery Management Entities

The following identifies those public and private parties, and the resource recovery or recycling programs for which they have management responsibilities.

The Genesee County Metropolitan Planning Commission will serve as an umbrella agency for resource recovery programs. An entity that is willing to administer a resource recovery program may contact the Genesee County Metropolitan Planning Commission for assistance and direction. This may include, but is not limited to the following entities:

- Environmental Groups;
- School System;
- Local Units of Government;
- Industry;
- Commercial;
- Waste Industry;
- Community Groups;
- Universities.

Solid Waste Management Components

Act 451 requires that the county solid waste management plans address how selected technical alternatives will be put into action through implementation. The solid waste management committee will review and make comment on the selected technical alternative. The solid waste management planning committee will be responsible for the functioning of the implementation plan and seeking the necessary funding to implement the plan. The solid waste planning committee will solicit the input of all available resource groups in the area. This shall include, environmental groups, landfill operators, recycling groups, University of Michigan – Flint, Michigan State University Extension Office, County Health Department, Industry and the Department of Environmental Quality.

Goals for Implementation

The Solid Waste Committee has established a series of short-term goals and long-term goals for a solid waste management implementation program. The process for a particular program will be developed through a series of meetings involving all interested parties. The goals are intended to steer the committee in the right direction that the committee intends to pursue. The goals will require an annual report by the solid waste management committee. The following goals are outlined as minimum activities for this committee:

Management Components	Timeline
Maintain knowledge of the availability of funding sources to implement solid waste management programs	Annually
Evaluate and assist the efforts of local municipalities to participate in alternatives to land filling solid waste	Annually
Maintain education programs throughout Genesee County	Annually
Promote home composting	Annually
Promote waste reduction and resource conservation efforts	Annually
Maintain a program of monitoring the efforts of the private sector on recycling, composting and other alternatives to landfilling	Annually
Monitor importing waste from other counties	2000 – 2005
Ensure that the designee is monitoring each part of the educational component	2000 – 2005

Construction Permits

This plan provides that the Genesee County Metropolitan Planning Commission shall have the responsibility to oversee the plan. An applicant should refer to the siting criteria section of the Solid Waste Management Plan, when constructing a new landfill, Material Recycling Facility or transfer station.

Education

Currently there is a movement to limit the amount of solid waste generated in Genesee County. Limiting the amount of waste will be achieved through various types of recycling programs (i.e., recycling, composting, source reduction, and reuse). The amount of waste going into the landfills, will be achieved through a well thought out education plan. Public awareness of solid waste management practices will be an essential part of this plan. The Genesee County Metropolitan Planning Commission will carry out educational programs throughout Genesee County. The programs will target the school system, homeowners, renters, business owners, and industry on the importance of waste reduction. It must be recognized that the facilitation of these programs must be undertaken by the public or private agencies capable of financing the program. In the public sector, this means that the local municipalities both singularly or in combination must develop and finance these alternative management programs.

The Solid Waste Management Implementation Committee

The Solid Waste Management Implementation Committee was formed in an effort to coordinate the implementation of the Genesee County Solid Waste Management Plan. The Solid Waste Management Planning Committee also functions as the primary committee for discussing and arranging for the implementation of the plan. The committee is to function throughout a five year planning update. The committee represents persons from the private and public sector as well as citizens and environmental interest that reside in Genesee County.

Implementation

Elements of solid waste management and the agency or responsible agency is denoted in the following paragraphs and the ensuing chart the goals and the objectives.

A. Ongoing Planning, Coordination and Implementation

The process of planning, coordination and implementation for Genesee County is an ongoing annual process. The Genesee County Board of Commissioners has designated the staff of the Genesee County Metropolitan Planning Commission the responsibility for the implementation of the plan.

Coordination and cooperation among the thirty one (31) municipalities in Genesee County as well as among the private sector will be an element for implementation of a successful plan.

B. Collection and Transportation of Solid Waste

The implementation for this aspect of solid waste management has changed very little in the past five (5) years. For commercial and industrial operations, waste collection and transportation to disposal sites will continue by private haulers, thus far private haulers are doing an efficient job. The City of Flint will continue to collect and transport their solid waste to the point of disposal. The private haulers currently provide collection and disposal services to municipalities by contracts. The private sector will continue to provide these services economically and efficiently during the five (5) year Plan Update.

C. Construction, Operation & Maintenance of Solid Waste Facilities, Transfer Facilities and Recycling Facilities

Under the direction of Act 451 and the Genesee County Solid Waste Management Plan, Genesee County will continue to operate during the next five (5) years with solid waste disposal at privately operated sanitary landfills. The construction, operation and maintenance of solid waste facilities, including transfer stations and recycling facilities will also rest with the private sector. While composting, reuse, source reduction, recycling efforts and education efforts will rest with the designated planning agency.

D. Financial Capabilities

The municipalities, commercial enterprises and industrial customers have the financial capability to negotiate contracts with private haulers for the collection, transportation and disposal of solid waste. The private sector will continue to provide solid waste services for Genesee County. The private waste industry will provide financial assistance for plan implementation, monitoring, educational programs and recycling programs through user fees.

E. Enforcement

Existing enforcement and licensing of the solid waste facilities including transfer stations and recycling centers will be The Department of Environmental Quality in concurrence with the Genesee County Solid Waste Management Plan. All facilities shall be constructed in compliance with act 451. This procedure should continue through the five-year update. In the event that the Genesee County Metropolitan Planning Commission is notified of an alleged violation of the plan, it shall immediately report the same to the Department of Environmental Quality. The Genesee County Metropolitan Planning Commission and the Genesee County Solid Waste Implementation Committee will ensure that the utilization of the plan is in compliance with act 451.

Educational and Informational Programs

It is often necessary to provide educational and informational programs regarding the various components of a solid waste management system before and during its implementation. These programs are offered to avoid any miscommunication, which may result in improper handling of solid waste and to provide assistance to the various entities, which participate in such programs as waste reduction and waste recovery. Following is a listing of the programs offered or proposed within this County.

<u>Program Topic</u> ¹	<u>Delivery Medium</u> ²	<u>Targeted Audience</u> ³	<u>Program Provider</u> ⁴
<u>1,2,3,4</u>	<u>r,t,n,f</u>	<u>P</u>	<u>EX, DPA</u>
<u>1,2</u>	<u>w</u>	<u>s (k-6)</u>	<u>LS, DPA</u>
<u>4,5</u>	<u>w</u>	<u>b, l, p</u>	<u>DPA</u>
<u>1,2,3,4,5</u>	<u>w</u>	<u>ot – local municipalities</u>	<u>DPA</u>
<u>1,4,5</u>	<u>ot = guide book</u>	<u>b,l,p</u>	<u>EX, DPA</u>
<u>1,2,3,4</u>	<u>e (expo)</u>	<u>p,b,i,s</u>	<u>O-a collaboration of program providers,</u>
<u>1,2,3,4</u>	<u>w</u>	<u>s (6-12)</u>	<u>LS,DPA</u>
<u>1,2,3,4</u>	<u>ot guide book, w, o</u>	<u>Oo</u>	<u>EX, DPA, EG</u>

¹ Identified by 1 = recycling; 2 = composting; 3 = household waste; 4 = resource conservation; 5 = volume reduction; 6 = other which is explained.

² Identified by w = workshop; r = radio; t = television; n = newspaper; o = organizational newsletters; f = flyers; e = exhibits and locations listed; and ot = other which is explained.

³ Identified by p = general public; b = business; l = industry; s = students with grade levels listed. In addition if the program is limited to a geographic area, then that county, city, village, etc. is listed.

⁴ Identified by EX = MSU Extension; EG = Environmental Group (Identify Name); OO = Private Owner/Operator (Identify Name); HD = Health Department (Identify Name); DPA = Designated Planning Agency; Cu = College/ University (identify Name); LS = Local School (identify Name); ISD = Intermediate School District (Identify Name); O = Other which is explained.

Additional efforts and the above information for those efforts are listed in Appendix E.

Siting Criteria for New Solid Waste Disposal Facilities, New Transfer Stations & Material Recycling Facilities

This section will present Genesee County's criteria for determining the adequacy of a proposed solid waste disposal facility. All sites including Type II and Type III landfills, transfer stations, processing plants and waste to energy facilities are to be reviewed. The Solid Waste Management Planning Committee has stated that all sites be reviewed by the Designated County Agency for compliance prior to the issuance of a construction permit. The process for evaluating proposed sites for consistency with the Genesee County Plan is outlined. In developing these criteria, several major factors have been considered:

1. The county prefers that the private sector continue to provide solid waste disposal services to all residents in a manner, which satisfies, adopted regulatory standards. In this regard, the criteria are intended to be used by the private sector as a guide in identifying potentially suitable sites for needed disposal facilities. However, the county does intend to retain the option of developing a landfill should conditions dictate the need for such an action.
2. The criteria are intended to provide a reasonable, objective basis of evaluating potential sites so that needed facilities can be developed in a manner, which will minimize negative environmental impacts and community disruptions.
3. The criteria are intended to avoid arbitrary or discriminatory actions, which would prevent the establishment of needed facilities. Instead, the siting process has been designed to ensure that valid local concerns and special local resources are adequately considered.
4. The criteria do not eliminate the need for site-specific investigations and the preparation of detailed hydrogeological studies and engineering plans, which must be approved by the Michigan Department of Environmental Quality.
5. Contiguous property that is being developed adjacent to an existing licensed facility shall be given priority for potential developments. The development must be submitted for a compliance review.

I. SOLID WASTE DISPOSAL FACILITIES

A. Primary Landfill Siting Criteria

1. Minimum Isolation Distances (required by Act 451)
 - a. The active work area for new sanitary landfills or expansions to existing sanitary landfills shall not be located closer than 100 feet to adjacent property lines, road rights-of-way, or lakes or perennial streams, or closer than 300 feet to domiciles existing at the time of issuance of a construction permit. (Rule 305 (12) (6)).
 - b. A sanitary landfill shall not be constructed within 10,000 feet of a runway of an airport licensed by the Michigan Aeronautics Commission. (Act 451, Sec. 30 (5)).
 - c. The applicant shall indicate all developed properties within 1,000 feet of the boundary of the proposed construction permit application.
2. Floodplains and Wetlands
 - a. Although landfill siting in these areas is not strictly prohibited by Act 451, Genesee County will not allow a landfill to be located in a floodplain or wetland. These areas are obviously subject to severe wetness and flooding. They also serve important functions in terms of groundwater recharge, fish and wildlife habitat, and vegetative cover.
 - b. The plans shall locate the 100-year flood plain limit and the wetland areas. Plans to use this area for placement of solid wastes must be carefully planned with compensating areas defined. All encroachment must be approved by MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY. The developer shall supply sufficient hydrogeological data to determine site feasibility. Contour maps and aerial overviews indicating surface water conditions are necessary. The developer must comply with permit requirements for wetlands. The applicant shall indicate the distance to groundwater, soil type and clay permeability. A minimum of two-soil borings and soil analysis will be required for each proposed landfill site.
3. Site Accessibility

A potential site will ideally have direct access to an all weather road of sufficient capacity and suitable conditions to accommodate heavy truck traffic to be generated with the construction of the facility. The applicant shall supply a map indicating the major access route.
4. Isolation from Residential Development

Potential landfill sites should be in areas, which allow the establishment of substantial buffer zones between the proposed landfill and adjacent properties and residential dwellings. Minimum isolation distances, as specified in Act 451, have been established in the primary siting criteria. The secondary criteria go further in requiring the applicant to indicate all developed properties within 1,000 feet of the boundary of the proposed landfill site.

5. Land Use Patterns
 - a. The development plan shall show existing land usage within one mile of the proposed active fill area.
 - b. Non-agricultural use of lands designated as prime agricultural lands under Act 116 will not be allowed.
6. Environmental, Historic, and Archaeological Areas

The site should not be located in an environmental area, nor in a designated historic or archaeological area.

B. Secondary Siting Criteria

The secondary criteria provided somewhat flexible standards for evaluating potential landfill sites. The secondary criteria are designed to be used as a means of objectively evaluating a proposed site. The secondary siting criteria are described below:

1. Natural Site Characteristics

Act 451 and its rules provide for the construction of sanitary landfills as natural clay sites if the site meets certain requirements regarding soil type, permeability, and isolation from groundwater contamination. It is not always possible to use natural sites and Act 451 permits the construction of landfills using synthetic liners. In the consideration process, sites, which will probably require liners, will be assigned lower consideration than sites with the potential to be developed as natural clay sites.
2. Proposed Landfill Capacity

An ideal site will provide sufficient capacity to meet anticipated volumes for a twenty (20) year time frame. The rate of usage will determine the size of site required. To be an effective site the minimum acreage shall be eighty (80) acres. The total developable acreage for landfilling shall be determined with the application for siting.
3. Description, Owner & Easements

The application shall include the legal description of the property to be considered and the ownership of the site including all holders of interest in the property and any recorded easements. Easements shall be shown as to width and type of utility located with the easement.
4. Adjacent Land Use

It is the intention of the county to have new disposal areas sited in a manner, which will minimize adverse impacts on the surrounding area. Any proposed new site should be as compatible as possible with the land uses of adjacent parcels. The applicant shall show the existing zoning of the proposed site and shall show coordination with the local municipalities' master plan. The local municipality must confirm nonconforming use or requirements of special use permits.
5. Local Ordinances

An applicant for a permit to construct a solid waste facility must comply with all local ordinances and rules, provided they are not in conflict or inconsistent with

Act 451 or the County Solid Waste Management Plan. Where local ordinances or rules are found to be in conflict or inconsistent with Act 451 or this Plan, they shall not be considered enforceable. Therefore, an ideal site would conform to county and/or local zoning ordinances unless they are in conflict with this Plan. An ideal site would be located in a zoning district, which permits sanitary landfills, either as a regularly permitted use or as a special land use. In the absence of specific county or local zoning regulations, which address landfills, a proposed site, should be located in an area, which is zoned for agricultural or industrial uses.

Regulation meeting these qualifications may be adopted and implemented by the appropriate governmental unit without additional authorization from, or formal amendment to, the Solid Waste Management Plan. Allowable areas of local regulation include:

- Certain ancillary construction details, such as landscaping and screening
- Hours of operation
- Noise, litter, odor and dust control
- Facility security

6. Schedule for Development

A proposed plan for development shall be submitted. The plan shall be conscious of volumes to be received for each particular cell of the landfill. The plan shall also include a proposed plan for final use and restoration of the site.

7. Surface Drainage

The plan shall show all existing surface drainage patterns and shall indicate the proposed method to maintain surface drainage. The proposed plan shall indicate the methods to be used to keep the surface drainage out of the proposed landfill site.

8. Enforcing Agent Review

The proposed developer shall obtain a written advisory analysis from the Genesee County Health Department.

9. Additional Data

The developer shall be required to supply all other reasonable data that the review and approval agencies deem necessary to determine the feasibility of locating a solid waste management facility within the County.

C. Negotiations

Although Act 451 does not specifically require negotiations between a disposal facility owner/operator and the community, the act does not prohibit negotiations from taking place. The plan recommends the establishment of discussions between the county and/or host municipality and the owner/operator of a proposed disposal facility. The objective of such discussions will be the development of a mutual agreement with a private owner/operator to address areas of local concern, which are not specifically addressed in Act 451 or local regulations.

As a starting point, the county, the host municipality, and the private owner/operator of a proposed disposal facility should jointly prepare a negotiation plan. The negotiation plan shall serve as an agenda for further discussion, and shall outline the points of negotiation to be considered. Recommended points of negotiation may include, but not be limited to, the following:

- Facility design, including greenbelts, landscaping, screening and fencing
- Hours of operation
- On-site access roads
- Control of noise, litter, dust, odors, and vectors
- Operating records and reports
- Security
- Monitoring of wastes accepted and prohibited, and waste separation/diversion for recycling
- Surcharges or royalties

The owners/operators of solid waste disposal facilities should recognize the importance of negotiating with the county and the municipality to ensure that local concerns are adequately addressed and that reasonable efforts are made to mitigate potential negative impacts.

All points of negotiation will be reviewed by the staff of Genesee County Metropolitan Planning Commission, with final review determined by the Solid Waste Management Planning Committee. The applicant will receive within thirty (30) days of receipt of the application, written determination of consistency findings. The consistency findings will include the reasons and facts, which support that decision.

D. The Site Review Process

This section describes the review process for evaluating proposed disposal facilities, identifies the bodies responsible for conducting the review, and specifies the information, which must be submitted by the applicant.

1. Pre-Application Conference (Optional)

The applicant for a proposed disposal facility may request a pre-application conference with a representative of the designated solid waste planning agency, Genesee County Metropolitan Planning Commission, to informally discuss the County Solid Waste Management Plan, the site review process, and other relevant matters. Such a conference is recommended, but not required.

2. Michigan Department of Environmental Quality (MDEQ) Advisory Analysis
Prior to submitting a proposed site to the county for review, the applicant shall request that an advisory analysis for the site to be prepared by the MDEQ, as specified in Act 451. The district staff of the MDEQ Waste Management Division will specify the format of the request and required information.

3. Submission of Proposed Site for Form Review
The applicant should request an advisory analysis from the MDEQ, if they will not provide one the applicant must submit a letter identifying their request. Following this request, any applicant wishing to proceed with the development of a disposal facility shall submit a written request for the county to conduct a formal review of the site to determine its consistency with the County Solid Waste Management Plan. The request shall be accompanied by an application package containing the following items:

- a. The MDEQ advisory analysis, if available.
- b. The names, addresses, and phone numbers of the applicant and any authorized representative.

A map of the site with the following requirement:

- A scale of not less than one inch equals 100 feet.
 - Date, north point, and scale.
 - The dimensions of all lot and property lines for the subject property and all adjacent parcels.
 - The location of all existing structures on the subject property.
 - The location of all existing access roads
 - The location and right-of-way widths of all abutting roads and all easements crossing the property.
 - Proposed boundaries of solid waste disposal areas.
- d. The location of all residential dwellings within a one (1) mile radius of the site.
 - e. The locations of all public and private water supplies within a 2,000-foot radius of the site.
 - f. The estimated capacity of the site for solid waste disposal.

The designated planning agency shall make the determination whether a proposed project is consistent with the updated plan. Should the applicant wish to contest the opinion of the designated planning agency, the developer shall arrange with the County to have a solid waste management planning committee formed to appeal the request.

4. Responsibilities for Conducting Review
The body responsible for reviewing the proposed disposal site for plan consistency shall be the County designated planning agency. Upon completion of its review, the agency shall submit its report and recommendations to the

developer, the Genesee County Health Department and the local municipality. Upon acceptance of its findings in writing. If the agency finds that a proposed site is not consistent with the Plan, it shall also notify the applicant of the reason(s) for its findings.

5. Schedule

All reviews shall be conducted in a timely fashion. The agency shall notify the developer of any deficiencies in the submission and shall have a thirty (30) day review period after written confirmation to the proposed developer that sufficient data is submitted. Should the review agency not notify the developer to the contrary, the plan will automatically be certified consistent with the county plan thirty (30) days after written confirmation that all required data has been submitted.

II. TRANSFER STATIONS & MATERIAL RECYCLING FACILITIES

This section will present Genesee County's criteria for determining the adequacy of a proposed transfer station. All sites including, material recycling facilities, processing plants and waste to energy facilities are to be reviewed. The Solid Waste Management Planning Committee has stated that all sites be reviewed by the designated County Agency for compliance prior to the issuance of a construction permit. The Process for evaluating proposed sites for consistency with the Genesee County Plan is outlined.

A. Primary Transfer Station Siting Criteria

1. Minimum Isolation Distances (required by Act 451 of 1994)

- a. The active work area for new transfer stations or expansions to existing transfer stations shall not be located closer than 100 feet to adjacent property lines, road rights-of-way, or lakes or perennial streams, or closer than 300 feet to domiciles existing at the time of issuance of a construction permit. (Rule 305 (12) (6)).
- b. A transfer station shall not be constructed within 10,000 feet of a runway of an airport licensed by the Michigan Aeronautics Commission. (Act 451, Sec. 30 (5)).
- c. The applicant shall indicate all developed properties within 1,000 feet of the boundary of the proposed construction permit application.

2. Floodplains and Wetlands

- a. Although a transfer station siting in these areas is not strictly prohibited by Act 451, Genesee County will not allow a transfer station to be located in a floodplain or wetland. These areas are obviously subject to severe wetness and flooding. They also serve important functions in terms of groundwater recharge, fish and wildlife habitat, and vegetative cover.
- b. The plans shall locate the one hundred (100) year flood plain limit and the wetland areas. Plans to use this area for placement of solid wastes must be carefully planned with compensating areas defined. All encroachment must be approved by MDEQ. The developer shall supply sufficient

hydrogeological data to determine site feasibility. Contour maps and aerial overviews indicating surface water conditions are necessary. The applicant shall indicate the distance to groundwater, soil type and clay permeability. A minimum of two (2) soil borings and soil analysis will be required for each proposed transfer station site.

3. Site Accessibility
A potential site will ideally have direct access to an all weather road of sufficient capacity and suitable conditions to accommodate heavy truck traffic to be generated with the construction of the facility. The applicant shall supply a map indicating major access route.
4. Isolation from Residential Development
Potential sites should be in areas that allow the establishment of substantial buffer zones between the proposed use and adjacent properties and residential dwellings. Minimum isolation distances, as specified in Act 451, have been established in the primary siting criteria. The secondary criteria go further in requiring the applicant to indicate all developed properties within 1,000 feet of the boundary of the proposed landfill site.
5. Land Use Patterns
 - a. The development plan shall show existing land usage within one mile of the proposed active fill area.
 - b. Non-agricultural use of lands designated as prime agricultural lands under Act 116 will not be allowed.
6. Sensitive Environmental, Historic, and Archaeological Areas
The site should not be located in a sensitive environmental area, nor in a designated historic or archaeological area.

B. Secondary Siting Criteria

The secondary criteria provided somewhat flexible standards for evaluating potential transfer station site. The secondary criteria are designed to be used as a means of objectively evaluating a proposed site. The secondary siting criteria are described below:

1. Proposed Transfer Station Capacity
An ideal transfer station will provide sufficient capacity to meet anticipated daily volumes. The rate of usage will determine the size of the transfer station. The size of the transfer station shall be determined with the application for siting.
2. Description, Owner & Easements
The application shall include the legal description of the property to be considered the ownership of the site including all holders of interest in the property and any recorded easements. Easements shall be shown as to width and type of utility located with the easement.

3. Adjacent Land Use

It is the intention of the county to have new transfer stations sited in a manner that will minimize adverse impacts on the surrounding area. Any proposed new site should be as compatible as possible with the land uses of adjacent parcels. The applicant shall show the existing zoning of the proposed site and shall show coordination with the local municipalities' master plan. The local municipality must confirm Non conforming use or special use permit requirements.

4. Local Ordinances

An applicant for a permit to construct a solid waste facility must comply with all local ordinances and rules, provided they are not in conflict or inconsistent with Act 451 or the County Solid Waste Management Plan. Where local ordinances or rules are found to be in conflict or inconsistent with Act 451 or this Plan, they shall not be considered enforceable. Therefore, an ideal site would conform to county and/or local zoning ordinances unless they are in conflict with this Plan. An ideal site would be located in a zoning district, which permits transfer stations, either as a regularly permitted use or as a special land use. In the absence of specific county or local zoning regulations, which address transfer stations, a proposed site should be located in an area, which is zoned for agricultural or industrial uses.

Regulation meeting these qualifications may be adopted and implemented by the appropriate governmental unit without additional authorization from, or formal amendment to, the Solid Waste Management Plan. Allowable areas of local regulation include:

- a. Certain ancillary construction details, such as landscaping and screening
- b. Hours of operation
- c. Noise, litter, odor and dust control
- d. Facility security

5. Schedule for Development

A proposed plan for development shall be submitted. The plan shall be conscious of volumes to be received to the transfer station.

6. Surface Drainage

The plan shall show all existing surface drainage patterns and shall indicate the proposed method to maintain surface drainage. The proposed plan shall indicate the methods to be used to keep the surface drainage out of the proposed transfer station.

7. Enforcing Agent Review

The proposed developer shall obtain a written advisory analysis from the Genesee County Health Department.

8. Additional Data

The developer shall be required to supply all other reasonable data that the review and approval agencies deem necessary to determine the feasibility of locating a solid waste management facility within the County.

C. Negotiations

Although Act 451 does not specifically require negotiations between a transfer station owner/operator and the community, the act does not prohibit negotiations from taking place. The plan recommends the establishment of discussions between the county, host municipality and the owner/operator of a proposed transfer station. The objective of such discussions will be the development of a mutual agreement with a private owner/operator to address areas of local concern, which are not specifically addressed in Act 451 or local regulations.

As a starting point, the county, the host municipality, and the private owner/operator of a proposed disposal facility should jointly prepare a negotiation plan. The negotiation plan shall serve as an agenda for further discussion, and shall outline the points of negotiation to be considered. Recommended points of negotiation may include, but not be limited to, the following:

1. Facility design, including greenbelts, landscaping, screening, and fencing
2. Hours of operation
3. On-site access roads
4. Control of noise, litter, dust, odors, and vectors
5. Operating records and reports
6. Security
7. Monitoring of wastes accepted and prohibited
8. Surcharges or royalties

The owners/operators of transfer stations should recognize the importance of negotiating with the county and the municipality to ensure that local concerns are adequately addressed and that reasonable efforts are made to mitigate potential negative impacts.

All points of negotiation will be reviewed by the Genesee County Metropolitan Planning Commission, with final review determined by the Genesee County Metropolitan Planning Committee. The applicant will receive within 30 days of receipt of the application, written determination of consistency findings. The consistency findings will include the reasons and facts, which support that decision.

D. The Site Review Process

This section describes the review process for evaluating proposed transfer stations identifies the bodies responsible for conducting the review, and specifies the information which must be submitted by the applicant.

1. Pre-Application Conference (Optional)
The applicant for a proposed transfer station may request a pre-application conference with a representative of the designated solid waste planning agency, Genesee Metropolitan Planning Commission, to informally discuss the County Solid Waste Management Plan, the site review process, and other relevant matters. Such a conference is recommended, but not required.

2. MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY (MDEQ) Advisory Analysis

Prior to submitting a proposed site to the county for review, the applicant shall request that an advisory analysis for the site to be prepared by the MDEQ, as specified in Act 451. The district staff of the MDEQ Waste Management Division will specify the format of the request and required information.

3. Submission of Proposed Site for Form Review

The applicant should request an advisory analysis from the MDEQ, if they will not provide one the applicant must submit a letter identifying their request. Following this request, any applicant wishing to proceed with the development of a transfer station shall submit a written request for the county to conduct a formal review of the site to determine its consistency with the County Solid Waste Management Plan. The request shall be accompanied by an application package containing the following items:

- a. The MDEQ advisory analysis
- b. The names, addresses, and phone numbers of the applicant and any authorized representative.
- c. A map of the site with the following requirement:
 - A scale of not less than one inch equals 100 feet.
 - Date, north point, and scale.
 - The dimensions of all lot and property lines for the subject property and all adjacent parcels.
 - The location of all existing structures on the subject property.
 - The location of all existing access roads
 - The location and right-of-way widths of all abutting roads.
 - Proposed boundaries of the site.
- d. The location of all residential dwellings within a one-mile radius of the site.
- e. The locations of all public and private water supplies within a 2,000-foot radius of the site.
- f. The estimated capacity of the transfer station at one given point.
- g. The ultimate destination of the waste.

The designated planning agency shall make the determination a proposed project is consistent with the updated plan. Should the applicant wish to contest the opinion of the designated planning agency, the developer shall arrange to have a solid waste management planning committee formed by the County.

4. Responsibilities for Conducting Review

The body responsible for reviewing the transfer station site for plan consistency shall be the Genesee County Metropolitan Planning Commission. Upon

completion of its review, the agency shall submit its report and recommendations to the developer, the Genesee County Health Department and the local municipality. If the agency finds that a proposed site is consistent or not consistent with the Plan, it shall also notify the applicant of the reason(s) for its findings.

5. Schedule

All reviews shall be conducted in a timely fashion. The agency shall notify the developer of any deficiencies in the submission and shall have a thirty (30) day review period after written confirmation to the proposed developer that sufficient data is submitted. Should the review agency not notify the developer to the contrary, the plan will automatically be certified as consistent with the county plan thirty (30) days after written confirmation that all required data has been submitted.

CAPACITY CERTIFICATIONS

Every County with less than ten years capacity identified in their Plan is required to annually prepare and submit to the DEQ an analysis and certification of solid waste disposal capacity validly available to the County. This certification is required to be prepared and approved by the County Board of Commissioners.

- This County has more than ten years capacity identified in this Plan and an annual certification process is not included in this Plan.
- Ten years of disposal capacity has not been identified in this Plan. The County will annually submit capacity certifications to the DEQ by June 30 of each year on the form provided by DEQ. The County's process for determination of annual capacity and submission of the County's capacity certification is as follows

APPENDIX
ADDITIONAL INFORMATION
REGARDING THE
SELECTED
SYSTEM

APPENDIX

A

EVALUATION OF RECYCLING

The following provides additional information regarding implementation and evaluations of various components of the Selected System.

There is no additional information regarding implementation and evaluations of various components of the selected system.

A complete evaluation of the selected system is expressed in the Overview of Resource Recovery Programs section of the plan.

DETAILED FEATURES OF RECYCLING AND COMPOSTING PROGRAMS

List below the types and volumes of material available for recycling or composting.

<u>Materials</u>	<u>Volume Being Recycled</u>	<u>Volume Available</u>
Newsprint	Unknown	Unknown
Corrugated	Unknown	Unknown
Office Paper	Unknown	Unknown
Yard Waste	Unknown	Unknown
Glass	Unknown	Unknown
Plastics	Unknown	Unknown

Presently, Genesee County is unaware of the availability and amount of materials being recycled and composted throughout the County. However, during this plan update the County plans to implement a record keeping system for the amount and availability of materials being recycled and composted through out the County.

The following briefly describe the processes used or to be used to select the equipment and locations of the recycling and composting programs included in the Selected System. Difficulties encountered during past selection processes are also summarized along with how those problems were addressed:

Equipment Selection

Existing Programs:

The local municipalities in Genesee County use private waste haulers (with the exception of the City of Flint) to provide recycling services to its residents. The private waste haulers have their own recycling facility or they take recyclables to another privately owned recycling facility.

Proposed Programs:

There are no proposed programs for equipment selection. Equipment use will remain the choice of the operators of the private facilities.

Site Availability & Selection

Existing Programs:

Recycling Facilities do not need to be licensed by the DEQ, however, they must meet local zoning and or building regulations and are subject to local government approval.

Composting Operating Parameters:

The following identifies some of the operating parameters which are to be used or are planned to be used to monitor the composting programs.

The County will leave the choice of choosing operating parameters with the private sector.

Existing Programs:

<u>Program Name:</u>	<u>pH Range</u>	<u>Heat Range</u>	<u>Other Parameter</u>	<u>Measurement Unit</u>

Proposed Programs:

<u>Program Name:</u>	<u>pH Range</u>	<u>Heat Range</u>	<u>Other Parameter</u>	<u>Measurement Unit</u>

COORDINATION EFFORTS

Solid Waste Management Plans need to be developed and implemented with due regard for both local conditions and the state and federal regulatory framework for protecting public health and the quality of the air, water, and land. The following state the ways in which coordination with be achieved to minimize potential conflicts with other programs and, if possible, to enhance those programs.

It may be necessary to enter into various types of agreements between public and private sectors to be able to implement the various components of this solid waste management system. The known existing arrangements are described below which are considered necessary to successfully implement this system within the County. In addition, proposed arrangements are recommended which address any discrepancies that the existing arrangements may have created or overlooked. Since arrangements may exist between two or more private parties that are not public knowledge, this section may not be comprehensive of all the arrangements within the County. Additionally, it may be necessary to cancel or enter into new or revised arrangements as conditions change during the planning period. The entities responsible for developing, approving, and enforcing these arrangements are also noted.

Ultimate responsibility for implementing the County's solid waste plan, rest with the Genesee County Board of Commissioners. The Board of Commissioners has designated the County Planning Commission with monitoring the plan and ensuring that the intent of the plan is followed.

COST & FUNDING

The following estimates the necessary management, capital, and operational and maintenance requirements for each applicable component of the solid waste management system. In addition, potential funding sources have been identified to support those components.

<u>System Component¹</u>	<u>Estimated Costs</u>	<u>Potential Funding Sources</u>
Resource Conservation Efforts	Unknown	Private/DPA
Resource Recovery Programs	Unknown	Private/DPA
Volume Reduction Techniques	Unknown	Private/DPA
Collection Processes	Unknown	Private
Transportation	Unknown	Private
Disposal Areas	Unknown	Private
Future Disposal Area Uses	Unknown	Private
Management Arrangements	Unknown	Private/Designated Planning Committee
Educational & Informational Programs	Unknown	Designated Agency Planning

¹ These components and their subcomponents may vary with each system.

EVALUATION SUMMARY OF THE SELECTED SYSTEM

The solid waste management system has been evaluated for anticipated positive and negative impacts on the public health, economics, environmental conditions, siting considerations, existing disposal areas, and energy consumption and production which would occur as a result of implementing this Selected System. In addition, the Selected System was evaluated to determine if it would be technically and economically feasible, whether the public would accept this Selected System, and the effectiveness of the educational and informational programs. Impacts to the resource recovery programs created by the solid waste collection system, local support groups, institutional arrangements, and the population in the County in addition to market availability for the collected materials and the transportation network were also considered. Impediments to implementing the solid waste management system are identified and proposed activities which will help overcome those problems are also addressed to assure successful programs. The Selected System was also evaluated as to how it relates to the Michigan Solid Waste Policy's goals. The following summarizes the findings of this evaluation and the basis for selecting the system:

The positive and negative effects of the selected system are evaluated as follows:

Public Health

- Positive: Recycling and composting facilities reduce public health risks by taking materials out of the waste stream that would normally go to a landfill. Reducing the volume of material entering the landfill daily reduces the need for additional landfill space.
- Negative: The negative effects on public health is kept at a minimum, if the landfill and processing facility is properly sited. Properly sited, leachate leakage into groundwater, odor, debris and blowing papers would be minimized.

Economics

- Positive: Currently the most cost effective way to dispose of waste is by the means of landfilling.
- Negative: Recycling is not as cost effective as landfilling. The recycling market tends to fluctuate up and down, causing recycling to be costly. However, for the general welfare of the environment the benefits out weigh the cost.

Siting considerations for new and proposed disposal areas:

The County will review all applications carefully and cautiously to ensure that landfill operators will follow the intent of the plan as well as not exceed their capacity, stated in their facility descriptions.

Advantages And Disadvantages of the Selected System

Each solid waste management system has pros and cons relating to its implementation within a County. Following is an outline of the major advantages and disadvantages for this Selected System.

Advantages

1. The selected system will enhance the residents of Genesee County knowledge about the importance of recycling and composting.
2. The selected system will enhance collaboration among the public and private sector on solid waste issues.
3. An efficient record keeping system of the volume of materials being collected and recycled in the county.
4. The existing technology is capable of handling the waste stream.
5. Commercial and industrial businesses will be participating in recycling programs to a greater degree, along with residents to preserve landfill space.
6. The selected system is economically feasible.
7. It will reduce household hazardous waste generation by teaching residents to use non-toxic alternatives.

Disadvantages

1. Household hazardous waste collections are very expensive to run.
2. The selected system uses the landfills as its primary means of disposal.
3. Recycling markets are very unstable.
4. Keeping track of the amount of material being recycled in the County may be difficult.
5. Record keeping of waste generation in the County is difficult.

APPENDIX

B

NON-SELECTED SYSTEMS

Before selecting the solid waste management system contained within this Plan update, the County developed and considered other alternative systems. The details of the non-selected systems are available for review in the County's repository. The following section provides a brief description of these non-selected systems and an explanation why they were not selected. Complete one evaluation summary for each non-selected alternative system.

Due to the fact the selected system has worked well for the County for the past two (2) decades, no alternative system was evaluated.

System Components

The following briefly describes the various components of the non-selected system.

Resource Conservation Efforts

Volume Reduction Techniques

Resource Recovery Programs

Collection Processes

Transportation

Disposal Areas

Institutional Arrangements

Educational And Informational Programs

Capital, Operational, And Maintenance Costs

Evaluation Summary of Non-Selected System

The non-selected system was evaluated to determine its potential of impacting human health, economics, environmental, transportation, siting and energy resources of the County. In addition, it was reviewed for technical feasibility, and whether it would have public support. Following is a brief summary of that evaluation along with an explanation why this system was not chosen to be implemented.

Advantages and Disadvantages of the Non-Select System

Each solid waste management system has pros and cons relating to its implementation within the County. Following is a summary of the major advantages and disadvantages for this non-selected system.

Advantages

- 1.
- 2.
- 3.
- 4.
- 5.

Disadvantages

- 1.
- 2.
- 3.
- 4.
- 5.

APPENDIX

C

PUBLIC PARTICIPATION AND APPROVAL

The following summarizes the processes which were used in the development and local approval of the Plan including a summary of public participation in those processes, documentation of each of the require approval steps, and a description of the appointment of the solid waste management planning committee along with the members of that committee.

Public Involvement Process

A description of the process used, including dates of public meetings, copies of public notices, documentation of approval from solid waste planning committee, County board of commissioners, and municipalities.

On December 5, 2000, at the Genesee County Metropolitan Planning Commission meeting, Elizabeth Taylor requested that staff acquire the air pollution information, collected by the University of Michigan, for the Genesee Township Power Plant, for the plan.

**GENESEE COUNTY
SOLID WASTE MANAGEMENT COMMITTEE
MEETING MINUTES
August 20, 1998**

MEMBERS PRESENT:

Kevin Hammer, Davison Twp.
Sharon Johnson, Genesee Audubon
Hal Keim, G.C. Area Recycling Coalition
Hans Kuhlmann, City of Flint
Gregory A. Reed, Citizen Representative
Mark Stephens, Citizen Representative
Robert Thornton, Citizens Disposal
Steve Thurman, General Motors Corp.

OTHERS PRESENT:

Chapin W. Cook, GCMPC
Tom Goergen, GCMPC
Claude Miller, GCMPC
Lynn Randall, GCMPC
Sue English, Mundy Township
John Petit, Health Department

MEMBERS ABSENT:

Floyd Clack, County Commissioner
Terry Cooney, City Environmental Services
Robert DeOrsey, BFI
Eldon Dunklee, City of Montrose
Brian Rosa, Citizen Representative

CALL TO ORDER

Mr. Cook called the meeting to order at approximately 1:30 p.m.

INTRODUCTIONS AND WELCOME

Mr. Cook asked those present to introduce themselves.

OPPORTUNITY FOR INDIVIDUALS TO ADDRESS THE COMMITTEE

There were none present.

HISTORY OF SOLID WASTE PLANNING IN GENESEE COUNTY

Mr. Goergen stated that in February of this year the Genesee County Board of Commissioners had designated the County Planning Commission as the agency that would oversee the update to the County's Solid Waste Plan. Prior to this action, the Genesee County Drain Commissioner had the responsibility for Solid Waste Planning in the County.

Mr. Goergen also indicated that the County was currently operating under a Solid Waste Plan that was last updated in 1990. Due to new legislation passed in 1994, the Department of Environmental Quality (DEQ) revised regulations to meet the requirements of the legislation. The need for the plan to be updated every five years still remains.

Mr. Goergen stated that in 1978 the legislature adopted a new act, which required a mandatory countywide solid waste plan. Genesee County complied with these requirements in 1979 with the adoption of the county's "641 Solid Waste Plan." The plan was updated in 1984 and 1990. It was amended in both 1992 and 1994.

As a result of the new legislation, the Department of Environmental Quality (DEQ) made two significant changes. They require a 10-year horizon and standardization of the format across all the counties in the state. This plan must now be updated every 5 years.

The Genesee County Board of Commissioners appointed a 14-member solid waste planning committee to help design a plan specifically for Genesee County. Although this process is required by state law, no funding is received from the state.

Once the plan is finished, the committee will recommend approval of this plan to the Genesee County Board of Commissioners, the local units of government and the DEQ.

ESTABLISHING AN ELECTION SUBCOMMITTEE

Mr. Cook stated that the committee needs to establish an election subcommittee. He asked for volunteers for the election subcommittee. There were no volunteers. Mr. Cook informed the members that Planning Commission staff are not members of this committee.

Mr. Cook asked if there was anyone that would be willing to be the chairperson. No one volunteered. Ms. Sharon Johnson volunteered to be the Vice Chairperson.

MEETING SCHEDULE

Mr. Goergen distributed and reviewed the timeline for the Solid Waste Management committee meetings. He further stated that the Solid Waste Management meetings would be held on the third Thursday of the month at 1:30 p.m. Meeting dates are as follows:

October 15, 1998
November 19, 1998
January 21, 1999
April 15, 1999
July 15, 1999

The following dates will be used if they are needed:

February 18, 1999
March 18, 1999

Mr. Goergen stated that at the next meeting, goals and objectives would be discussed. He asked that the members review the by-laws for approval at the next meeting.

ADJOURNMENT

There being no other business to come before the group, Mr. Cook adjourned the meeting at approximately 2:45 p.m.

Submitted by,

Lynn Randall
Secretary

k:\wastemgt\minutes

**GENESEE COUNTY
SOLID WASTE MANAGEMENT COMMITTEE
MEETING MINUTES
November 19, 1998**

MEMBERS PRESENT:

Hans Kuhlmann, City of Flint, Chairperson
Sharon Johnson, Genesee Audubon, Vice Chairperson
Terry Cooney, City Environmental Services
Eldon Dunklee, City of Montrose
Kevin Hammer, Davison Twp.
Hal Keim, G.C. Area Recycling Coalition
Jerry Ragsdale, GLS Region V
Brian Rosa, Citizen Representative
Robert Thornton, Citizens Disposal
Steve Thurman, General Motors Corp.

OTHERS PRESENT:

Chapin W. Cook, GCMPC
Tom Goergen, GCMPC
Lynn Randall, GCMPC
Sue English, Mundy Township

MEMBERS ABSENT:

Floyd Clack, County Commissioner
Robert DeOrsey, BFI
Gregory A. Reed, Citizen Representative
Mark Stephens, Citizen Representative

CALL TO ORDER

Mr. Cook called the meeting to order at approximately 1:30 p.m.

MINUTES - August 20, 1998

The minutes of the August 20, 1998, meeting were presented for review. Mr. Cook asked for corrections and/or additions to the minutes.

Action Taken -- Motion by Ms. Johnson, supported by Mr. Kuhlmann, to approve the minutes of August 20, 1998.

MOTION CARRIED UNANIMOUSLY

OPPORTUNITY FOR INDIVIDUALS TO ADDRESS THE COMMITTEE

There were none present.

ADOPTION OF BY-LAWS

Mr. Goergen presented the Solid Waste Management Committee By-Laws for approval.

Action Taken -- Motion by Mr. Ragsdale, supported by Mr. Kuhlmann, to approve and adopt the Solid Waste Management Committee By-Laws as presented.

MOTION CARRIED UNANIMOUSLY

ELECTION OF OFFICERS

Mr. Cook asked for nominations for both Chairperson and Vice Chairperson. Mr. Hammer and Mr. Kuhlmann both volunteered to be chairperson, and Ms. Johnson volunteered to be Vice Chairperson. By secret ballot, Mr. Kuhlmann was elected to position of Chairperson, and Ms. Johnson was elected to the position of Vice Chairperson.

Action Taken -- Motion by Mr. Ragsdale, supported by Mr. Dunklee, to approve Mr. Kuhlmann for the position of Chairperson and Ms. Johnson for the position of Vice Chairperson by acclamation.

MOTION CARRIED UNANIMOUSLY

REVIEW OF GOALS AND OBJECTIVES

Mr. Goergen distributed the Draft Goals and Objectives, stating that the overall goal of the plan is to maximize recycling and resource recovery. He stated that items 1-5 were out of the existing Genesee County Solid Waste Management Plan, while Item 6 dealt with the new regulations issued by the State of Michigan. He further stated that the percentage of waste-to-energy (Item 6a) may need to be adjusted to be attainable by the year 2005.

REVIEW OF EXISTING WASTE GENERATION AND DISPOSAL

Mr. Goergen provided copies of the survey results to those present. He stated that surveys had been mailed to industrial waste generators, transporters, recyclers and facilities. He further stated that the survey results were in draft form and would be updated as new information is provided. It was suggested that on the Recycler Survey, the word "recycled" be changed to "unusable."

ADJOURNMENT

Mr. Cook reminded those present that the next Solid Waste Committee meeting would be held on January 21, 1999, at 1:30 p.m.

Action Taken -- Motion by Mr. Rosa, supported by Mr. Cooney, to adjourn the meeting of the Solid Waste Planning Committee.

= MOTION CARRIED UNANIMOUSLY

The meeting was adjourned at 3:00 p.m.

Submitted by,

Lynn Randall
Secretary

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**GENESEE COUNTY
SOLID WASTE MANAGEMENT COMMITTEE
MEETING MINUTES
January 21, 1999**

MEMBERS PRESENT:

Hans Kuhlmann, City of Flint, Chairperson
Sharon Johnson, Genesee Audubon, Vice Chairperson
Floyd Clack, County Commissioner
Eldon Dunklee, City of Montrose
Hal Keim, G.C. Area Recycling Coalition
Ed King, BFI
Brian Rosa, Citizen Representative
Mark Stephens, Citizen Representative
Robert Thornton, Citizens Disposal
Steve Thurman, General Motors Corp.

OTHERS PRESENT:

Comeakco Copeland, GCMPC
Tom Goergen, GCMPC
Dave Herberholz, Waste Management
Bryce Lane, Montrose Township
John Pettit, Genesee County Health Dept.
Lynn Randall, GCMPC
Donald Sullivan, Montrose Township
Ryan Tefertiller, Mich. Groundwater Stewardship Program

MEMBERS ABSENT:

Terry Cooney, City Environmental Services
Kevin Hammer, Davison Twp.
Jerry Ragsdale, GLS Region V
Gregory A. Reed, Citizen Representative

CALL TO ORDER

Mr. Kuhlmann called the meeting to order at approximately 1:30 p.m.

MINUTES - November 19, 1998

The minutes of the November 19, 1998, meeting were presented for review. Mr. Kuhlmann asked for corrections and/or additions to the minutes.

Action Taken -- Motion by Mr. Thornton, supported by Ms. Johnson, to approve the minutes of November 19, 1998.

MOTION CARRIED UNANIMOUSLY

OPPORTUNITY FOR INDIVIDUALS TO ADDRESS THE COMMITTEE

Mr. Kuhlmann stated that he had a video from BFI that could be loaned to anyone who is interested.

Mr. Goergen introduced Mr. King, stating that he had been appointed by the Board of Commissioners to fill the vacancy created when Mr. DeOrsey was transferred. He also introduced Ms. Comeakco Copeland as the staff person assigned to the Solid Waste Committee. Mr. Herberholz and Mr. Tefertiller introduced themselves, stating that they represented Waste Management and the Michigan Groundwater Stewardship Program, respectively.

REVIEW OF GOALS AND OBJECTIVES

Mr. Goergen stated that per the committee's recommendation, the percentage of waste to energy was removed from Item 6a. He stated that the goals and objectives are only guidelines for the development of the remainder of the plan and can be modified later.

Action Taken -- Motion by Ms. Johnson, supported by Mr. Clack, to approve the Goals and Objectives as presented.

MOTION CARRIED UNANIMOUSLY

REVIEW OF EXISTING WASTE GENERATION AND DISPOSAL

Mr. Goergen provided updated copies of the survey results to those present. He stated that the quantities reflected in the report had all been converted to tons for uniformity. He further stated that the survey results would be updated as new information was provided.

REVIEW OF POPULATION AND HOUSING ESTIMATES

Mr. Goergen stated that the population estimates were adopted by the Genesee County Metropolitan Planning Commission as the official population for the County in 1997. Mr. Goergen suggested that these estimates be used rather than recreating new totals. The committee concurred.

ADJOURNMENT

Mr. Kuhlmann entertained a motion for adjournment.

Action Taken -- Motion by Mr. Thornton, supported by Mr. Dunklee, to adjourn the Solid Waste Management Planning Committee meeting.

MOTION CARRIED UNANIMOUSLY

The meeting was adjourned at 2:45 p.m.

Submitted by,

Lynn Randall
Secretary

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**GENESEE COUNTY
SOLID WASTE MANAGEMENT COMMITTEE
MEETING MINUTES
April 15, 1999**

MEMBERS PRESENT:

Hans Kuhlmann, City of Flint, Chairperson
Sharon Johnson, Genesee Audubon, Vice Chairperson
Terry Cooney, City Environmental Services
Kevin Hammer, Davison Twp.
Dan Harrett, General Motors Corp.
Hal Keim, G.C. Area Recycling Coalition
Brian Rosa, Citizen Representative
Mark Stephens, Citizen Representative
Robert Thornton, Citizens Disposal

OTHERS PRESENT:

Comeakco Copeland, GCMPC
Chapin W. Cook, GCMPC
Tom Goergen, GCMPC
John Pettit, Genesee County Health Dept.
Jeff Tucker, Brent Run Landfill

MEMBERS ABSENT:

Floyd Clack, County Commissioner
Eldon Dunklee, City of Montrose
Ed King, BFI
Jerry Ragsdale, GLS Region V

CALL TO ORDER

Ms. Johnson called the meeting to order at approximately 1:30 p.m.

MINUTES - March 25, 1999

The minutes of the March 25, 1999, meeting were presented for review. Ms. Johnson asked for corrections and/or additions to the minutes.

Action Taken -- Motion by Mr. Keim, supported by Mr. Cooney, to approve the minutes of March 25, 1999.

MOTION CARRIED UNANIMOUSLY

OPPORTUNITY FOR INDIVIDUALS TO ADDRESS COMMITTEE

None.

CRITERIA FOR COUNTIES REQUESTING INCLUSION INTO GENESEE COUNTY'S SOLID WASTE PLAN

Mr. Goergen stated that staff was looking for endorsement of the criteria for including other counties into Genesee County's Solid Waste Plan. Those being:

1. Genesee County must have ample space to accommodate solid waste imported from other counties.
2. The exporter's/importer's Goals must be similar to Genesee County's Solid Waste Management goals.
3. There must be no restrictions on the amount of waste received by or exported to another county.
4. Genesee County must be named in the importer's/exporter's respective solid waste management plans; and since Genesee County must be in the individual solid waste management plans, we will not sign a reciprocal agreement with any county..

Action Taken -- Motion by Ms. Johnson, supported by Mr. Hammer, to approve the criteria listed above when evaluating other counties for inclusion into the Genesee County Solid Waste Management Plan.

MOTION CARRIED UNANIMOUSLY

DISCUSSION OF SECTION 3 - ALTERNATIVE WASTE MANAGEMENT SYSTEMS

Mr. Goergen stated that the goal of the solid waste plan is to increase recycling. This can be accomplished by educating the public on what can be recycled and encouraging the buying of recycled goods, both in private and government sectors. The committee discussed other ways to reduce solid waste including: using garbage cans instead of plastic bags, limiting the number of plastic bags used per household, using surcharges and host agreements, encouraging backyard composting, as well as using drop off centers in the rural areas and curbside recycling in the cities.

Mr. Goergen also stated that the County cannot mandate participation by local municipalities, but can only recommend. The County Board of Commissioners has requested that the committee investigate alternative methods of funding solid waste management programs. At this time, Corporation Counsel is reviewing ordinances and agreements. There was a question as to whether surcharges or host agreements were legal.

DISCUSSION OF SECTION 2 - WASTE GENERATION AND INVENTORY OF FACILITIES

Mr. Goergen stated that in the last plan, waste generation averaged 2.1 lbs. per capita, current waste generated is now 5.5 lbs. per capita, while the national average is 4.5 lbs. per day.

Mr. Goergen asked those present to review Section 2 and note any corrections or comments for discussion at the May meeting.

SCHEDULING OF AREA LANDFILL TOUR

The tour of Citizens Landfill in Grand Blanc was scheduled for June 17, 1999 at 11:00 a.m. The tour will take approximately one hour and lunch is provided at the landfill. The Solid Waste meeting scheduled for that day will be held as at 1:30 at the Genesee County Metropolitan Planning Commission's office as usual.

OTHER

Due to a conflict with the Michigan Coalition's Annual Conference, the May 20 Solid Waste Planning meeting was rescheduled for May 27 at 1:30 p.m.

ADJOURNMENT

Mr. Kuhlmann adjourned the meeting at 3:30 p.m.

Submitted by,

Lynn Randall
Secretary

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**GENESEE COUNTY
SOLID WASTE MANAGEMENT COMMITTEE
MEETING MINUTES
May 27, 1999**

MEMBERS PRESENT:

Floyd Clack, County Commissioner
Terry Cooney, City Environmental Services
Kevin Hammer, Davison Twp.
Dan Harrett, General Motors Corp.
Hal Keim, G.C. Area Recycling Coalition
Jerry Ragsdale, GLS Region V
Brian Rosa, Citizen Representative
Robert Thornton, Citizens Disposal

OTHERS PRESENT:

Darren Bagley, MSU Coop Extension
Chapin W. Cook, GCMPC
Sue English, Mundy Township
Tom Goergen, GCMPC
John Pettit, Genesee County Health Dept.
Lynn Randall, GCMPC

MEMBERS ABSENT:

Hans Kuhmann, City of Flint, Chairperson
Sharon Johnson, Genesee Audubon, Vice Chairperson
Eldon Dunklee, City of Montrose
Ed King, BFI

CALL TO ORDER

In the absence of both the Chairperson and Vice-Chairperson, the committee elected Kevin Hammer to chair the meeting. Mr. Hammer called the meeting to order at approximately 1:40 p.m.

MINUTES - April 15, 1999

The minutes of the April 15, 1999, meeting were presented for review. Mr. Hammer asked for corrections and/or additions to the minutes.

Action Taken -- Motion by Mr. Rosa, supported by Mr. Cooney, to approve the minutes of April 15, 1999 as presented.

MOTION CARRIED UNANIMOUSLY

OPPORTUNITY FOR INDIVIDUALS TO ADDRESS COMMITTEE

Mr. Bagley questioned whether other counties knew the amount of space that Genesee County had available. Mr. Goergen replied that a letter was sent out to all counties in the State of Michigan explaining that Genesee County has available space.

Ms. English inquired as to whether there was an itemized list of unacceptable materials. Mr. Goergen replied that the waste stream fell under the control of the DEQ, not the county. He further stated that staff sent a letter to each county stating that their goals needed to be similar to ours. They must have a recycling program, but we cannot specify what type of recycling program they have to have.

DISCUSSION OF SECTION 3 - ALTERNATIVE SOLID WASTE MANAGEMENT SYSTEMS

This item was tabled until the June meeting.

DISCUSSION OF SECTION 2 - WASTE GENERATION AND INVENTORY OF FACILITIES

No information has been received regarding the status of the Richfield Landfill. It is still currently in litigation at the Appellate Court level. Richfield Landfill will be included in the plan contingent upon them being issued an operating permit.

SITING CRITERIA FOR NEW FACILITIES

Mr. Goergen stated that the attached Siting Criteria (Section 4) was copied from the existing plan. He further stated that if there was enough landfill space for 5-10 years, siting criteria did not need to be included.

It was suggested that the siting criteria be updated and made consistent with both state and federal regulations. Composting facilities outside of a landfill could be kept separate. Landfills and transfer stations would be two separate portions.

COUNTIES REQUESTING IMPORT/EXPORT INCLUSION IN THE PLAN

Mr. Goergen stated that staff received a few responses to letters that were sent out to each county in the State of Michigan asking for information on their solid

waste management plans, as well as the requirements for being included in their solid waste plans either as an importer or exporter.

Some of the counties sent criteria that does not match Genesee County's goals. Mr. Hammer asked that a second letter be mailed to the other counties in the State addressing the recycling issue.

REMINDER OF SCHEDULED LANDFILL TOUR

Mr. Goergen reminded everyone that at 11:00 a.m. on June 17, the committee would be touring Citizens Landfill in Grand Blanc. The tour takes approximately one hour and lunch would be provided at the landfill. The Solid Waste meeting scheduled for that day would be held at 1:30 at the Genesee County Metropolitan Planning Commission's office as usual.

Mr. Thornton stated that an open house was also scheduled for June 11 from 12:00 to 4:30 p.m. for the general public to tour the landfill.

REPORT ON THE MICHIGAN RECYCLING COALITION CONFERENCE

Mr. Goergen stated that on May 20 he had attended the Michigan Coalition's Annual Conference. He stated that recycling saves resources, but not always money. It reduces waste streams only slightly. Industry is the true leader of recycling in that most of what is recycled comes from industry.

ADJOURNMENT

Mr. Hammer entertained a motion for adjournment.

Action Taken -- Motion by Mr. Thornton, supported by Mr. Harrett, to adjourn the Solid Waste Management Committee Meeting.

MOTION CARRIED UNANIMOUSLY

The meeting was adjourned at 2:30 p.m.

Submitted by,

Lynn Randall
Secretary

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**GENESEE COUNTY
SOLID WASTE MANAGEMENT COMMITTEE
MEETING MINUTES
June 17, 1999**

MEMBERS PRESENT:

Terry Cooney, Waste Management
Kevin Hammer, Davison Twp.
Dan Harrett, General Motors Corp.
Hal Keim, G.C. Area Recycling Coalition
Jerry Ragsdale, GLS Region V
Brian Rosa, Citizen Representative
Robert Thornton, Citizens Disposal

OTHERS PRESENT:

Darren Bagley, MSU Coop Extension
Comeakco Copeland, GCMPC
Sue English, Mundy Township
Tom Goergen, GCMPC
John Pettit, Genesee County Health Dept.
Lynn Randall, GCMPC

MEMBERS ABSENT:

Hans Kuhlmann, City of Flint, Chairperson
Sharon Johnson, Genesee Audubon, Vice Chairperson
Floyd Clack, County Commissioner
Eldon Dunklee, City of Montrose
Ed King, BFI

CALL TO ORDER

In the absence of both the Chairperson and Vice-Chairperson, the committee elected Kevin Hammer to chair the meeting. Mr. Hammer called the meeting to order at approximately 1:40 p.m.

MINUTES - May 27, 1999

The minutes of the May 27, 1999 meeting were presented for review. Mr. Hammer asked for corrections and/or additions to the minutes.

Action Taken -- Motion by Mr. Ragsdale, supported by Mr. Thornton, to approve the minutes of May 27, 1999 as presented.

MOTION CARRIED UNANIMOUSLY

OPPORTUNITY FOR INDIVIDUALS TO ADDRESS COMMITTEE

None.

DISCUSSION OF SECTION 2 - DATA BASE

A facility description for Genesee Landfill is still needed if they are to be included in the plan. The Annual Energy Production Section, Landfill gas recovery projects, on Venice Park's facility description needed to be corrected. Instead of 12,000 megawatts, it should have read 1.6 megawatts.

Action Taken -- Motion by Mr. Thornton, supported by Mr. Cooney, to approve Section 2 - Data Base with the above-noted correction.

MOTION CARRIED UNANIMOUSLY

DISCUSSION OF SECTION 3 - SELECTED SOLID WASTE MANAGEMENT SYSTEM

There were no new alternatives to add to the plan at this time. It was requested that this item be tabled to the next meeting.

Action Taken -- Motion by Mr. Thornton, supported by Mr. Rosa, to table Section 3 - Selected Solid Waste Management System until the next meeting.

MOTION CARRIED UNANIMOUSLY

SITING CRITERIA FOR TRANSFER FACILITIES AND RECYCLING FACILITIES

Section 4 was distributed to those present. Mr. Goergen stated that provisions have been made for transfer facilities and recycling centers in the new plan. He asked that the members review the document and be prepared to discuss at the next meeting.

OTHER

To give staff more time to complete the solid waste plan, the July 15 meeting was cancelled.

Action Taken -- Motion by Mr. Thornton, supported by Mr. Ragsdale, to cancel the July 15 meeting and reschedule it for August 19.

MOTION CARRIED UNANIMOUSLY

ADJOURNMENT

Mr. Hammer entertained a motion for adjournment.

Action Taken -- Motion by Mr. Thornton, supported by Mr. Rosa, to adjourn the Solid Waste Management Committee Meeting.

MOTION CARRIED UNANIMOUSLY

The meeting was adjourned at 2:00 p.m.

Submitted by,

Lynn Randall
Secretary

**GENESEE COUNTY
SOLID WASTE MANAGEMENT COMMITTEE
MEETING MINUTES
September 16, 1999**

MEMBERS PRESENT:

Hans Kuhlmann, City of Flint, Chairperson
Sharon Johnson, Genesee Audubon, Vice Chairperson
Floyd Clack, County Commissioner
Terry Cooney, Waste Management
Kevin Hammer, Davison Twp.
Dan Harrett, General Motors Corp.
Hal Keim, G.C. Area Recycling Coalition
Robert Thornton, Citizens Disposal

OTHERS PRESENT:

Darren Bagley, MSU Coop Extension
Chapin W. Cook, Director-Coordinator, GCMPC
Comeakco Copeland, GCMPC
Nancy Dillingham, Genesee County Corporation Counsel
Sue English, Mundy Township
Tom Goergen, GCMPC
Brad Green, Allied
Dave Herberholz, Waste Management
Brian McKenzie, Genesee County Health Dept.
John Pettit, Genesee County Health Dept.
Lynn Randall, GCMPC
Jeff Woolstrum, Honigman Miller Schwartz and Cohn

MEMBERS ABSENT:

Eldon Dunklee, City of Montrose
Ed King, BFI
Jerry Ragsdale, GLS Region V
Brian Rosa, Citizen Representative

I. CALL TO ORDER

Chairperson Kuhlmann called the meeting to order at approximately 1:48 p.m.

II. MINUTES – June 17, 1999

The minutes of the June 17, 1999 meeting were presented for review. Chairperson Kuhlmann asked for corrections and/or additions to the minutes.

Action Taken -- Motion by Mr. Hammer, supported by Mr. Cooney, to approve the minutes of June 17, 1999 as presented.

MOTION CARRIED UNANIMOUSLY

III. OPPORTUNITY FOR INDIVIDUALS TO ADDRESS COMMITTEE

Mr. Bagley distributed a flyer regarding Genesee County's Household Hazardous Waste Collection Day.

IV. SELECTED SOLID WASTE MANAGEMENT SYSTEM

Mr. Goergen presented the Draft Revision of the Alternative Solid Waste Management Systems section, asking for the committee's approval.

Action Taken -- Motion by Mr. Hammer, supported by Mr. Harrett, to approve the Draft Revision of the Alternative Solid Waste management System section.

MOTION CARRIED UNANIMOUSLY

V. IMPORTING AND EXPORTING COUNTIES

Ms. Copeland introduced the list of counties that were requesting inclusion into the Genesee County Solid Waste Management Plan as of 9/15/99. She stated that letters had been mailed to each of the counties requesting a list of their goals, objectives and any restrictions that would be placed on Genesee County's waste.

Discussion ensued regarding those counties that put restrictions on the amount of waste that they would receive from Genesee County and those counties that have capacity problems. Staff recommended that the following counties be included Genesee County's Solid Waste Management Plan as potential importers/exporters: Allegan, Antrim, Bay, Branch, Calhoun, Cass, Charlevoix, Clare, Eaton, Grand Traverse, Gratiot, Ingham, Jackson, Kalkaska, Lapeer, Lenawee, Livingston, Mason, Monroe, Montcalm, Oakland, Ottawa, St. Joseph, Shiawassee, Tuscola, and Washtenaw. It was suggested that Saginaw, Sanilac, Macomb, and Wayne Counties not be included in Genesee County's plan due to restrictions/capacity problems.

Action Taken -- Motion by Ms. Johnson, supported by Mr. Keim, to approve the following counties for inclusion into the Genesee County Solid Waste Management Plan: Allegan, Antrim, Bay, Branch, Calhoun, Cass, Charlevoix, Clare, Eaton, Grand Traverse, Gratiot, Ingham, Jackson, Kalkaska, Lapeer, Lenawee, Livingston, Mason, Monroe, Montcalm, Oakland, Ottawa, St. Joseph, Shiawassee, Tuscola, and Washtenaw.

Ayes: F. Clack, D. Harrett, S. Johnson, K. Hammer, H. Keim, H. Kuhlmann

Nays: T. Cooney, B. Thornton

MOTION CARRIED

Action Taken -- Motion by Mr. Thornton, supported by Mr. Clack, to include the Counties of Saginaw, Sanilac, Macomb, and Wayne for inclusion into the Genesee County Solid Waste Management Plan.

Ayes: F. Clack, T. Cooney, K. Hammer, D. Harrett, H. Kuhlmann, B. Thornton

Nays: S. Johnson, H. Keim

MOTION CARRIED

VI. FINANCING OF SOLID WASTE PROGRAMS

Discussion centered around ways to finance the implementation of and future updates to the solid waste plan, including tipping fees, host agreements, licensing fees and donations from landfill operators. Mr. Clack suggested that a subcommittee be formed to look into possible funding scenarios. It was decided that the subcommittee would be made up of solid waste committee members.

ADJOURNMENT

Mr. Kuhlmann entertained a motion for adjournment.

Action Taken -- Motion by Ms. Johnson, supported by Mr. Thornton, to adjourn the Solid Waste Management Committee meeting.

MOTION CARRIED UNANIMOUSLY

The meeting was adjourned at 3:50 p.m.

Submitted by,

Lynn Randall
Secretary

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**GENESEE COUNTY
SOLID WASTE MANAGEMENT COMMITTEE
MEETING NOTES
January 20, 2000**

MEMBERS PRESENT:

Dan Harrett, General Motors Corp.
Hal Keim, G.C. Area Recycling Coalition
Brian Rosa, Citizen Representative
Robert Thornton, Citizens Disposal

OTHERS PRESENT:

Chapin W. Cook, Director-Coordinator, GCMPC
Comeakco Copeland, GCMPC
Sue English, Mundy Township
Tom Goergen, GCMPC
Terry Guerin, Granger
Brad Green, Allied
Jim Helmstetter, Genesee County Health Dept.
Dave Herberholz, Waste Management
John Pettit, Genesee County Health Dept.
Lynn Randall, GCMPC

MEMBERS ABSENT:

Hans Kuhlmann, City of Flint, Chairperson
Sharon Johnson, Genesee Audubon, Vice Chairperson
Floyd Clack, County Commissioner
Terry Cooney, Waste Management
Eldon Dunklee, City of Montrose
Ed King, BFI
Jerry Ragsdale, GLS Region V

I. CALL TO ORDER

Mr. Goergen, acting as Adhoc Chairperson, stated that a quorum was not present, therefore, no action would be taken. The meeting would be an informational meeting only.

II. MINUTES – September 16, 1999

No action taken.

III. OPPORTUNITY FOR INDIVIDUALS TO ADDRESS COMMITTEE

None.

IV. SITING CRITERIA FOR SOLID WASTE FACILITIES, TRANSFER STATIONS AND RECYCLING FACILITIES

Mr. Goergen stated that there were separate criteria for landfill facilities and transfer station facilities. The following suggestions were made to the siting criteria:

- Under Floodplains and Wetlands (page 2) - add the phrase "comply with permit requirements for Wetlands"
- Under Negotiations (page 5, 1st paragraph) - change the phrase "the plan recommends" to "the plan requires"
- Under Negotiations (page 5) - expand to include facility which encourages waste separation/diversion for recycling if feasible
- Under Submission of Proposed Site for Form Review (pages 6 & 7) - expand to include private/public water systems/sewer/gas lines/utility easements
- Under Submission of Proposed Site for Form Review (page 7, 1st paragraph) insert the word "whether" after the word "determination"
- Under Responsibilities for Conducting Review (page 7, #4) - remove "the Genesee County Metropolitan Planning Commission"
- Under Schedule (page 7, #5) - include how long agency has for time limit to make determination when application is complete
- Under Submission of Proposed Site for Form Review (page 13, #g) - change "where the waste will be landfilled" to "ultimate destination of the waste"

V. OVERVIEW OF RESOURCE RECOVERY PROGRAMS

The Overview of Resource Recovery Programs section was distributed to those members present.

VI. SOLID WASTE MANAGEMENT COMPONENTS

The Solid Waste Management Components section was distributed to those members present.

VII. EDUCATIONAL AND INFORMATIONAL PROGRAMS

The Educational and Informational Programs section was distributed to those members present.

ADJOURNMENT

The next Solid Waste Management Meeting was scheduled for February 24, 2000 at 1:30 p.m.

The meeting was adjourned at approximately 2:30 p.m.

Submitted by,

Lynn Randall
Office Manager

**GENESEE COUNTY
SOLID WASTE MANAGEMENT COMMITTEE
MEETING MINUTES
February 24, 2000**

MEMBERS PRESENT:

Hans Kuhlmann, City of Flint, Chairperson
Sharon Johnson, Genesee Audubon, Vice Chairperson
Floyd Clack, County Commissioner
Terry Cooney, Waste Management
Dan Harrett, General Motors Corp.
Hal Keim, G.C. Area Recycling Coalition
Brian Rosa, Citizen Representative
Robert Thornton, Citizens Disposal
James Webber, Great Lakes (Allied)

OTHERS PRESENT:

Darren Bagley, MSU Coop Extension
Comeakco Copeland, GCMPC
Stephanie Glysson, Republic Services
Tom Goergen, GCMPC
Jim Helmstetter, Genesee County Health Dept.
John Pettit, Genesee County Health Dept.
Lynn Randall, GCMPC

MEMBERS ABSENT:

Eldon Dunklee, City of Montrose
Jerry Ragsdale, GLS Region V

I. CALL TO ORDER

Chairperson Kuhlmann called the meeting to order at approximately 1:30 p.m.

II. MINUTES – September 16, 1999

The minutes of the September 16, 1999 meeting were presented for review. Chairperson Kuhlmann asked for corrections and/or additions to the minutes. Mr. Thornton asked that the wording be changed in Item V., Importing and Exporting Counties, under the Action Taken, to reflect, "inclusion into the Genesee County Solid Waste Plan."

Action Taken -- Motion by Mr. Thornton, supported by Mr. Keim, to approve the minutes of September 16, 1999 with the above noted change.

MOTION CARRIED UNANIMOUSLY

III. OPPORTUNITY FOR INDIVIDUALS TO ADDRESS COMMITTEE

Mr. Pettit asked about the status of Clare County. Mr. Goergen informed the committee that Clare County did not wish to be included in Genesee County's plan.

IV. SITING CRITERIA FOR SOLID WASTE FACILITIES, TRANSFER STATIONS AND RECYCLING FACILITIES

Ms. Copeland stated that this portion of the plan was divided into two sections: Solid Waste Disposal Facilities, and Transfer Stations and Recycling Facilities, which are then divided into both primary and secondary siting criteria subsections. She further stated that the secondary criteria provides somewhat flexible standards for evaluating potential solid waste, transfer or recycling sites.

The committee asked that the grammatical and spelling errors be corrected, especially page 2, I.A.1.a. "exiting" should read "existing".

Ms. Johnson requested that the distance requirement from domiciles be changed from 300 feet to ½ mile and that those structures within the ½ mile radius be purchased. Mr. Goergen stated that he was not sure this was possible as this was a State rule and would need to be changed at the State level. Mr. Goergen reminded everyone that we may not be able to require more restrictions than the State requires.

Action Taken -- Motion by Ms. Johnson to accept the section entitled "Siting Criteria for Solid Waste Facilities, Transfer Stations and Recycling Facilities" with the distance requirement from domiciles changed from 300 feet to ½ mile and that those structures within the ½ mile radius be purchased.

MOTION FAILED DUE TO LACK OF SUPPORT

Action Taken -- Motion by Mr. Cooney, supported by Mr. Kuhlmann, to accept the section entitled "Siting Criteria for Solid Waste Facilities, Transfer Stations and Recycling Facilities" as presented.

Ayes: T. Cooney, D. Harrett, H. Kuhlmann, B. Rosa, B. Thornton, J. Webber

Nays: S. Johnson

Abstentions: H. Keim

MOTION CARRIED

V. OVERVIEW OF RESOURCE RECOVERY PROGRAMS

Ms. Copeland stated that the next section described the type and volume of material in the county's waste stream that may be available for recycling or composting programs. She further stated that staff has determined that composting and recycling programs within the county are feasible. Due to the fact that the actual amount of waste that is being recycled in the county is unknown, staff is proposing to implement a resource recovery program that will best fit the needs and the characteristics of Genesee County.

Action Taken -- Motion by Ms. Johnson, supported by Mr. Rosa, to accept the section entitled "Overview of Resource Recovery Programs" as presented.

MOTION CARRIED UNANIMOUSLY

VI. SOLID WASTE MANAGEMENT COMPONENTS

Ms. Copeland stated that the components of the solid waste management plan consisted of the following: goals for implementation, education, Solid Waste Management Planning Committee, and the actual implementation of the plan. She further stated that page 5 identified the parties with management responsibilities over the plan.

Action Taken -- Motion by Ms. Johnson, supported by Mr. Keim, to accept the section entitled "Solid Waste Management Components" as presented.

MOTION CARRIED UNANIMOUSLY

VII. EDUCATIONAL AND INFORMATIONAL PROGRAMS

Ms. Copeland presented the Educational and Informational Programs section stating that this represented a listing of the programs offered or proposed to be offered in Genesee County. She explained that column 1 listed the type of program, column 2 listed by what means the information would be delivered to the target group, column 3 listed who the target audience would be, and column 4 denoted what organization/agency would provide the information.

Action Taken -- Motion by Ms. Johnson, supported by Mr. Clack, to accept the section entitled "Educational and Informational Programs" as presented.

MOTION CARRIED UNANIMOUSLY

VIII. ADJOURNMENT

The meeting was adjourned at 2:30 p.m.

Submitted by,

Lynn Randall
Office Manager

**GENESEE COUNTY
SOLID WASTE MANAGEMENT COMMITTEE
MEETING MINUTES
March 16, 2000**

MEMBERS PRESENT:

Sharon Johnson, Genesee Audubon, Vice Chairperson
Terry Cooney, Waste Management
Jim Jacques, Richfield Township
Dan Harrett, General Motors Corp.
Hal Keim, G.C. Area Recycling Coalition
Brian Rosa, Citizen Representative
Robert Thornton, Citizens Disposal

OTHERS PRESENT:

Comeakco Copeland, GCMPC
Sue English, Mundy Township
Tom Goergen, GCMPC
Terry Guerin, Granger
John Pettit, Genesee County Health Dept.
Lynn Randall, GCMPC

MEMBERS ABSENT:

Hans Kuhlmann, City of Flint, Chairperson
Floyd Clack, County Commissioner
Eldon Dunklee, City of Montrose
Jerry Ragsdale, GLS Region V
James Webber, Great Lakes (Allied)

I. CALL TO ORDER

Vice Chairperson Johnson called the meeting to order at approximately 1:35 p.m.

II. MINUTES – February 24, 2000

The minutes of the February 24, 2000 were presented for review. Ms. Johnson asked for corrections and/or additions to the minutes.

Action Taken – Motion by Mr. Keim, supported by Mr. Harrett, to approve the minutes of February 24, 2000.

MOTION CARRIED UNANIMOUSLY

III. OPPORTUNITY FOR INDIVIDUALS TO ADDRESS COMMITTEE

None.

IV. ANSWERS TO VICE CHAIRPERSON'S QUESTIONS FROM THE FEBRUARY 24, 2000, MEETING REGARDING SITING REQUIREMENTS

At the February 24, 2000, meeting Ms. Johnson had asked whether the distance requirements from domiciles could be changed from 300 feet to ½ mile and whether those structures within the ½ mile radius could be purchased.

Mr. Goergen stated that he had talked with the DEQ on this issue. DEQ's response was that we can require setback restrictions as long as they do not preclude the location of the landfill. However, landfills cannot be required to purchase the homes of residents in the restrictive area.

V. DRAFT SOLID WASTE MANAGEMENT PLAN

A copy of the Draft Solid Waste Management Plan was distributed to each member of the committee. Mr. Goergen asked the members to review the Plan and submit any questions or comments that they may have in writing prior to the May meeting.

Mr. Goergen stated that staff will make changes to the plan based on comments received. After the Solid Waste Committee approves the plan, it will then be forwarded to the Genesee County Board of Commissioners. The Board of Commissioners can either accept it, change it or ask the committee to redo the plan. Prior to submission of the plan to DEQ, 66% of the local units of government need to approve the plan.

Mr. Goergen further stated that even though 90% of the local units of government have recycling programs in place, we do not know how much is actually being recycled. The goal over the next five years is to encourage recycling and minimize the waste stream. It was suggested that a committee be formed to work on the educational process to convince the public that recycling makes sense.

Mr. Goergen informed those present that reciprocal agreements were official documents of the Genesee County Board of Commissioners and that we wanted to avoid reciprocal agreements.

NOTICES

4/15/2000 Genesee County, MSU Extension and Urban Garden League were hosting a one day backyard composting bin sale. Composting bins would be sold for \$35.00 (1/2 price) at the following locations: Southwestern Academy, Lowe's at Center & Court Streets in Burton, and the MSU Extension office on Pasadena. Southwestern will also be holding the Urban Gardening Expo on the same day. Flyers would be sent to all local units of government.

5/13/2000 Household Hazardous Waste Collection will be held at the following locations:

10:00 - 2:00	Fenton High School on Owen Road
10:00 - 2:00	Skill Center in Mundy Township
10:00 - 4:00	Flint City Water Service Center at Court and Averill

VI. ADJOURNMENT

Members were reminded that the next Solid Waste Management Meeting would be April 20, 2000 at 1:30 p.m.

The meeting was adjourned at 1:58 p.m.

Submitted by,

Lynn Randall
Office Manager

**GENESEE COUNTY
SOLID WASTE MANAGEMENT COMMITTEE
MEETING NOTES
April 20, 2000**

MEMBERS PRESENT:

Terry Cooney, Waste Management
Jim Jacques, Richfield Township
Hans Kuhlmann, City of Flint, Chairperson
Brian Rosa, Citizen Representative
Robert Thornton, Citizens Disposal
James Webber, Great Lakes (Allied)

OTHERS PRESENT:

Chapin W. Cook, Director-Coordinator, GCMPC
Comeakco Copeland, GCMPC
Nancy Dillingham, Corporation Counsel
Tom Goergen, GCMPC
Stephanie Glysson, Republic/Tri-County
Terry Guerin, Granger
Angie Lavengood, GCMPC
John Petit, Genesee County Health Department

MEMBERS ABSENT:

Floyd Clack, County Commissioner
Eldon Dunklee, City of Montrose
Sharon Johnson, Genesee Audubon, Vice-Chairperson
Dan Harrett, General Motors Corp.
Hal Keim, G.C. Area Recycling Coalition
Jerry Ragsdale, GLS Region V

I. CALL TO ORDER

Mr. Goergen, acting as Adhoc Chairperson, stated that a quorum was not present, therefore, no action would be taken. The meeting would be an informational meeting only.

II. MINUTES – March 16, 2000

No action taken.

III. OPPORTUNITY FOR INDIVIDUALS TO ADDRESS COMMITTEE

None.

IV. COMMENTS ON THE SOLID WASTE MANAGEMENT PLAN DRAFT

Mr. Thornton requested a summary sheet be made for the Genesee County Solid Waste Management Plan 2000-2005 Draft.

Mr. Rosa requested an update to the Solid Waste Management Planning Committee (page 41) - to reflect the current board configuration.

Mr. Jacques requested further discussion on the proposed User Fee structures (differential vs. straight nickel).

Mr. Guerin stated several concerns in regard to the proposed User Fee structures. He is concerned about possible legal challenges (tax vs. fee issues), the collection process, and the financial impact on the smaller waste companies.

Mr. Kuhlman requested the list of the transfer stations. They are:

- Averill Resource
- CBC
- Valley
- Chupek (new)
- City of Flint (proposed/new)

Mr. Goergin stated that the Solid Waste Management Plan approval process would be as follows:

- Solid Waste Committee, the plan will be brought before the committee on May 18, 2000, upon approval;
- 90-day Public Comment Period;
- Board of Commissioners, if approved;
- Local Units, pending 2/3 majority approval;
- DEQ (they have 45 days to approve)

V. ADJOURNMENT

The next Solid Waste Management Meeting was scheduled for May 18, 2000 at 1:30 p.m.

The meeting was adjourned at approximately 2:20 p.m.

Submitted by,

Angie Lavengood
Secretary

**GENESEE COUNTY
SOLID WASTE MANAGEMENT COMMITTEE
MEETING MINUTES
6/22/00**

MEMBERS PRESENT:

Eldon Dunklee, City of Montrose
Dan Harrett, General Motors Corp.
Sharon Johnson, Genesee Audubon, Vice-Chairperson
Hal Keim, G.C. Area Recycling Coalition
Hans Kuhlmann, City of Flint, Chairperson
Jerry Ragsdale, GLS Region V
Brian Rosa, Citizen Representative
Robert Thornton, Citizens Disposal
James Webber, Great Lakes (Allied)

OTHERS PRESENT:

Comeakco Copeland, GCMPC
Nancy Dillingham, Corporation Counsel
Tom Goergen, GCMPC
Angie Lavengood, GCMPC
John Moore, Averill Refuse

MEMBERS ABSENT:

Floyd Clack, County Commissioner
Terry Cooney, Waste Management
Jim Jacques, Richfield Township

I. CALL TO ORDER

Chairperson Kuhlman called the meeting to order at approximately 1:35 p.m.

II. MINUTES – March 16, 2000

The minutes of the March 16, 2000 meeting were presented for review. Chairperson Kuhlman asked for corrections and/or additions to the minutes.

Action Taken -- Motion by Mr. Dunklee, supported by Mr. Ragsdale, to approve the minutes of the March 16, 2000.

III. OPPORTUNITY FOR INDIVIDUALS TO ADDRESS COMMITTEE

None.

IV. GENESEE COUNTY SOLID WASTE MANAGEMENT PLAN DRAFT APPROVAL

Ms. Copeland explained the revisions the Michigan Department of Environmental Quality (DEQ) requested in the Genesee County Solid Waste Management Plan 2000-2005 Draft. She stated that most were in regards to siting criteria, and didn't alter the integrity of the plan itself. They were to add clarity and make the plan more objective and measurable.

Ms. Copeland stated there is going to be an Appendix section located on the back of the Solid Waste Management Plan, which would include:

- the Board of Commissioners decision
- any Public Hearing minutes
- Public comments

Mr. Goergen explained the changes to Richfield Landfill (page 12). Mr. Goergen stated that the owners of Richfield Landfill have only one option to resolve their dispute with the DEQ, i.e., to win the court case. We are recommending that this be changed to include the option of a negotiated settlement to the dispute.

Mr. Thornton asked for clarification on how a prospective landfill petition became included in the Plan. Mr. Goergen explained that any prospective landfill that wished to be included in the Plan had to meet all siting requirements. Mr. Goergen also stated that the committee would have to reconvene in the event that a new landfill should request to be added to the plan, because the committee would have to amend the plan to include them.

Ms. Johnson requested that a copy of the siting maps be added to the Appendix, as well as, be distributed to the members of the Solid Waste Management Committee, upon finalization.

Mr. Goergen stated that the Solid Waste Management Plan approval process would be as follows:

- 90-day Public Comment Period;
- a Public Hearing on the Draft Plan;
- Board of Commissioners (30 days), if approved (they can request changes);
- Local Units, pending 2/3 majority approval (no time requirement);
- DEQ (they have 45 days to approve)

Chairperson Kuhlman requested that all committee members review their Solid Waste Management Plan Draft and give any corrections to staff.

Action Taken -- Motion by Ms. Johnson, supported by Mr. Harrett, to recommend the Solid Waste Management Plan 2000-2005 Draft to the Board of Commissioners for approval.

V. ADJOURNMENT

Chairperson Kuhlman adjourned at approximately 2:15 p.m.

Submitted by,

Angie Lavengood
Secretary

**Solid Waste Management Plan
PUBLIC HEARING**

GENESEE COUNTY ADMINISTRATION BUILDING
1101 BEACH STREET, 3RD FLOOR, HARRIS AUDITORIUM
THURSDAY, NOVEMBER 16, 2000
6:00 P.M.

A-G-E-N-D-A

- I. Call to Order
- II. Introduction of Staff
- III. Brief Explanation of the Solid Waste Management Plan
- IV. Opportunity for Individuals to Comment on the Solid Waste Management Plan
- V. Adjournment

PUBLIC NOTICE

The Genesee County Solid Waste Management Plan Update that is required under Act 451, Part 115 of the Michigan Environmental Protection Act, 1994 as amended has been released for public review and comment.

The release of the draft plan is the first task in the approval process of the plan. As of September 12, 2000, the required 90-day public comment period on the plan is in effect. The draft plan can be reviewed at all public libraries, local units of government and the Genesee County Metropolitan Planning Commission. A public hearing for the plan is scheduled for:

Thursday, November 16, 2000, at 6:00 p.m.

Harris Auditorium, 3rd Floor

Genesee County Administration Building

1101 Beach Street, Flint.

After the comment period, the Solid Waste Planning Committee will make any necessary changes based on comments received, either in writing or at the public hearing. All written comments should be submitted in writing to:

Genesee County Metropolitan Planning Commission

Attn: Thomas Goergen

1101 Beach Street, Room 223

Flint, Michigan 48502

(810) 257-3010

91207624

Genesee County
Solid Waste Plan Public Hearing
Harris Auditorium
November 16, 2000
6:00 p.m.

Public present:

Stephanie Glysson, Republic Services of Michigan, Inc., P.O. Box 68, Wayne, MI
Dan Harrett, General Motors, Mfg., G-2238 W. Bristol Road, Flint, MI
Boyt Johnson, United Plastics, 1227 Garfield St., Flint, MI
John Moore, Averill Recycling, 200 S. Averill Rd., Flint, MI
Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

The Solid Waste Management Plan hearing was called to order at approximately 6:05 p.m.

Mr. Cook welcomed those present and stated that we were there to receive comments on the Genesee County Solid Waste Management Plan. The agenda we would be following tonight will be:

The introduction of staff involved in the development of the plan; then we will provide a brief explanation of the plan and what it does, etc. Finally we would be opening up the comment period. He asked if there were any questions about the agenda. He then proceeded to introduce himself and staff present from the Genesee County Metropolitan Planning Commission.

Genesee County Metropolitan Planning Commission

Chapin W. Cook, AICP, Director/Coordinator of the Genesee County Metropolitan Planning Commission

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission

Shelia Long, Associate Planner, Community Development

Comeakco Copelend, Associate Planner, Community Development

Angie Lavengood, Secretary, Procurement Technical Assistance Center

Mr. Cook thanked the Solid Waste Management Committee for their efforts and passed out copies of the 2000-2005 Solid Waste Management Plan.

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission

Mr. Goergen stated that in February 1998 the Board of Commissioners designated GCMPC as the planning agency for solid waste for Genesee County. Once that was completed we petitioned through the county board to identify individuals to be part of the solid waste planning committee that committee is made up of:

- 4 people from the solid waste industries
- 2 people from environmental groups
- 1 person from private industry
- 1 person from county
- 1 person from townships
- 1 person from villages
- 3 individuals at large.

Mr. Goergen stated that the county board advertised in the newspaper and got a host of individuals interested in being on the committee. He stated that the Solid Waste Planning Committee convened on August of 1998 to begin work on the plan. He stated that the committee basically took the old plan and looked at the information in it and updated information, what existing information that was relevant was kept the information that wasn't relevant they set aside, and petitioned for any new additions to the plan, for example recycling. He stated that the plan is designed to identify how the county will handle the waste stream for the next 5 years. In another 5 years the plan would need to be updated again.

Mr. Goergen explained that there are 2 active landfills in the county, in addition there is 1 landfill that is currently in litigation with the Department of Environmental Quality (DEQ) and they are included in the plan. He stated there are proposals for 3 additional transfer facilities in the county, in addition to the 2 existing transfer facilities that have been incorporated in the plan.

Mr. Goergen stated that Genesee County handles 4 1/2 thousand tons of waste each year in the county, we generate about 560,000 tons per year, 150,000 is recycled (that is a guess exactly how much recycling occurs because no one keeps that information.) He stated that the plan maintains the private sector responsibility of landfills and the collection of waste with the exception of the City of Flint, who maintain their own collection facilities, all of the other cities, townships, and villages basically contract with a hauler or with a company to handle their waste to take to a landfill or recycle.

Mr. Goergen stated that it was discovered that in 1990 only 3 local units in Genesee County had any type of recycling program, and through investigation it was discovered that today only 3 local units of government, in Genesee County, do not have a recycling program. He stated that there is a tremendous move by the local units to start a recycling system in the county averting waste out of the landfill and reuse and recycling via some means. The plan identified a number of goals. One of the primary goals was to maintain recycling that is occurring and prove it. We are required to meet state law. He stated that state law mandates that by the year 2004 we need to show that 5 to 40 % of our waste is being recycled.

Mr. Goergen stated that there was nothing really new in the plan status other than status quo works. He stated that we are proposing that the county Planning Commission undertake a number of programs to encourage recycling, and find out what products are not being recycled, what there is a market for and how we can accomplish that. This plan proposes we undertake a number of programs to encourage recycling in schools, and communities to move people further and further towards recycling.

Mr. Goergen stated that when looking at the amount of industrial waste in Genesee County, surprisingly the amount of industrial waste that is landfilled is much lower than it was in 1995. He stated there have been tremendous inroads in recycling in the industrial sector. He stated that presently the major corporation Delphi has a tremendous recycling program that most of their product is being recycled and only true waste is ending up in the landfill, which is very different from 1995.

Mr. Goergen stated that the purpose of this hearing is to request comments from the public, and to receive, and review their applicability to the plan. After that time the plan will go to the County Board of Commissioners. He stated that the Board of Commissioners would be asked to adopt this plan as the county's plan. Then it will go to the 32 local units of government within Genesee County, 67% of the local units of government must approve the plan before it can go to the DEQ. He stated that in December he would be meeting with the township association, and in January he would be meeting with the city and villages association to explain the plan to those

units. He stated there are time requirements for the approval or denial of the Solid Waste Plan. The time requirement for the County Board of Commissioners upon closing of the public hearing will have approximately 30 days to address the plan. He stated that local units have no time limits. Once 67% or 22 of the local units have given approval of the plan it can be submitted to the DEQ. He stated that the DEQ has 6 months to approve or disapprove the plan. Once the plan is approved the 2000-2005 Solid Waste Management Plan will be enforced and would become the solid waste plan for the county for the next 5 years. Mr. Goergen asked if there were any questions.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
Early on the Board knew there would be this fee structure. Is that is here somewhere?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
What this plan does is it establishes the ability of the County Board of Commissioners to adopt a fee schedule. That is all that is in this plan.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
Where does it talk about it?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
It doesn't talk about the dollars Fred. All it says is a fee can be assessed should the county board choose. It is up to the County Board of Commissioners to make that determination.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
You don't know the page?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
No, I don't know the page. But all it says in that sentence is that the county Board of Commissioners, just like the last plan, the County Board had the option to establish a fee in the present Plan.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
You are saying, and I remember the meeting where I believe it was Tim Herman that said he didn't believe County Government should pay for the Plan it should be paid by the private sector. What is your opinion, now you do the plan every 5 years or do we have to do it every year?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
We have to update it every 5 years, what is in the state law.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
This cost will be to update the Plan to 2005?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
That's right.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
There is a cost for that because your staff will do that? So the cost would be...

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
Whatever the staff costs will be in 2005.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
What would it be in today's dollars?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
In today's dollars it would be around 60,000.00.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
So lets say its 80,000.00. Lets just say its 80,000. So you are saying that, you are going to suggest, are you going to suggest a recommendation that the private sector pay for that?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
We are going to bring a proposal before the County Board once the plan is completed, and approved by the County Board. Then we are going to come back to the County Board per the discussions the County had with us with a proposal of how to pay for the next plan, how to pay for the implementation of the plan.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
That's this 80,000.00?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
No, that's to update the Plan. The implementation of the Plan will be a yearly cost. We have come up with a proposal which quite honestly doesn't have anything to do with this other than this authorizes the Board, once they approve it to look at a fee structure and to have the ability to impose that fee structure. That is what it does.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
There are dollars above this 80,000.00.

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
No. The 80,000 are to update the Plan. That is in five years, yes.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
Is there any other cost?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
We need to maintain the Plan, we need to collect data, we need to establish a data collection process for recycling. None exists at all. We need to get a better handle on what the waste flow is in the County, because we don't have that at this point in time.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
When you do this maintaining and these studies it is at a cost?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
Yes, that is going to be a cost.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
Will that cost be above this 80,000.00?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
What we are planning is a full-time person working on that.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
How much is that about 40,000.00 to 50,000.00?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
Probably closer to 50,000.00 to 60,000.00.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
That's salaried.

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
Salary, fringes...

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
So that a year?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
Um hmm.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
The 80,000.00 is after 5 years. So I have to take the 50,000 time 5 and call it 250. Now we got 80 into 250, now is there any other costs?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
One of the things that the Solid Waste Committee would like the County to undertake was to look at ways to start encouraging and teaching recycling amongst the folks in the County, and to try to design a system to get recycling in the County. Greater participation of recycling.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
That's all at a cost.

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
Cost. That is what we are looking at to have one individual work on all of those things. That is one of the things they will be doing. They will also be looking at ways of developing materials for the schools, for developing materials for educational types of things for senior citizens and so forth. This is how we can get the greatest value of a piece of plastic. "Please rinse out your milk cartons". Many of them may not be rinsing out their milk cartons. The true value of those milk cartons are rinsed out and cleaned because that is what the market is based upon. If they are dirty they may not be recycled. They may actually end up in a landfill because the recycling firms are not going to take the time to recycle them. So basically what we are looking at is to try to teach people to clean their cans, clean their bottles, how do you sort papers and separate the papers out, what other products can be recycled that aren't now.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
So is that something that the salaried person is going to be doing?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
Yes.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
Is this educate thing. Perhaps this is something the private sector could do?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
But the private sector hasn't.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
Could they take that over?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
They could try but they haven't. There hasn't been anything in the private sector at all to encourage recycling in this County.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
So I won't put any dollars after this educate thing. We'll hold to the 80. Are there any other costs?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
Not off the top of my head.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
Are you saying you want the private sector to pick that cost up?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
What I was asked by the County Board was to develop a system for the private sector to develop that.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
OK, so you are saying that in your opinion if the private sector picks that tab up, how many companies do we have involved that would be dividing that? Is it listed here? This list?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
No. The haulers are not all listed in there. I don't have a list of all of the haulers. What we wanted to do was to design a system whereby the waste movements in the County that value that may end up at Venice Landfill in Shiawassee County, that the cost of that waste or the size of that waste would come to the County so we could benefit from implementation of the Plan. That is what we were designing the system to do.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
Who would be a part of that?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
The waste haulers would be the landfills would be, as well as, the transfer stations would be. Yes.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
Do you know how many entities total?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission
The landfills, there are 2 landfills in the County presently active.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
I am trying to arrive at how many entities we have that would be assessed to pay for this.

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission

That would be determined basically by the County Board. Our recommendation to the County Board would be that it would be the landfills, the haulers, and the transfer facilities. And for the transfer facilities only the waste that ends up in the landfill from the transfer facilities if they are doing recycling.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

How many are there?

Tom Goergen, Assistant Director - Genesee County Metropolitan Planning Commission

Right now there are 2 licensed transfer facilities in the County. We have 3 that are proposed in the Plan.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

How many waste haulers are there about?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission

I only know the major ones. You have Allied. You have Republic. And you have Waste Management. Those 3 are the major ones that do residential and commercial hauling.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

There are 7 entities that will pay for this?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission

Ummhmm.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

Let's assume all 7 are about the same size. Is it fair to say that I would divide 7 into the 330?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission

No. What we were going to do in order to make it fair was to base the fees on volume of waste that ends up in a landfill. That is what we were going to base it on. So that if you have a firm that only handles 200 cubic yards of waste he shouldn't be paying the same amount as a firm that handles a million cubic yards of waste.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

Are you saying that when you add those dollars up by tonage or however you are going to do it, you would pay this 330,000?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission

Yeah, that is what it is for.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

Now back to my question, we have the 7 entities.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission

Ummhmm.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

Let's assume all 7 are equal in size and equal in tonage. Would I divide the 7 into the 330?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
Yes.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
That's 47,000.00 every 5 years?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
No, that is per year.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
So it is 47,000 per.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
I don't follow what...

Chapin W. Cook, AICP, Director/Coordinator of the Genesee County Metropolitan Planning Commission
Yes it would be the total. The 330,000 would be the total cost for the 5-year process.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
Oh, Ok. I am sorry.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
So this would be the total for 5 years. If it were divided by 5 then, we'll say 9,000.00 a year each. Correct?

Chapin W. Cook, AICP, Director/Coordinator of the Genesee County Metropolitan Planning Commission
If you accepted all those givens.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
If you accepted all of those givens.

Chapin W. Cook, AICP, Director/Coordinator of the Genesee County Metropolitan Planning Commission
Your math is right.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
So the private sector is now going to be asked to pay, assuming all of these 7 units are all equal, 9,000.00 a year?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
Ummhmm.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
Your formula could be different, If I understand this you are going to ask the private sector pick up this cost. What are other counties doing?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission

It varies. Some counties pay 100 of the costs. But others of them, Wayne County for example has the same kind of a system whereby they are assessed. And they are fully funded by fees paid by the landfills.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

Now the Board of Commissioner will approve this, then it is going to go to each local unit of government. And that is the next question, Gaines and Lennon isn't in here.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission

Lennon wouldn't be.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

Why?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission

Because they are a border. The villages are included in the Township information in the census information that is why there is not separation between them.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

What page are you on?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission

I'm on page 9.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

You have the Village of Goodrich.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission

Yes, Village of Goodrich, Village of Otisville, Gaines Village is included in Gaines Township.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

So Lennon must be included in Clayton then?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission

Only the people who live in Genesee County portion of Lennon is.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

OK

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission

Shiawassee County portion of Lennon are not.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

So, the Board of Commissioners approve this, then it goes to all these units, then when they approve it, probably a year later then it comes back to us.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission

No. It goes from the Board of Commissioners to the local units of government. Once we hit the magical 67, then it is packaged and goes to the Department of Environmental Quality.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
So we have to talk about this cost here.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
The cost has nothing to do with the Plan. Absolutely nothing to do with the Plan.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
We haven't even discussed the cost?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
The cost is going to be for an ordinance that is going to be proposed to the Board after the Plan has been approved.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
And there will be nothing in this Plan dealing with the dollars to pay for it?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
Nothing. Other than the statement that "this Plan authorizes the ability of the County to assess fees", should the Board determine that is what they want to do.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
So we have time then, the Board has time to discuss this.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
Yes. Absolutely.

Chapin W. Cook, AICP, Director/Coordinator of the Genesee County Metropolitan Planning Commission
Plenty of time.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
Maybe 3 years.

Chapin W. Cook, AICP, Director/Coordinator of the Genesee County Metropolitan Planning Commission
We are hoping not 3 years.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
We are hoping that it will be pretty much in place by summer.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
Because really, for the record, this cost you know the private sector, really bothers me. I have a concern about that.
Also your committee, wasn't that composed of business owners?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
Yep.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
And are they familiar with this cost?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
Yep

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
And what do they say about it?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
What they basically said at the meetings were "hey, you gotta do what you gotta do". They didn't like it, they may not agree with it, but the Board of Commissioner is the determining factor of it. We're not the determining factor of it.

Chapin W. Cook, AICP, Director/Coordinator of the Genesee County Metropolitan Planning Commission

And more importantly Fred they were willing to recommend that included in that Plan is that the County Board will establish an ordinance that will direct the way the fees can be collected.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
That will come to us after the units have approved it, and then it goes to the DEQ for approval, then it comes to us to deal with the costs.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
Well, in the interim what I am hoping to do is bring that to you before we are dealing with the DEQ. To educate you guys on what we are talking about and to move that process ahead.

Stephanie Glysson, Republic Services of Michigan, Inc., P O Box 68, Wayne, MI
Have you run the Plan past DEQ.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
Yes

Stephanie Glysson, Republic Services of Michigan, Inc., P O Box 68, Wayne, MI
There are parts of the fee structure that are ambiguous.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
I don't know what is ambiguous.

Chapin W. Cook, AICP, Director/Coordinator of the Genesee County Metropolitan Planning Commission

The Plan?

Stephanie Glysson, Republic Services of Michigan, Inc., P O Box 68, Wayne, MI
No you are talking about the fee structure.

Chapin W. Cook, AICP, Director/Coordinator of the Genesee County Metropolitan Planning Commission

No we are talking about the Plan.

Stephanie Glysson, Republic Services of Michigan, Inc., P O Box 68, Wayne, MI
I am talking about the fee structure.

Chapin W. Cook, AICP, Director/Coordinator of the Genesee County Metropolitan Planning Commission

Would you like to come up and make a comment? Why don't we wait until Fred is done then you can do that.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
There is absolutely no fee structure in the Plan? None. What the Plan said is that the County Board of Commissioners at their discretion can establish a fee structure on waste in the county. That is all that it says.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
The law says we have to approve a Plan.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
Yes.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
That's all that it says. When the Board approves this then it goes to the local units of government then the DEQ approves it, then it comes back to us to discuss the dollars. How much time do we have to approve that?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
That depends on the local units. If the local units address the Plan immediately, my guess is by March we will be submitting it to DEQ. Now that is really optimistic Fred. But, by March potentially we could send it to DEQ.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
Let's say we get it back in June

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
That would be perfect.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
Then it is before the Board, how much time do we have? Do we have a year?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
No. As soon as possible. Because we have to go. At that point this is the Plan for the county. We have to start undertaking the process to implement that Plan.

Chapin W. Cook, AICP, Director/Coordinator of the Genesee County Metropolitan Planning Commission
We have to do all of the things that are required: education, recycling, all of those issues that need to be implemented. That is when the dollars need to flow to do that.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
Waste haulers and these other companies probably thought they would just deal with the dollars to pay for it at another time.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
They understand the quandary that county is in and how to pay for it. I won't say they totally embraced the concept "yeah, we want to give you money to cover these costs", but they do

understand the quandary that the county is in, how do you implement something that the State of Michigan quite honestly under the original law was require to fund that the Governor vetoed. The Governor line-item-vetoes those dollars out of the bill every year, because DEQ includes it in the bill because it is required by law. He vetoes it. He takes it away from the discretion of the county and says you guys are supposed to make that determination. So that is what we are grappling with, is how do we come up with that.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

The big cost, as I see it, is full time staff. If you have to have that you are going go have to prove it. Because if it was the John Moore, Averill Recycling, 200 S. Averill Road. 80,000.00 divided between the 7 entities. That would be 1,700.00 per year per entity. That's not bad. I think I kind of like that. It is certainly better than the total of the 300,000.00.

John Moore, Averill Recycling, 200 S. Averill Road, Flint, MI

It is up to the private sector though to educate on recycling. Who better knows recycling than us? How to program it, how to fund it...

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission

You have to understand we are talking about the county undertaking recycling. That is not the intent of this. What the county...

John Moore, Averill Recycling, 200 S. Averill Road, Flint, MI

You are going to have a program in set.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission

The county does not have to have a program set. There is no requirement for the county to have that program set. What we are proposing to do is to educate the communities and the populous of the county on how you go about recycling. That is not done at all by the private sector.

John Moore, Averill Recycling, 200 S. Averill Road, Flint, MI

With the dollar error we should set up a little recycling training center.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

Rather than hiring someone?

John Moore, Averill Recycling, 200 S. Averill Road, Flint, MI

Oh, exactly. I could take that 9,000.00 and...

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

I think that is going to be the big thing.

John Moore, Averill Recycling, 200 S. Averill Road, Flint, MI

Educate. If you educate the children...

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission

No one has taken the lead to do that. No one at all has taken the lead. The private sector has not shown up and said we are going to do this.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
But when they find out that instead of the 80,000.00 it is going to be 330,000.00. I bet you they will put a plan in place.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
They may.

Chapin W. Cook, AICP, Director/Coordinator of the Genesee County Metropolitan Planning Commission

It is difficult to say. If you look back over the last 10 years, when the private sector had all of that money, how many plans have they put in place on recycling?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
I don't know of any.

Chapin W. Cook, AICP, Director/Coordinator of the Genesee County Metropolitan Planning Commission

So, what you are saying could happen, whether it will...

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
That's a long shot.

Chapin W. Cook, AICP, Director/Coordinator of the Genesee County Metropolitan Planning Commission

And I think that is really the issue and I think that is the issue that concerned staff, and as a commission we need to bring in front of the County Board. We need to have that discussion completely dealt with.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
That's right

Chapin W. Cook, AICP, Director/Coordinator of the Genesee County Metropolitan Planning Commission

What falls, falls, but at this point that's the next step.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
Well, maybe these people should start working on a plan, and education plan maybe.

John Moore, Averill Recycling, 200 S. Averill Road, Flint, MI
I think that would be an appropriate idea. I think we will do that.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
What you are talking about is something that the private sector has had complete control of forever. And they have not responded at all. So we can talk about...

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
They weren't making any money on it

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
Oh yes they were. They were making a lot of money off it.

Chapin W. Cook, AICP, Director/Coordinator of the Genesee County Metropolitan Planning Commission

That is where the fee is coming from that we are talking about, from the private sector. A reasonable fee. And then the issue is what is reasonable. The issue is what is the County Board really want to do, but we probably, if you don't have anymore questions...

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
Because quite honestly Fred, everything that you have talked about has absolutely nothing to do with the Plan.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
No, but it will at one time when it comes to the board.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
You are absolutely right, if the Board chooses to adopt a fee structure. It was in the last 3 Plans the Board has never chosen to do a fee structure.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
But I am saying when you come to the Board and we are going to come up with the dollars, how we are going to pay for this, how do you know the Board isn't going to say this 80,000.00 that you can do this 52,000.00 not the 80,000.00 we will authorize 52,000.00 forget the 250,000.00. That can happen...

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
Yep. That's right.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
All I am saying right now is what is going to be said 6 months from now, or 8 months from now, its going to come up. There's going to be a big discussion. That one thing. It gets down to should government do it at a fee to the private sector. That is what it amounts to...

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
And really that is what it really comes down to.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
This is a good Plan; everything else in here is fine.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
Ok. Ok, now what I would like to do it start the Public Hearing portion of this. Because we haven't even got there yet.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
I thought this was the Public Hearing.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
This is just the discussion.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
Well, I will have to repeat my comments then for the record.

Chapin W. Cook, AICP, Director/Coordinator of the Genesee County Metropolitan Planning Commission

We have now done roman numeral number 3, Brief explanation. Now we have an opportunity for comments.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
But he asked for questions.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
I did.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
In the yellow up there be ready because I will have to ask these same questions and everything all over again.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
But understand Fred, the Plan only mentions the ability to issue, it addresses no fees there at all, so your comments about what the costs are going to be to do anything really have no bearing on it, because all it says is that the County Board should they choose...that is all that it says. This does not require fees to be issued what it does is it allows fees to be issued.

Stephanie Glysson, Republic Services of Michigan, Inc., P O Box 68, Wayne, MI
I don't see where it says that.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
Under Financial Capabilities page 65.

Stephanie Glysson, Republic Services of Michigan, Inc., P O Box 68, Wayne, MI
That is where we are at.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
OK. The last sentence, the private waste industry will provide financial assistance for the Plan implementation, monitoring, education programs, recycling program through user fees, those fee are established by the County Board, not by this Plan.

Stephanie Glysson, Republic Services of Michigan, Inc., P O Box 68, Wayne, MI
This is the section that I find is ambiguous.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
How is that ambiguous?

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
What you just said where is that at here?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
It is the last sentence under D, Financial Capabilities. The County Board has the ability to do what they wish. This Plan doesn't have to say they have the ability or requires it. The Plan can not require the Board to do anything. What this does is allows fees to be exercised should the

County Board wish to do it, it doesn't need to say that, the County Board has the ability to do that regardless, to establish fees or to not establish fees, you know that.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI
I know that.

John Moore, Averill Recycling, 200 S. Averill Road, Flint, MI
I think I could run and manage what you are talking about without having to charge those fees.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
Do it.

Chapin W. Cook, AICP, Director/Coordinator of the Genesee County Metropolitan Planning Commission
So, the real reason we are here today is for questions just like that, please feel free to make those comments.

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission
What I need you to do it talk into the microphone. Please say your name, spell your last name for us, for the record, and your address if you represent a firm, identify that, and it will go onto the record.

Stephanie Glysson, Republic Services of Michigan, Inc., P O Box 68, Wayne, MI
My name is Stephanie Glysson. I represent Republic Waste Services of Michigan. I am the owner/operator of the Brent Run landfill in Montrose Township. My address is P.O. Box 68 Wayne, Michigan, 48184. I would like to start out on page 5, under objective 5a, please explain "evaluate multi-county aspects for solid waste management." What do you hope to achieve with that and how do you plan on implementing that. You make reference on page 7 to the reporting system for waste generated and recycled in the County, in other areas of the Plan you make reference to a database being developed. I am curious as to how this database would be achieved whereas, as a hauler for Genesee County, our commercial accounts are proprietary information and I am not interested in sharing that information with the public. A database was generated as to how much waste was being collected, where, what volumes, what frequency, that is proprietary information. If we could provide that information in a means or form that would not be subject to a foyer request, but being a governmental agency everything is foyered. I have some very grave concerns with that. On page 13, Facility description for Brent Run. Under private owner could you please change that to Republic Services of Michigan, Inc? On page 20, under Facility descriptions, under a transfer station for the City of Flint, you have referenced Venice Park, Lennon, Michigan, as the final resting place for that trash, that is entirely up to you if you want to include that or not, but my understanding is that the City is currently going out for bid on their disposal contract. On page 43, Facility Description, could you please change the Private Owner description from Brent Run, Inc? To Republic Services of Michigan, Inc. On page 49, first bullet at the bottom of the page "form a partnership between the Genesee County Metropolitan Planning Commission, local units of government and the private waste industry." We applaud your efforts on that. The plan is very well written. I have a problem with this little thing called a fee structure here. It is listed on page 65 that the 'private waste industry will provide financial assistance", that statement in and by itself is ambiguous. I am concerned that by putting this ambiguous statement into a Plan such as this which leaves it wide open. You had made reference earlier to putting those fees on the haulers and transfer stations, and even with that little wrinkle in there you might actually be double dipping. Because if the hauler delivers it to the transfer station, so in retrospect it should be to the first point. I had

some concern there. The reporting process in the State of Michigan requires us only to identify the point of origin, which identifies the county, state out of country. How are you going to collect from the haulers. All the Haulers have to do is say what County. He says Genesee County. But he can go out of Genesee and collect multiple more volume in Saginaw County and come in and say it is Saginaw County. There has to be a means of checks and balances with this fee structure. I am not in favor of the fee structure. This is taxation. These fees will be passed on to the generators. The other question I have about these fees is this only for municipal solid waste, does this include industrial waste. One more point, just as a word of caution, I am not sure that I want this one on the record.

Daniel Harrett, General Motors Manufacturing, G-2238 W. Bristol Road, Flint, MI

I have some clarification on the identifying the contributors to the volume of the solid waste in the county, just on the record, to complete your listing on page 9. The listing on the bottom of page 9, under the industrial categories, listing the current General Motors and Delphi facilities in the city or in the county. The 2nd and 3rd entities are Delphi Automotive and Delphi Automotive West there is no longer any corporate connection with General Motors to them. Also I see missing on the listing of industrial facilities is for the Grand Blanc Metal Center, that is again a separate entity. They do not immediately have to handle volumes of industrial waste or municipal trash that is disposed of in the County but that information is available. Simply to complete your database. That is all I have...

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

Do I have to go back and repeat every question? It was at last half an hour. Did you hear me back there?

Ms. Lavengood

Yes.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

Did you?

Tom Goergen, Assistant Director of the Genesee County Metropolitan Planning Commission

No you can't talk again. We got everything. We will make sure that comments are included. If there are no other questions for the record, we are going to keep this Public Hearing open until 7:30 p.m. Thank you very much for coming.

Commissioner Fred Shaltz, County Board of Commissioners, 1101 Beach St., Flint, MI

Thanks Tom, you did a good job.



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CHAPIN W. COOK, AICP
DIRECTOR-COORDINATOR
THOMAS G. GOERGEN
ASSISTANT DIRECTOR

August 16, 2000

MEMORANDUM

TO: John Gleason, Chairperson
Community and Economic Development Committee

FROM: Chapin W. Cook, AICP, Director/Coordinator
Genesee County Metropolitan Planning Commission

SUBJECT: Solid Waste Management Plan Update Approval Process

I have summarized below the steps for submitting the proposed Solid Waste Management Plan Update for approval, as provided by statute and administrative rules.

- The Designated Planning Agency (GCMPC) prepares a proposed plan with assistance of the Solid Waste Management Planning Committee (PC).
- The GCMPC submits a copy of proposed plan for review to:
 - * The Department of Environmental Quality (DEQ)
 - * Each municipality within the county
 - * Adjacent counties and municipalities that may be affected or that have requested the opportunity to review the plan
 - * The designated regional solid waste management planning agency (GLS Region V)
- The public review period shall be not less than three months. Comments of a reviewing person or agency shall be submitted with the proposed plan to the County Board of Commissioners.
- The GCMPC must publish a notice at the time the plan is submitted for review of the availability of the plan for inspection or copying by an interested person.
- The GCMPC must conduct a public hearing before formal adoption by the County; publish a notice not less than 30 days before the hearing in a major newspaper in the county; indicate location where copies of the plan are available for public inspection and indicate the time and place of public hearing.

- If necessary, the GCMPC shall revise the plan based on comments made at the public hearing and shall then submit the plan back to the Solid Waste Management Planning Committee.
- After approval by the majority of the Solid Waste Management Planning Committee, and within 30 days of closing of the public comment period, the plan shall be submitted for formal action to the County Board of Commissioners.
- If the County Board of Commissioners approves the proposed plan as submitted, it is then submitted to each municipality in the county for approval.
- If the Board of Commissioners does not approve the plan, it shall be returned to the Solid Waste Management Planning Committee with the statement of objections to the plan. The Solid Waste Management Planning Committee shall have 30 days to review the objections and return the plan to the County Board of Commissioners along with its recommendations. The County Board of Commissioners shall approve the plan, either as submitted or with changes, and then shall submit the plan to all municipalities within the county.
- After 67% of the municipalities have approved the plan, the plan is submitted to the DEQ for its approval. The DEQ has 6 months to approve or disapprove the plan.

k:\wastemgt\approval process

PLANNING COMMITTEE APPOINTMENT PROCEDURE

The Planning Committee appointment procedure is as follows:

1. Public Advertisement
2. Letters to the solid waste industry
3. Letters to environmental interest groups
4. Letters to the local unit associations

After the noted procedure has been completed, proposed names for representation from each segment of the committee is submitted to the Genesee County Board of Commissioners. The staff of the Genesee County Metropolitan Planning Committee ensured that each proposed name submitted is eligible to serve on the Solid Waste Management Planning Committee.

The Genesee County Board of Commissioners made the final determination of who was selected to serve on the committee.

Planning Committee

Committee member names and the company, group, or governmental entity represented from throughout the County are listed below:

Four representatives of the solid waste management industry:

1. Robert S. Thornton, Citizens Disposal
2. Terry Cooney, Waste Management Company
3. Jim Webber, Great Lakes Waste Services
4. Hans Kuhlmann, City of Flint

One representative from an industrial waste generator:

1. Dan Harrett, GM – Flint Metal Fabricating

Two representatives from environmental interest groups from organizations that are active within the County:

1. Hal Keim, Genesee County Area Recycling Coalition
2. Sharon Johnson, Genesee Audubon, Inc.

One representative from County government. All government representatives shall be elected officials or a designee of an elected official.

1. Commissioner Floyd Clack

One representative from a township government:

1. James Jacques, Richfield Township

One representative from a city government:

1. Eldon Dunklee, City of Montrose

One representative from the regional solid waste planning agency:

1. Jerry Ragsdale, GLS Region V

Three (3) representatives from the general public who reside within the County:

1. Brian Rosa, Citizen Representative
2. Mark Stephens, Citizen Representative (Resigned)
3. Gregory A. Reed, Citizen Representative (Resigned)

APPENDIX

D

PLAN IMPLEMENTATION STRATEGY

The following discusses how the County intends to implement the plan and provides documentation of acceptance of responsibilities from all entities that will be performing a role in the Plan.

Solid Waste Management Components

Act 451 requires that the county solid waste management plans address how selected technical alternatives will be put into action through implementation. The solid waste management committee will review and make comment on the selected technical alternative. The solid waste management planning committee will be responsible for the functioning of the implementation plan and seeking the necessary funding to implement the plan. The solid waste planning committee will solicit the input of all available resource groups in the area. This shall include, environmental groups, landfill operators, recycling groups, University of Michigan – Flint, Michigan State University Extension Office, County Health Department, Industry and the Department of Environmental Quality.

Goals for Implementation

The Solid Waste Committee has established a series of short-term goals and long-term goals for a solid waste management implementation program. The process for a particular program will be developed through a series of meetings involving all interested parties. The goals are intended to steer the committee in the right direction that the committee intends to pursue. The goals will require an annual report by the solid waste management committee. The following goals are outlined as minimum activities for this committee:

Management Components	Timeline
Maintain knowledge of the availability of funding sources to implement solid waste management programs	Annually
Evaluate and assist the efforts of local municipalities to participate in alternatives to land filling solid waste	Annually
Maintain education programs throughout Genesee County	Annually
Promote home composting	Annually
Promote waste reduction and resource conservation efforts	Annually
Maintain a program of monitoring the efforts of the private sector on recycling, composting and other alternatives to landfilling	Annually
Monitor importing waste from other counties	2000 – 2005
Ensure that the designee is monitoring each part of the educational component	2000 – 2005

Construction Permits

This plan provides that the Genesee County Metropolitan Planning Commission shall have the responsibility to oversee the plan. An applicant should refer to the siting criteria section of the

Solid Waste Management Plan, when constructing a new landfill, Material Recycling Facility or transfer station.

Education

Currently there is a movement to limit the amount of solid waste generated in Genesee County. Limiting the amount of waste will be achieved through various types of recycling programs (i.e., recycling, composting, source reduction, and reuse). The amount of waste going into the landfills, will be achieved through a well thought out education plan. Public awareness of solid waste management practices will be an essential part of this plan. The Genesee County Metropolitan Planning Commission will carry out educational programs throughout Genesee County. The programs will target the school system, homeowners, renters, business owners, and industry on the importance of waste reduction. It must be recognized that the facilitation of these programs must be undertaken by the public or private agencies capable of financing the program. In the public sector, this means that the local municipalities both singularly or in combination must develop and finance these alternative management programs.

The Solid Waste Management Implementation Committee

The Solid Waste Management Implementation Committee was formed in an effort to coordinate the implementation of the Genesee County Solid Waste Management Plan. The Solid Waste Management Planning Committee also functions as the primary committee for discussing and arranging for the implementation of the plan. The committee is to function throughout a five year planning update. The committee represents persons from the private and public sector as well as citizens and environmental interest that reside in Genesee County.

Implementation

Elements of solid waste management and the agency or responsible agency is denoted in the following paragraphs and the ensuing chart the goals and the objectives.

A. Ongoing Planning, Coordination and Implementation

The process of planning, coordination and implementation for Genesee County is an ongoing annual process. The Genesee County Board of Commissioners has designated the staff of the Genesee County Metropolitan Planning Commission the responsibility for the implementation of the plan.

Coordination and cooperation among the thirty one (31) municipalities in Genesee County as well as among the private sector will be an element for implementation of a successful plan.

B. Collection and Transportation of Solid Waste

The implementation for this aspect of solid waste management has changed very little in the past five (5) years. For commercial and industrial operations, waste collection and transportation to disposal sites will continue by private haulers, thus far private haulers are doing an efficient job. The City of Flint will continue to collect and transport their solid waste to the point of disposal. The private haulers currently provide collection and disposal services to municipalities by contracts. The private sector will continue to provide these services economically and efficiently during the five (5) year Plan Update.

C. Construction, Operation & Maintenance of Solid Waste Facilities, Transfer Facilities and Recycling Facilities

Under the direction of Act 451 and the Genesee County Solid Waste Management Plan, Genesee County will continue to operate during the next five (5) years with solid waste disposal at privately operated sanitary landfills. The construction, operation and maintenance of solid waste facilities, including transfer stations and recycling facilities will also rest with the private sector. While composting, reuse, source reduction, recycling efforts and education efforts will rest with the designated planning agency.

D. Financial Capabilities

The municipalities, commercial enterprises and industrial customers have the financial capability to negotiate contracts with private haulers for the collection, transportation and disposal of solid waste. The private sector will continue to provide solid waste services for Genesee County. The private waste industry will provide financial assistance for plan implementation, monitoring, educational programs and recycling programs through user fees.

E. Enforcement

Existing enforcement and licensing of the solid waste facilities including transfer stations and recycling centers will be The Department of Environmental Quality in concurrence with the Genesee County Solid Waste Management Plan. All facilities shall be constructed in compliance with act 451. This procedure should continue through the five-year update. In the event that the Genesee County Metropolitan Planning Commission is notified of an alleged violation of the plan, it shall immediately report the same to the Department of Environmental Quality. The Genesee County Metropolitan Planning Commission and the Genesee County Solid Waste Implementation Committee will ensure that the utilization of the plan is in compliance with act 451.

Educational and Informational Programs

It is often necessary to provide educational and informational programs regarding the various components of a solid waste management system before and during its implementation. These programs are offered to avoid any miscommunication, which may result in improper handling of solid waste and to provide assistance to the various entities, which participate in such programs as waste reduction and waste recovery. Following is a listing of the programs offered or proposed within this County.

<u>Program Topic</u> ¹	<u>Delivery Medium</u> ²	<u>Targeted Audience</u> ³	<u>Program Provider</u> ⁴
<u>1,2,3,4</u>	<u>r,t,n,f</u>	<u>P</u>	<u>EX, DPA</u>
<u>1,2</u>	<u>w</u>	<u>s (k-6)</u>	<u>LS, DPA</u>
<u>4,5</u>	<u>w</u>	<u>b, l, p</u>	<u>DPA</u>
<u>1,2,3,4,5</u>	<u>w</u>	<u>ot – local municipalities</u>	<u>DPA</u>
<u>1,4,5</u>	<u>ot = guide book</u>	<u>b,l,p</u>	<u>EX, DPA</u>
<u>1,2,3,4</u>	<u>e (expo)</u>	<u>p,b,i,s</u>	<u>O-a collaboration of program providers,</u>
<u>1,2,3,4</u>	<u>w</u>	<u>s (6-12)</u>	<u>LS,DPA</u>
<u>1,2,3,4</u>	<u>ot guide book, w, o</u>	<u>Oo</u>	<u>EX, DPA, EG</u>

¹ Identified by 1 = recycling; 2 = composting; 3 = household waste; 4 = resource conservation; 5 = volume reduction; 6 = other which is explained.

² Identified by w = workshop; r = radio; t = television; n = newspaper; o= organizational newsletters; f = flyers; e = exhibits and locations listed; and ot = other which is explained.

³ Identified by p = general public; b = business; l= industry; s= students with grade levels listed. In addition if the program is limited to a geographic area, then that county, city, village, etc. is listed.

⁴ Identified by EX = MSU Extension; EG = Environmental Group (Identify Name); OO = Private Owner/Operator (Identify Name); HD = Health Department (Identify Name); DPA = Designated Planning Agency; Cu = College/ University (identify Name); LS = Local School (identify Name); ISD = Intermediate School District (Identify Name); O = Other which is explained.

Additional efforts and the above information for those efforts are listed in Appendix E.

RESOLUTIONS

The following are resolutions from County Board of Commissioners approving municipality's request to be included in an adjacent County's Plan.

TO THE HONORABLE CHAIRPERSON AND MEMBERS OF THE GENESEE COUNTY BOARD OF COMMISSIONERS, GENESEE COUNTY, MICHIGAN

LADY AND GENTLEMEN:

BE IT RESOLVED, that this Board of Commissioners of Genesee County, Michigan, hereby approves the document captioned Genesee County Solid Waste Management Plan Draft 2000-2005 (a copy of which is being placed on file with the official records of today's [December 19, 2000] meeting of this Board).

*COMMUNITY AND ECONOMIC DEVELOPMENT COMMITTEE

*Consideration by Committee to be Waived

B121900_____

JGM:jm
12-15-00

Revised
12-19-00

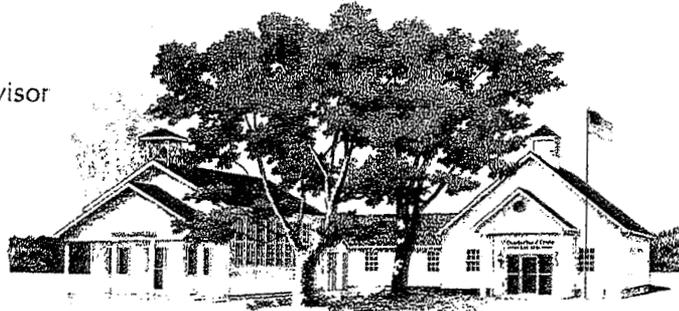
12-19-C7

C7

CHARTER TOWNSHIP OF CLAYTON

2011 MORRISH ROAD • SWARTZ CREEK, MI 48473 • PHONE 1-810-635-4433 • FAX 635-4526

RODERICK J. SHUMAKER, Supervisor
SALLY A. LURVEY, Clerk
PENNY L. MESSER, Treasurer



JOHN SAYER, Trustee
K. MICHAEL HARVEY, Trustee
GLENN W. HUFFMAN, Trustee
ROGER L. MEIER, Trustee

RECEIVED
GENESEE COUNTY

JUN 21 2001

METROPOLITAN
PLANNING COMMISSION

RESOLUTION NO. 01-0614-01 APPROVING THE GENESEE COUNTY SOLID WASTE MANAGEMENT PLAN

A RESOLUTION BY THE BOARD OF TRUSTEES OF THE CHARTER TOWNSHIP OF CLAYTON APPROVING THE GENESEE COUNTY SOLID WASTE MANAGEMENT PLAN.

WHEREAS, the plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules by the Solid Waste Management Committee and the staff of the Genesee County Metropolitan Planning Commission; and

WHEREAS, the propose update of the Genesee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genesee County Board of Commissioners; and

WHEREAS, the members of the Board have had an opportunity to review the Plan and have determined that the proposed Plan is acceptable; and

NOW, THEREFORE, BE IT RESOLVED, by this Board of Trustees of Charter Township of Clayton, of the County of Genesee, Michigan, that the proposed Genesee County Solid Waste Management Plan is an acceptable Plan to replace the current Plan, and is hereby approved.

PASSED AND APPROVED this 14th day of June, 2001 by the Clayton Charter Township Board of Trustees of the County of Genesee, Michigan.

Signed: Sally A. Lurvey, CMC
Title: Township Clerk

TO

RESOLUTION

RECEIVED
GENESEEE COUNTY
PLANNING COMMISSION
MICHIGAN
DAVISON

A RESOLUTION BY THE DAVISON TOWNSHIP BOARD APPROVING THE GENESEE COUNTY SOLID WASTE MANAGEMENT PLAN. 2001

WHEREAS, the plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules by the Solid Waste Management Committee and the staff of the Genesee County Metropolitan Planning Commission; and

WHEREAS, The proposed update of the Genesee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genesee County Board of Commissioners; and

WHEREAS, the members of the Board have had an opportunity to review the Plan and have determined that the proposed Plan is acceptable; and

NOW, THEREFORE, BE IT RESOLVED, by this Board of the Township of Davison, of the County of Genesee, Michigan, that the proposed Genesee County Solid Waste Management Plan is an acceptable Plan to replace the current Plan, and is hereby approved.

PASSED AND APPROVED this 9th day of April, 2001 by the Davison Township Board of the County of Genesee, Michigan.

Signed: Kurt B. Seger

Title: DAVISON TWP. SUPERVISOR

Charter Township of Flint

1490 S. Dye Road
Flint, Michigan 48532
Phone: (810) 732-1350
Fax: (810) 732-0866



SUPERVISOR
Sally Shaheen Joseph, J.D.

CLERK
David S. Leyton, J.D.

TREASURER
Sandra S. Wright

TRUSTEES
George J. Menoutes
Karen E. Aligood

Linda R. Barber
Vernon Burns

CONSTABLES
Nikolas Anagnostopoulos
Brady D. Smith

At a regular meeting of the Charter Township of Flint Board of Trustees held on Monday, May 21, 2001 at 7:00 p.m. located at 1490 S. Dye Road, Flint, MI 48532.

The following motion was moved by D. Leyton and second by G. Menoutes:

WHEREAS, the plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules by the Solid Waste Management Committee and the staff of the Genesee County Metropolitan Planning Commission; and

WHEREAS, the proposed update of the Genesee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genesee County Board of Commissioners; and

WHEREAS, the members of the Board have had an opportunity to review the Plan and have determined that the proposed Plan is acceptable; and

NOW, THEREFORE, BE IT RESOLVED, by this Board of the Charter Township of Flint, of the County of Genesee, Michigan, that the proposed Genesee County Solid Waste Management Plan is an acceptable Plan to replace the current Plan, and is hereby approved.

YEAS: D. LEYTON, S. WRIGHT, V. BURNS, L. BARBER, G. MENOUTES

NAYS: NONE

ABSENT: B. SMITH, J. MACGILLIVRAY

RESOLUTION DECLARED ADOPTED

STATE OF MICHIGAN)
)ss
COUNTY OF GENESEE)

I hereby certify that the foregoing is a true and complete copy of a Resolution adopted at a regular meeting of the Township Board of the Charter Township of Flint, County of Genesee, Michigan held on the 21st day of May 2001 and that the minutes of said meeting are filed in the office of the Township Clerk and are available to the public. Public notice of said meeting was given pursuant to and in compliance with Act No. 267, Public Acts of Michigan, 1976.

IN WITNESS THEREOF, I have hereunto affixed my official signature this 22nd day of May 2001.

David Leyton, Clerk

PLANNING COMMISSION
MAY 22 2001

04/26/01 Regular

**CHARTER TOWNSHIP OF FLUSHING
6524 N. SEYMOUR ROAD
REGULAR BOARD MEETING**

DATE: APRIL 26, 2001 TIME: 7:00 P.M.
PHONE: 810-659-0800 FAX 810-659-4212
WEB PAGE: <http://www.gfu.org/flushing/main.htm>

ADMINISTRATION MEMBERS

SUPERVISOR: Andrew Trogotog
CLERK: Julia A. Morford
TREASURER: Carl G. Liepmann

TRUSTEES

Ronald R. Flowers
Ann L. Fotenakes
Michael S. Gardner
Ida M. Reed

TOWNSHIP ATTORNEY:

Steven Moulton of Bellairs, Dean, Cooley,
Siler, Moulton & Smith

MEMBERS PRESENT: Flowers, Fotenakes, Gardner, Liepmann, Morford, Reed, Trogotog
and Attorney Moulton

MEMBERS ABSENT: None

OTHERS PRESENT: Dave Gibbs, Ted Breidenstein, Joan Pajtas, Frank Kiacz, John O'Brien
of the Genesee County Water and Waste Services, Genesee County Drain Commissioner Jeff
Wright, Bill Weissert, Dave and Senia Rowe, and Heritage Newspaper Reporter Rene'
Rosencrantz

SUPERVISOR TROGOTOG opened the Board Meeting at 7:00 p.m. with roll call followed by
the Pledge to the Flag.

APPROVAL OF AGENDA: FOTENAKES MOVED, seconded by Flowers to adopt the
Agenda. **MOTION CARRIED.**

APPROVAL OF MINUTES OF MARCH 8, 2001: LIEPMANN MOVED, seconded by
Fotenakes to approve the minutes of March 8, 2001. Gardner would like to have a correction
made: Page 1, paragraph 3, "published in the Heritage Newspaper...Flushing Nature Park"
changed to "published in the Heritage Newspaper concerning Cable Franchise Fees; Page 5,
paragraph 7, last line, "That figure represented...of those affected" should be deleted.
MOTION CARRIED.

APPROVAL OF MINUTES OF MARCH 22, 2001: FLOWERS MOVED, seconded by
Liepmann to approve the minutes of March 22, 2001. **MOTION CARRIED.**

APPROVAL OF BILLS: FOTENAKES MOVED, seconded by Liepmann to pay the bills as
listed. The credit card bills will be paid as soon as we receive them. The cards have already
been approved; the Board is being informed of the amount.

ROLL CALL VOTE:

AYES: Fotenakes, Gardner, Liepmann, Morford, Reed, Trogotog and Flowers
NAYS: 0 **MOTION CARRIED.**

UNFINISHED BUSINESS:

SECOND READING FOR OPEN SPACE ORDINANCE. Flowers stated that the Ordinance
has had the Second Reading. **FLOWERS MOVED**, seconded by Liepmann that the Second
Reading of the Open Space Ordinance has taken place. **MOTION CARRIED.**

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FOTENAKES recently purchased a Flushing City Zoning Ordinance directory, which would be great for Flushing Township. It contains all the information that land developers, realtors, or anyone that has anything to do with land development to be able to have for a quick reference. The Ordinance Book, which the Township sells, costs \$30. The directory, which Fotenakes purchased, was \$5.00. Other townships use a similar book and have had great success.

EXCOR OF MICHIGAN, INC. CONTRACT:

LIEPMANN explained that Excor of Michigan, Inc., was hired six or seven years ago to install the water line on Coldwater Road and Deland Road. The company quite five or six years ago with the project being 95% completed; the company still had approximately \$45,000 owed to them. The bonding company notified Liepmann that Excor had not paid for their pipe or any other materials and they wanted the \$45,000. As it turns out, the bonding company was the same company that had refused to pay the Township for the project on Pierson Road, four years before the Coldwater Road project. There was no correspondence until six months ago when the Township received a letter from the law firm of Harb, Alber & Crafton, PLLC requesting the money. Attorney Moulton explained that the bonding company for Excor of Michigan, Inc. had to, not only pay out for Flushing Township's contracts but several others. After consulting with Liepmann, the insurance company will accept \$40,251.64 and release the Township from any other liabilities in regards to any projects that Excor of Michigan, Inc. undertook. This matter was previously approved by the Board of Trustees out of the water line assessment district. When the Release is received, the Township will release a check for \$40,251.64.

NEW BUSINESS:

GENESEE COUNTY DRAIN COMMISSIONER JEFF WRIGHT: Water and Sewer Contracts: Two weeks ago, the Genesee County Water and Waste Advisory Board, the Communities as a Whole, gave an approval of new contracts. The contract for the past thirty (30) years has served the community very well; the contracts and funding are running out. The biggest change from the former contract to the new contract is the funding. Under the former contract, each local community would determine what they felt they needed in sewer capacity for the next 20 to 30 years. Each community paid a price for those units and most are gone. The new contract will be funded through user fees and a capital improvement fee, which will be levied against all people that use the system, especially the developers. This fee is \$1,000 for the sewer system and \$1,000 for the water system. The money would only go to pay off the debt of building the new systems. The sewer systems would last approximately the next 25 to 30 years at no less than \$60 to \$65 million dollars with improvements to the ARTP Plant, Montrose Plant, and the Northeast Relief Sewer, the Western Relief Sewer. The water contract will have expenditures of \$33 million over the next several years in Genesee County and more beyond that period of time.

The biggest change is the local communities. In the past the different entities were responsible for coming up with the bond service. That would be taken over by Genesee County through its Full Faith and Credit and the Drain Commission will pay the debt. The Drain Commissioner would also be responsible for making sure the entities have the capacity in the interceptor sewer system for future use. Local communities would still be responsible for getting affluent or to accept water through their own system, but the Drain Commission would put in supply lines and water and transmission lines for the sewer system on a County-wide basis.

The Contracts have been reviewed by Miller Canfield, Mear Warner, and many local attorneys including Attorney Steve Moulton.

JOHN O'BRIEN, ASSISTANT DIRECTOR OF WATER AND WASTE DIVISION:

The minor changes that are occurring: Section 2, Interceptor Sewer and Agreement Contract, the communities will pledge and give grants excess to their public right-of-way easements for construction of sanitary sewers. A second word of "its" is added to the contract to reaffirm the

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townships or villages and cities they would only draft on those easements they have control over. The township does not have the right to grant private easements.

A second change: With the new system of financing, the Drain Commission converted from unit capacity to actual flow capacity. Paragraph 9, the statement of 42 million gallons of sanitary sewage per day, it would include 190 thousand units of capacity; the current system is 97 thousand units of capacity. Paragraph 23, talks about capacity that is owned by a group of communities (Cooperative Community), there will be some communities that choose not to enter the Agreement. These communities will be honored the previous agreements in the capacity they are currently on.

An example, which Drain Commissioner Wright gave: if Mr. Rowe (a developer) was constructing a 60-unit subdivision, or a 60-unit facility of any sort, the tap-in fees or capital improvement would be \$60,000 for sewer. The same applies for the water.

The "new" customers will be paying a larger share of the costs on the existing customer base. Whether an individual is on the old or new system, the rate will be the same.

O'BRIEN explained the Contract is asking the Townships to pledge its membership in the system for the life of the bond. When the Drain Commission sells the bond, it needs the guarantee customer base to guarantee the bond. If another township decides to come in at a later date, it would pay a factor rate of 1.5 to get into the contract. The effective date is May 1, 2001.

O'BRIEN also mentioned that a Committee within the Water and Waste Advisory would advise as to what were acceptable levels of inflow and infiltration into the sewer system. Once that is set, there will be potential fees for those communities that exceed that flow.

WRIGHT said that any new development which comes in for request for approval, the local unit of government and/or the developer will have to show the Drain Commissioner's office that the sewer system has the physical capacity to handle that sewer. New sewer ordinances are going to be proposed in the future.

LIEPMANN MOVED, seconded by Flowers that the Supervisor and Clerk be empowered to sign the contracts with the Drain Commissioner for the Northeast Relief Sewer and the Western Relief Sewer and the Southern Loop, the Northern Loop and the Genesee County Water Transmission Agreement when received from the Commissioner with the changes as presented tonight.

ROLL CALL VOTE:

AYES: Gardner, Liepmann, Morford, Reed, Flowers, and Fotenakes,

NAYS: Trotogot MOTION CARRIED.

O'BRIEN would like a copy of the Resolution.

HIRING OF BRIAN FAIRCHILD AS CODE ENFORCER:

TROTOGOT requested approval for the hiring of Brian Fairchild as the Township's new Code Enforcer, as of April 2, 2001, replacing Eric Swanson, due to Swanson being appointed to the Zoning Board of Appeals and Planning Commission. Liepmann stated that because the position already existed, Board approval would not be necessary but the Board should be advised. Trotogot said everyone in the Flushing Police Department had been asked if they wanted the position. Fotenakes and Gardner felt there should have been a posting for the position. Since there have been so many changes in the past years, it was felt by the Board of Trustees that a review of the Procedural Manual would be in order. Gardner had some questions regarding the wages of the Code Enforcer. GARDNER MOVED, seconded by Fotenakes that effective immediately, the Board of Trustees post a "Help Wanted" Position for a Code Enforcement

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Officer and until that position is filled properly according to the guidelines, that Brian Fairchild should not be the Code Enforcer. DEFEATED.

TROTOGOT MOVED, seconded by Liepmann to approve the hiring of Brian Fairchild as our part-time Code Enforcement Officer as of April 26, 2001. MOTION CARRIED

FLOWERS requested that the next postings for anyone, for any replacement employees, we either change our manual or come back to the Board with the changes in our Personnel Policy before we do anything else. Andy stated this would be done.

SHIRTS FOR OFFICE PERSONNEL:

TROTOGOT felt that new personnel should have Flushing Township shirts. Originally, in the previous Board of Trustees, everyone received one Golf shirt and one sweatshirt. **GARDNER MOVED**, seconded by Liepmann that from the said date, the Township does not purchase any article of clothing for Township employees except for those, which are necessary for the performance of their duties.

ROLL CALL VOTE:

AYES: Morford, Fotenakes, Gardner

NAYS: Liepmann, Reed, Flowers, Trogot MOTION DEFEATED.

REED MOVED, seconded by Fotenakes that in the future, if the subject comes up to purchase any clothing for any of the employees, it is brought to the Board first for discussion. MOTION CARRIED.

NEW TABLES FOR THE HALL:

MORFORD requested permission to purchase two 30' x 72' oblong tables and one 60" round table for use in the Hall, and a magazine rack for the foyer entrance to the Township Building. A memorandum was written to all the Board members stating prices from Viking Products, Staples Products, and Office Max. **FOTENAKES MOVED**, seconded by Reed, that Morford would decide which price is best and be able to obtain the merchandise for the Township Hall.

ROLL CALL VOTE:

AYES: Morford, Reed, Flowers, Fotenakes, Gardner, Liepmann, and (Trogot had to leave the room)

NAYS: 0 MOTION CARRIED.

APPROVAL OF SOLID WASTE MANAGEMENT PLAN:

LIEPMANN said the copy of the Solid Waste Management Plan had been available in the Office for review. The Township had to approve the Plan for the period of 2001-2006.

FOTENAKES MOVED, seconded by Reed that we approve the Solid Waste Management Plan. MOTION CARRIED.

ROAD AGREEMENT:

TROTOGOT informed the Board that the Genesee County Road Commission would be replacing a corroded bridge which goes under McKinley Road; it is falling apart. The Township's cost would be \$30,000, which would come out of the Road Budget.

OLDIES FESTIVAL PARADE:

GARDNER informed the Board that Flushing would be having their Oldies Parade on Wednesday, June 6, 2001. Gardner would have a float in the parade with banners informing the public about the meeting dates, etc of the Township. He would like to have volunteer participation.

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HEADLEE AMENDMENT:

GARDNER stated that he had received new information regarding franchise fees. The Township is allowed to charge franchise fees but after reading the Headlee Amendment (Section 31) he felt that it would not be under the law that the Township charge franchise fees. The Amendment was passed November 7, 1978. Gardner felt that the intent of this law was to limit the amount of taxes that are charged. Gardner felt that the cable franchise fees would violate the intent of the Headlee Amendment and that the Board would have the power to revoke that fee.

LIEPMANN stated that in Bolt v Lansing (?) you cannot levy taxes or fees to people who do not have a choice in the matter unless they are receiving the benefit of the sewer or water or whatever the fact might be. The Township is not levying a franchise fee against the individual, but against the company; the individual has a choice in the matter of whether they want to have cable. **ATTORNEY MOULTON** explained the Bolt v Lansing Case to the audience.

COMMITTEE REPORTS:

Flushing Senior Citizens: The Center had been audited. Everything now balances with the bank and computer statements. Dorothy Fay had replaced the previous Treasurer. There will be an election on June 6, 2001 for five new Senior Citizen Board Members

Fire Department Response Time: Flowers mentioned that an article entitled "Fire Response Time" was published in one of the MTA magazines. Our area is 17-20 Volunteers Unit and the turn over time was supposed to be one minute and four minutes arrival. The time is very important in the Township from where the Fire Department is located to the location of the call.

Concerts in the Park: The Menu is out. "Concerts in the Park" will be in the Oldies Parade. After thorough research, it was determined by Liepmann that the Township could not donate to the new speaker system, which the "Concerts" would like to purchase. The "Concerts in the Park" is a private organization; it is not city owned. Flowers said previously the Township had donated to the City of Flushing. Dennis Bow has already budgeted for the speaker system.

Parks and Recreation: The minutes from the Park Commission were passed out to all the Board Members. There are currently seven (7) resumes for the Park Manager position, with all having a Bachelor of Science or Bachelor of Art degree. Work has been started on the Park Manager's Office and the trail system. There will be Park Meetings every two weeks for the next two months, due to the fact that all the bids have to be out and the grant money must be spent by December 1, 2001.

LIEPMANN would like Mid-Michigan Manufacturing placed on the May 10, 2001 Agenda due to a recommendation concerning generators for the two (2) pumping stations. **LIEPMANN** will give more details at the meeting. **FLOWERS** would like to see a generator at the Township Hall.

FLOWERS stated through the Planning Commission and Fitch, there have been a lot of requests for ponds/digging and the Township does not have anything vertical to work with to see how the property is doing. He would like to see Fitch's office (Planning Commission) have a transit for future use on projects. **DAVE GIBBS**, Planning Commission, has a transit to donate to the Commission.

ATTORNEY MOULTON wanted to know if the Board was going to amend the Personnel Manual. **LIEPMANN** suggested that everyone review the Personnel Manual and by the end of May, submit their changes to the Administration and the Board would go over it and bring to the Board.

04/26/01 Regular

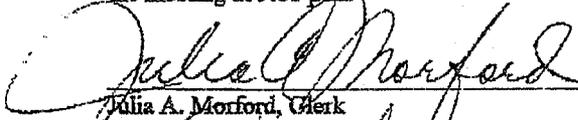
PUBLIC COMMENTS:

GIBBS stated that Flushing Township had no idea how fortunate we were to have a park like we do, especially with the funding.

MORFORD stated she appreciated everyone's patience while she was getting the minutes up to date; the previous minutes were just approved.

NEXT REGULAR MEETING will be held on **THURSDAY, MAY 10, 2001**

ADJOURNMENT: As there being no further business matters, Supervisor Trotogot adjourned the meeting at 9:00 p.m.



Julia A. Morford, Clerk

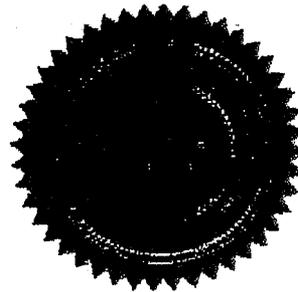


Andrew Trotogot, Supervisor

APPROVED DATE:

5/10/01

042601Regular



RESOLUTION

A RESOLUTION BY THE Board of Trustees OF THE Township of Forest APPROVING THE GENESEE COUNTY SOLID WASTE MANAGEMENT PLAN.

WHEREAS, the plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules by the Solid Waste Management Committee and the staff of the Genesee County Metropolitan Planning Commission; and

WHEREAS, The proposed update of the Genesee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genesee County Board of Commissioners; and

WHEREAS, the members of the Board have had an opportunity to review the Plan and have determined that the proposed Plan is acceptable; and

NOW, THEREFORE, BE IT RESOLVED, by this Board of the Township of Forest, of the County of Genesee, Michigan, that the proposed Genesee County Solid Waste Management Plan is an acceptable Plan to replace the current Plan, and is hereby approved.

PASSED AND APPROVED this 14 day of June, 2001 by the Township Board Council of the FOREST TOWNSHIP, Michigan.

Signed: Lorraine Bean

Title: Clerk

TG
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RESOLUTION

A RESOLUTION BY THE Board COUNCIL OF THE Township of Gaines APPROVING THE GENESSEE COUNTY SOLID WASTE MANAGEMENT PLAN.

WHEREAS, the plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules by the Solid Waste Management Committee and the staff of the Genessee County Metropolitan Planning Commission; and

WHEREAS, The proposed update of the Genessee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genessee County Board of Commissioners; and

WHEREAS, the members of the Board have had an opportunity to review the Plan and have determined that the proposed Plan is acceptable; and

NOW, THEREFORE, BE IT RESOLVED, by this Board of the Township of Gaines, of the County of Genessee, Michigan, that the proposed Genessee County Solid Waste Management Plan is an acceptable Plan to replace the current Plan, and is hereby approved.

PASSED AND APPROVED this 6th day of June, 2001 by the Board ~~XXXXX~~ of the Township of Gaines, Michigan.

Signed: Sharon Cowell
Sharon Cowell
Title: Gaines Township Clerk
Clerk

RESOLUTION

01-06

A RESOLUTION BY THE CHARTER TOWNSHIP OF GENESEE APPROVING THE GENESEE COUNTY SOLID WASTE MANAGEMENT PLAN.

WHEREAS, the plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules by the Solid Waste Management Committee and the staff of the Genesee County Metropolitan Planning Commission; and

WHEREAS, The proposed update of the Genesee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genesee County Board of Commissioners; and

WHEREAS, the members of the Board have had an opportunity to review the Plan and have determined that the proposed Plan is acceptable; and

NOW, THEREFORE, BE IT RESOLVED, by this Board of the CHARTER TOWNSHIP OF GENESEE, of the County of Genesee, Michigan, that the proposed Genesee County Solid Waste Management Plan is an acceptable Plan to replace the current Plan, and is hereby approved.

PASSED AND APPROVED this 10th day of April, 2001.

5 "Aye"

0 "Nay"

Signed: Charles Z Marshall

Title: Clark

RESOLUTION

A RESOLUTION BY THE Charter Township of Grand Blanc
Board of Trustees COUNCIL OF THE
APPROVING THE GENESSEE COUNTY
SOLID WASTE MANAGEMENT PLAN.

WHEREAS, the plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules by the Solid Waste Management Committee and the staff of the Genesee County Metropolitan Planning Commission; and

WHEREAS, The proposed update of the Genesee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genesee County Board of Commissioners; and

WHEREAS, the members of the Board have had an opportunity to review the Plan and have determined that the proposed Plan is acceptable; and

NOW, THEREFORE, BE IT RESOLVED, by this Board of the Grand Blanc Township Board, of the County of Genesee, Michigan, that the proposed Genesee County Solid Waste Management Plan is an acceptable Plan to replace the current Plan, and is hereby approved.

PASSED AND APPROVED this 10th day of May, 2001 by the Township Board Council of the _____, Michigan.

Signed: 
Title: SUPERVISOR

Wastemgmt/sample resolution

RESOLUTION

A RESOLUTION BY THE TOWNSHIP COUNCIL OF THE
MT. MORRIS CHARTER TOWNSHIP BOARD APPROVING THE GENESSEE COUNTY
SOLID WASTE MANAGEMENT PLAN.

WHEREAS, the plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules by the Solid Waste Management Committee and the staff of the Genessee County Metropolitan Planning Commission; and

WHEREAS, The proposed update of the Genessee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genessee County Board of Commissioners; and

WHEREAS, the members of the Board have had an opportunity to review the Plan and have determined that the proposed Plan is acceptable; and

NOW, THEREFORE, BE IT RESOLVED, by this Board of the
CHARTER TOWNSHIP OF MT. MORRIS, of the County of Genessee, Michigan,
that the proposed Genessee County Solid Waste Management Plan is an acceptable
Plan to replace the current Plan; and is hereby approved.

PASSED AND APPROVED this 26 day of MARCH, 2001 by the
TOWNSHIP Council of the MT. MORRIS CHARTER TOWNSHIP, Michigan.

Signed: Linda K. Steinley

Title: CLERK

Wastemgmt/sample resolution

RECEIVED
GENESSEE COUNTY

APR 02 2001

GENESSEE COUNTY
PLANNING COMMISSION

CHARTER TOWNSHIP OF MUNDY

RESOLUTION NO. 01-9

A RESOLUTION BY THE Mundy Township Board ~~COUNCIL~~ OF THE
Charter Township of Mundy APPROVING THE GENESSEE COUNTY
SOLID WASTE MANAGEMENT PLAN.

WHEREAS, the plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules by the Solid Waste Management Committee and the staff of the Genesee County Metropolitan Planning Commission; and

WHEREAS, The proposed update of the Genesee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genesee County Board of Commissioners; and

WHEREAS, the members of the Board have had an opportunity to review the Plan and have determined that the proposed Plan is acceptable; and

NOW, THEREFORE, BE IT RESOLVED, by this Board of the
Charter Township of Mundy, of the County of Genesee, Michigan,
that the proposed Genesee County Solid Waste Management Plan is an acceptable Plan to replace the current Plan, and is hereby approved.

PASSED AND APPROVED this 10th day of September, 2001 by the
Township Board ~~Council~~ of the Charter Township of Mundy, Michigan.

Signed: Donald G. Halka
Donald G. Halka
Title: Supervisor

Wastemgmt/sample resolution

Richfield Township Resolution

Resolution 01-06

Solid Waste Management Plan

Whereas, The plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451 as amended (NREPA), Part 115 Solid Waste Management, and its Administrative Rules by the Solid Waste Committee and the staff of Genesee County Metropolitan Planning Commission. And

Whereas, The proposed update of the Genesee County Solid Waste Management Plan has been approved by the solid Waste Management Committee and the Genesee County Board of Commissioners. And

Whereas, The members of the Richfield Township Board of Trustees have had an opportunity to review the plan and have determined the plan is acceptable. Now

Therefore Be It Resolved, That the Board of Trustees for The Township of Richfield, County of Genesee, in the State of Michigan, finds the proposed Genesee County Solid Waste Management Plan is an acceptable plan to replace the current plan.

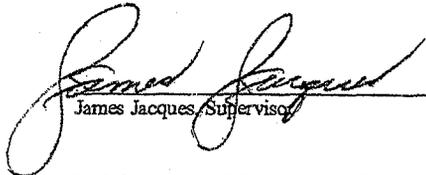
At a meeting of the Richfield Township Board of Trustees on the foregoing resolution was moved by Spencer and supported by Vohwinkle.

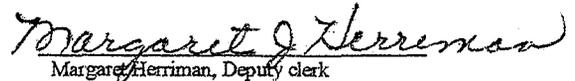
Voting for: 4

Voting Against: 0

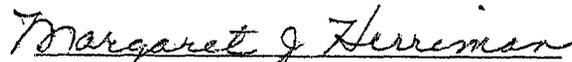
Absent: 1

The Supervisor declares this resolution adopted


James Jacques, Supervisor


Margaret Herriman, Deputy clerk

I, Margaret Herriman, Deputy Clerk for the Township of Richfield, County of Genesee, do hereby certify the forgoing resolution was made and passed by the Richfield Township Board of Trustees at a regular meeting on this 8th day of May 2001, at 7:30 p.m.


Margaret Herriman, Deputy Clerk

RESOLUTION
No. 6-4-01-12

of the
CHARTER TOWNSHIP OF VIENNA

A RESOLUTION APPROVING THE GENESEE COUNTY SOLID WASTE
MANAGEMENT PLAN

At a regular meeting of the Township Board of the Charter Township of Vienna, Genesee County, Michigan, held on the 4th day of June, 2001, at 5:30 P. M. Local Time.

Present: McKerchie, Scott, Luttenbacher, Corba, Preseau, Ridley,
Zinn

Absent: None

After discussion, the following resolution was offered by Luttenbacher and seconded by Zinn;

WHEREAS, The plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules by the Solid Waste Management Committee and the staff of the Genesee County Metropolitan Planning Commissioners; and

WHEREAS, The proposed update of the Genesee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genesee County Board of Commissioners; and

WHEREAS, the members of the Board have had an opportunity to review the Plan and have determined that the proposed Plan is acceptable.

NOW, THEREFORE, BE IT RESOLVED by this Board of the Charter Township of Vienna, County of Genesee, Michigan, that the proposed Genesee County Solid Waste Management Plan is an acceptable Plan to replace the current Plan, and is hereby approved.

ADOPTED:
Yeas: Ridley, Preseau, Corba, Luttenbacher, Scott, McKerchie, Zinn

Nays: None

CERTIFICATION:
STATE OF MICHIGAN)
) SS:
COUNTY OF GENESEE)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of a resolution adopted by the Township Board of the Charter Township of Vienna, Genesee County, Michigan, at a regular meeting duly called and held on the 4th day of June, 2001, the original of which is on file in my office.

Anthony McKerchie
Anthony McKerchie, Supervisor

Richard E. Scott
Richard E. Scott, Clerk

RESOLUTION NO. 01-20

**RESOLUTION APPROVING THE GENESEE COUNTY SOLID WASTE
MANAGEMENT PLAN**

Moved by Commissioner Needham, supported by Commissioner Morningstar, to adopt the following:

WHEREAS, the plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules by the Solid Waste Management Committee and the Genesee County Metropolitan Planning Commission; and

WHEREAS, The proposed update of the Genesee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genesee County Board of Commissioners; and

WHEREAS, the members of the Board have had an opportunity to review the Plan and have determined that the proposed Plan is acceptable;

NOW, THEREFORE, BE IT RESOLVED, by this Board of the City of Clio, of the County of Genesee, Michigan, that the proposed Genesee County Solid Waste Management Plan is an acceptable Plan to replace the current Plan, and is hereby approved.

Voting yes: All yeas

Voting no: None

Absent: None

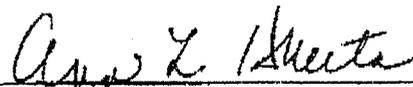
Dated: May 21, 2001

I declare this resolution approved.

ATTEST:



Thomas Yost, Mayor



Ann L. Huerta, City Clerk

Dated: 5-23-01

Dated: 5/23/01



City of Davison

200 E. FLINT STREET
P.O. BOX 130
DAVISON, MICHIGAN 48423-0130

TELEPHONE (810) 653-2191
FAX (810) 653-9621

RESOLUTION

A RESOLUTION BY THE CITY COUNCIL OF THE CITY OF DAVISON APPROVING THE GENESEE COUNTY SOLID WASTE MANAGEMENT PLAN.

WHEREAS, The plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules by the Solid Waste Management Committee and the staff of the Genesee County Metropolitan Planning Commission; and

WHEREAS, The proposed update of the Genesee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genesee County Board of Commissioners; and

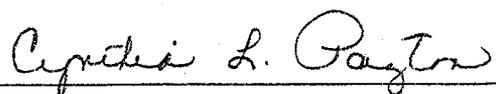
WHEREAS, The members of the Board have had an opportunity to review the Plan and have determined that the proposed Plan is acceptable; and

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Davison of the County of Genesee, Michigan, that the proposed Genesee County Solid Waste Management Plan is an acceptable Plan to replace the current Plan, and is hereby approved.

PASSED AND APPROVED this 9th day of April ~~XXXX~~, 2001,
by the City Council of the City of Davison, Michigan.



Mayor Kay Ann E. Adair



Cynthia L. Payton, City Clerk

TG

CITY OF FENTON

RESOLUTION NO. 2001-16

The following resolution was offered by Rauch, seconded by Hammond.

A resolution by the City Council of the City of Fenton approving the Genesee County Solid Waste Management Plan.

WHEREAS, the plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules by the Solid Waste Management Committee and the staff of the Genesee County Metropolitan Planning Commission; and

WHEREAS, the proposed update of the Genesee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genesee County Board of Commissioners; and

WHEREAS, the members of the City Council have had an opportunity to review the Plan and have determined that the proposed Plan is acceptable; and

NOW, THEREFORE, BE IT RESOLVED, by this City Council of the City of Fenton, of the County of Genesee, Michigan that the proposed Genesee County Solid Waste Management Plan is an acceptable Plan to replace the current Plan, and is hereby approved.

YEAS: Osborn, Primeau, Rauch, Hammond.

NAYS: Angeluski, King.

ABSENT: Dolza.

Resolution declared adopted.

CERTIFICATION OF CLERK

I, Melinda Carrier, Deputy City Clerk of the City of Fenton, hereby certify this to be a true and complete copy of a resolution duly adopted by the Fenton City Council at a regular meeting held on Monday, July 23, 2001.

Melinda Carrier

Melinda Carrier, Deputy City Clerk

RECEIVED
GENESEE COUNTY METRO
PLANNING COMMISSION

JUL 24 2001

GENESEE COUNTY METRO
PLANNING COMMISSION

~~Plans~~ ~~Ronda~~
~~Sanitation~~ ~~File~~
* Tom Guagen
Genesee Co. Planning Commission

010673

Presented: MAY 29 2001

Adopted: MAY 29 2001

BY THE MAYOR:

RESOLUTION

A RESOLUTION BY THE FLINT CITY COUNCIL OF THE CITY OF FLINT APPROVING THE GENESSEE COUNTY SOLID WASTE MANAGEMENT PLAN.

The Genesee County Solid Waste Management Plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules by the Solid Waste Management Committee and the staff of the Genesee County Metropolitan Planning Commission:

The proposed update of the Genesee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genesee County Board of Commissioners; and

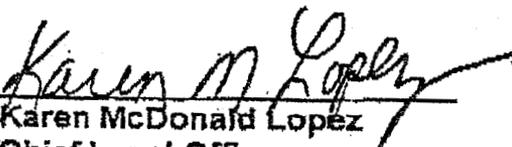
The members of the Council have determined that the proposed Plan is acceptable; and

NOW, THEREFORE, BE IT RESOLVED, by this City Council of the City of Flint, of the County of Genesee, Michigan, that the proposed Genesee County Solid Waste Management Plan is an acceptable Plan to replace the current Plan, and is hereby approved.

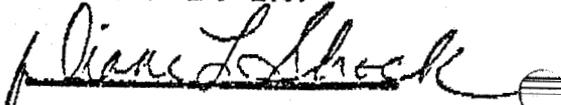
PASSED AND APPROVED this 29th day of May, 2001 by the Flint City Council of the City of Flint, Michigan.

APPROVED AS TO FORM

APPROVED BY
CITY COUNCIL


Karen McDonald Lopez
Chief Legal Officer

MAY 29 2001



**CITY OF FLUSHING
RESOLUTION NO. 01-0514**

A RESOLUTION BY THE CITY COUNCIL OF THE CITY OF FLUSHING APPROVING THE GENESEE COUNTY SOLID WASTE MANAGEMENT PLAN.

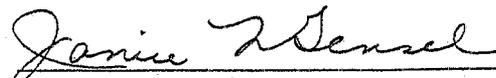
WHEREAS, the Plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules by the Solid Waste Management Committee and the staff of the Genesee County Metropolitan Planning Commission; and

WHEREAS, the proposed update of the Genesee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genesee County Board of Commissioners; and

WHEREAS, the members of the City Council have had an opportunity to review the Plan and have determined that the proposed Plan is acceptable; and

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Flushing, of the County of Genesee, Michigan, that the proposed Genesee County Solid Waste Management Plan is an acceptable Plan to replace the current Plan, and is hereby approved.

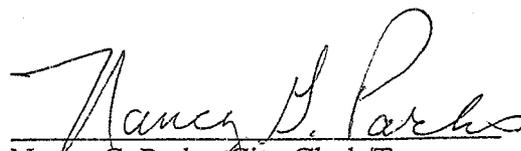
PASSED AND APPROVED this 14th day of May, 2001 by the City Council of the City of Flushing, Michigan.



Janice L. Gensel, Mayor

STATE OF MICHIGAN]
] ss
COUNTY OF GENESEE]

I hereby certify that the foregoing is a true and complete copy of a resolution offered and adopted by the Flushing City Council at a Regular meeting held on May 14, 2001.



Nancy G. Parks, City Clerk/Treasurer

CITY OF LINDEN

RESOLUTION NO. 560

A RESOLUTION APPROVING THE GENESEE COUNTY SOLID WASTE MANAGEMENT PLAN

WHEREAS the plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules by the Solid Waste Management Committee and the staff of the Genesee County Metropolitan Planning Commission; and,

WHEREAS the proposed update of the Genesee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genesee County Board of Commissioners; and,

WHEREAS the City Manager has reviewed the Solid Waste Management Plan and has determined that the proposed plan is acceptable;

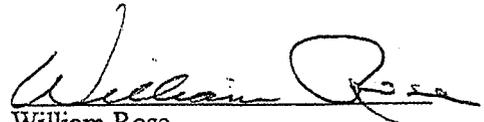
THEN NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Linden, County of Genesee, Michigan, that the proposed Genesee County Solid Waste Management Plan is an acceptable Plan with the following amendments

1. In Tables 1 and 2 (pp 52 and 54, respectively), the Collection Frequency for the City of Linden should indicate weekly collection, not bi-weekly. Additionally, Table 2, Materials Collected, should also indicate glass (e) and metals (f).

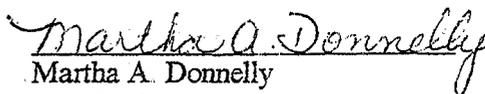
2. In Table 3 (p. 57), the Collection Frequency for the City of Linden should indicate season collection (sp, su, fa). Additionally, the legend for Table 3 (p. 59) does not accurately reflect the Materials Collected.

3. Table 4 (p. 60) indicates that "There are currently no composting programs in the County." The City of Linden (through its solid waste collector, Waste Management, Inc.) has collected compost for several years on a weekly seasonal basis.

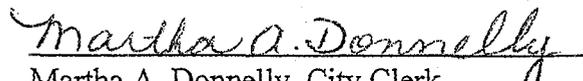
CONSIDERED AND ADOPTED this 9th day of April, 2001, by the City Council of the City of Linden, Michigan.


William Rose
Mayor

ATTEST:


Martha A. Donnelly
City Clerk

I certify the foregoing is a true and exact copy of Resolution No. 560 adopted by the Linden City Council on Monday, April 9, 2001.


Martha A. Donnelly, City Clerk

TG

RECEIVED
MAY 15 2001
PLANNING COMMISSION

RESOLUTION 01-04

A RESOLUTION BY THE CITY OF MONTROSE COUNCIL OF THE COUNTY OF GENESEE APPROVING THE GENESEE COUNTY SOLID WASTE MANAGEMENT PLAN.

WHEREAS, the plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules by the Solid Waste Management Committee and the staff of the Genesee County Metropolitan Planning Commission; and

WHEREAS, The proposed update of the Genesee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genesee County Board of Commissioners; and

WHEREAS, the members of the Board have had an opportunity to review the Plan and have determined that the proposed Plan is acceptable; and

NOW, THEREFORE, BE IT RESOLVED, by this Board of the CITY OF MONTROSE, of the County of Genesee, Michigan, that the proposed Genesee County Solid Waste Management Plan is an acceptable Plan to replace the current Plan, and is hereby approved.

PASSED AND APPROVED this 15TH day of MAY, 2001 by the CITY OF MONTROSE Council of the COUNTY OF GENESEE, Michigan.

Signed: Donald J. Dowell /DONALD J. DOWELL

Title: CITY CLERK

CITY OF MT. MORRIS
RESOLUTION NO. 01-25

WHEREAS: The Genesee County Solid Waste Management Plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management and its Administrative Rules by the Solid Waste Management Committee and the staff of the Genesee County Metropolitan Planning Commission; and

WHEREAS: The proposed update of the Genesee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genesee County Board of Commissioners; and

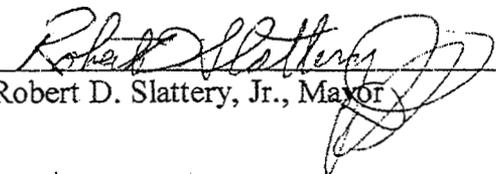
WHEREAS: Staff has reviewed the plan and has recommended approval and the members of this Council have had an opportunity to review the Plan and the executive summary and have determined that the proposed Plan is acceptable; and

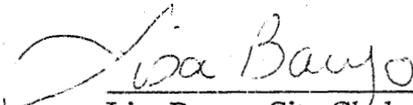
NOW-THEREFORE, BE IT RESOLVED:

That the Mt. Morris City Council does hereby determine that the proposed Genesee County Solid Waste Management Plan is an acceptable Plan to replace the current Plan, and is hereby approved.

Moved by Council member LaFurgey, seconded by Council member Lavelle, and thereafter adopted by the City Council of the City of Mt. Morris at a regular meeting held Monday, March 26, 2001 at 7:30 p.m.

6 Yea 0 Nay 1 Absent
(Swedorski)


Robert D. Slattery, Jr., Mayor


Lisa Baryo, City Clerk

Village of Gaines

113 Genesee St. • P.O. Box 178
Gaines, Michigan 48436-0178
517-271-8386

RESOLUTION 2001-002

A RESOLUTION BY THE VILLAGE OF GAINES COUNCIL OF THE VILLAGE OF GAINES APPROVING THE GENESEEE COUNTY SOLID WASTE MANAGEMENT PLAN.

WHEREAS, the plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules b the Solid Waste Management Committee and the staff of the Genesee County Metropolitan Planning Commission; and

WHEREAS, The proposed update of the Genesee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genesee County Board of Commissioners; and

WHEREAS, the members of the Board had had an opportunity to review the Plan and have determined that the proposed Plan is acceptable; and

NOW, THEREFORE, BE IT RESOLVED, by this Board of the VILLAGE OF GAINES, of the County of Genesee, Michigan, that the proposed Genesee County Solid Waste Management Plan is an acceptable Plan to replace the current Plan, and is hereby approved.

PASSED AND APPROVED this 9th day of May, 2001 by the VILLAGE OF GAINES COUNCIL of the VILLAGE OF GAINES, Michigan.

Signed: Raul Garcia

Title: VILLAGE PRESIDENT

VILLAGE OF GOODRICH
GOODRICH, MICHIGAN

TG-5L
C

ADOPTION OF THE GENESEE COUNTY SOLID WASTE MANAGEMENT PLAN 2000-2005

RESOLUTION 2001-06

A RESOLUTION BY THE VILLAGE COUNCIL OF THE
VILLAGE OF GOODRICH APPROVING THE GENESEE COUNTY
SOLID WASTE MANAGEMENT PLAN.

WHEREAS, the plan was prepared pursuant to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules by the Solid Waste Management Committee and the staff of the Genesee County Metropolitan Planning Commission; and

WHEREAS, The proposed update of the Genesee County Solid Waste Management Plan has been approved by the Solid Waste Management Committee and the Genesee County Board of Commissioners; and

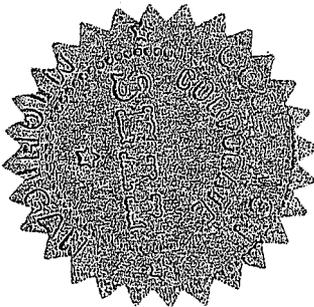
WHEREAS, the members of the Board have had an opportunity to review the Plan and have determined that the proposed Plan is acceptable; and

NOW, THEREFORE, BE IT RESOLVED, by this Board of the VILLAGE OF GOODRICH, of the County of Genesee, Michigan, that the proposed Genesee County Solid Waste Management Plan is an acceptable Plan to replace the current Plan, and is hereby approved.

PASSED AND APPROVED this 9TH day of APRIL, 2001 by the VILLAGE Council of the VILLAGE OF GOODRICH, GOODRICH, Michigan.

I, Gloria Jean Bradley, Clerk of the Village of Goodrich, Genesee County, State of Michigan, do certify that the above resolution 2001-06 was adopted at a regular meeting of the Village of Goodrich Council on the 9th day of April 2001.

Signed: Gloria Jean Bradley
Title: Village Clerk



LISTED CAPACITY

Documentation from landfills that the County has access to their listed capacity.



Citizens Disposal

2361 West Grand Blanc Road
Grand Blanc, Michigan 48439

810.655.4207
810.655.4147 fax

07/11/2001

Genesee County Metropolitan Planning Commission
Room 223
1101 Beach Street
Flint, Michigan 48502-1470

Attention: Chapin W. Cook, AICP
Director-Coordinator

Re: Genesee County Solid Waste Plan Update

Gentlemen:

This letter is in response to your correspondence of June 18, 2001 regarding the Genesee County Solid Waste Plan.

Citizens Disposal, Inc. currently operates a Licensed Type II Sanitary Landfill at 2361 W. Grand Blanc Road in Mundy Township, Genesee County, Michigan. The Facility is included in the existing Genesee County Solid Waste Plan as well as the Proposed Genesee County Solid Waste Plan Update.

Citizens Disposal, Inc. intends to operate the facility in excess of 10 years, accepting Non-hazardous solid waste generated from both within & outside Genesee County in compliance with State and Federal Regulations.

Sincerely,



Robert S. Thornton
Site Manager, Citizens Disposal, Inc.

RECEIVED
GENESEE COUNTY

JUL 12 2001

METROPOLITAN
PLANNING COMMISSION



VENICE PARK RECYCLING & DISPOSAL FACILITY
A WASTE MANAGEMENT COMPANY

9536 East Lennon Road
Lennon, MI 48449
(810) 621-9080
(810) 621-3156 Fax

February 7, 2001

Chapin W. Cook
Genesee County Metropolitan Planning Commission
Room 223
1101 Beach Street
Flint, Mi. 48502-1470

RECEIVED
GENESEE COUNTY

FEB 09 2001

MP-COM-01
PLANNING COMMISSION

Subject: Solid Waste Management Plan

Dear Mr. Cook,

Please consider this correspondence as Waste Management's (Venice Park) acknowledgement that it can provide primary disposal for Genesee County's waste for a period of at least 10 years at our Shiawassee County Facility.

Genesee County is approved to send waste to the Venice Park Landfill as noted in the current Shiawassee County Solid Waste Plan and its proposed plan update.

If you have any questions please call Mr. Chris Basgall at 810-621-9080 or myself at 616-945-2260.

Sincerely,

Steve Essling
Government & Regulatory Affairs

Brent Run Landfill, Inc.
8335 Vienna Road
Montrose, MI 48457
(810) 639-3077

RECEIVED
GENESEE COUNTY
MAR 1 2001
METROPOLITAN
PLANNING COMMISSION

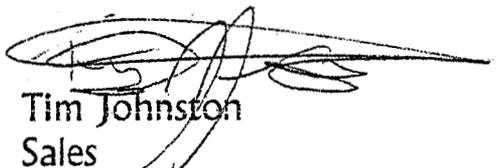
February 28, 2001

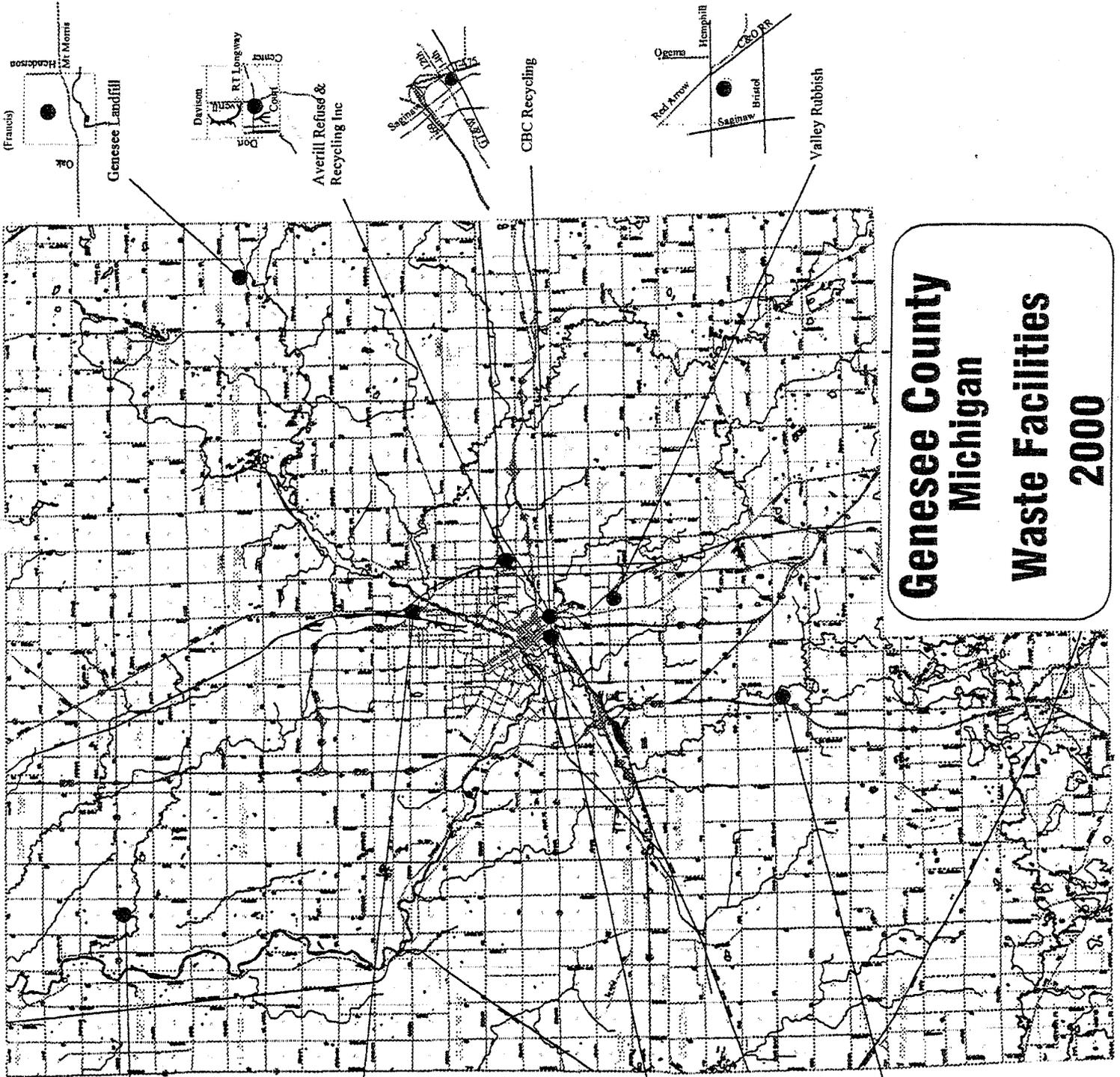
Genesee County Metropolitan Planning Commission
1101 Beach Street, Room 223
Flint, MI 48502-1470

In response to your inquiry letter of January 12, 2001 the Brent Run Landfill would like to state that yes we do have room for the Genesee County Waste for 10 years and even more.

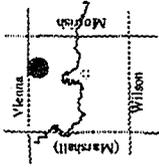
If you have any further questions, please feel free to contact me, Tim Johnston, at the Brent Run Landfill at (810) 639-3077.

Thank you for allowing us the opportunity to serve you.


Tim Johnston
Sales
Brent Run Landfill



**Genesee County
Michigan
Waste Facilities
2000**



Genesee Landfill



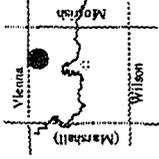
Averill Refused & Recycling Inc



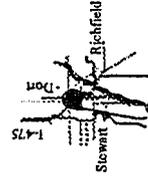
CBC Recycling



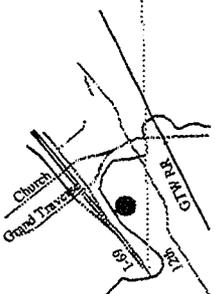
Valley Rubbish



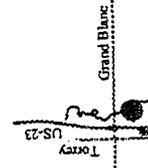
Brent Run, Inc.



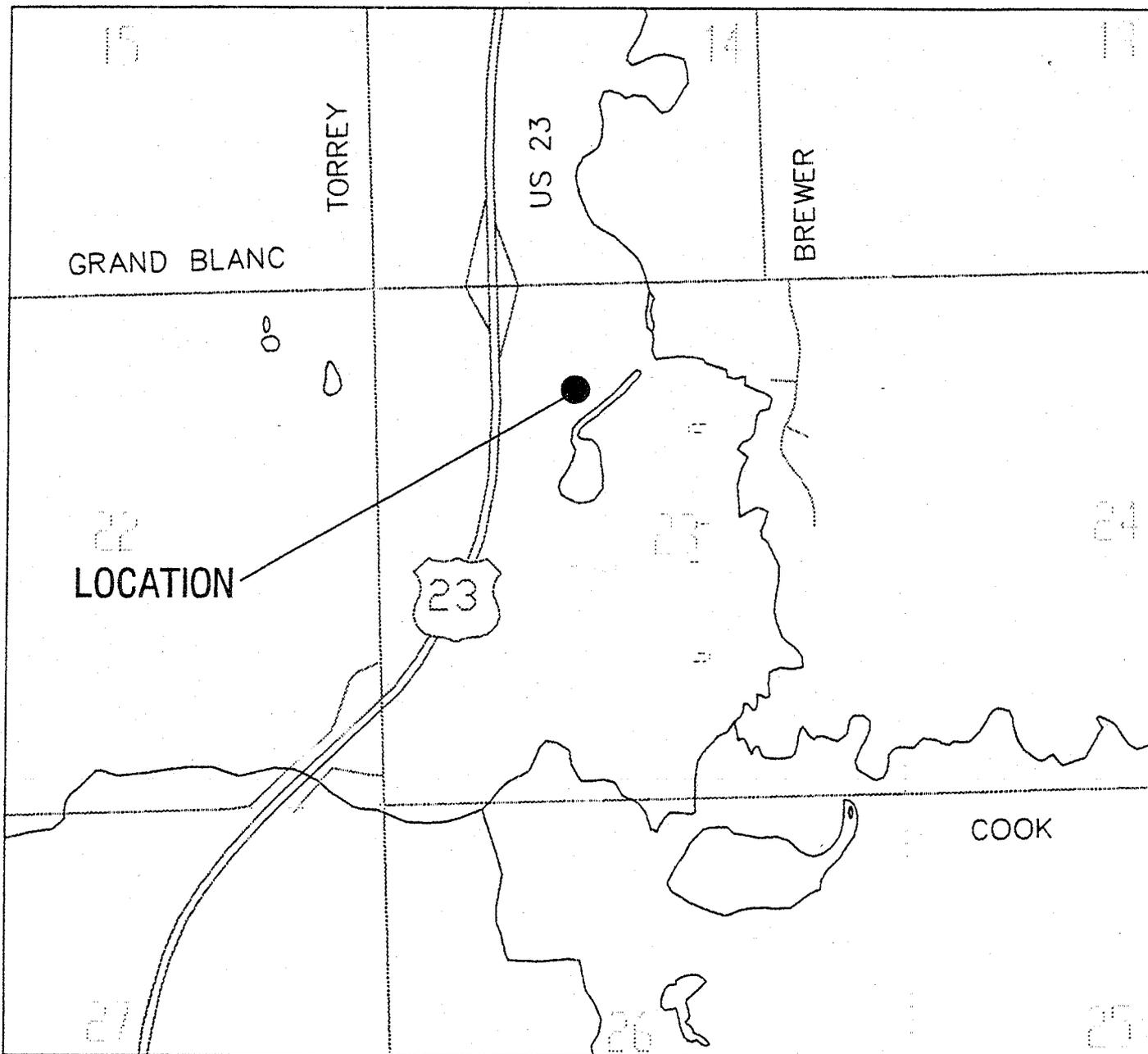
Resource Recovery of Flint, Inc



City of Flint Transfer Station

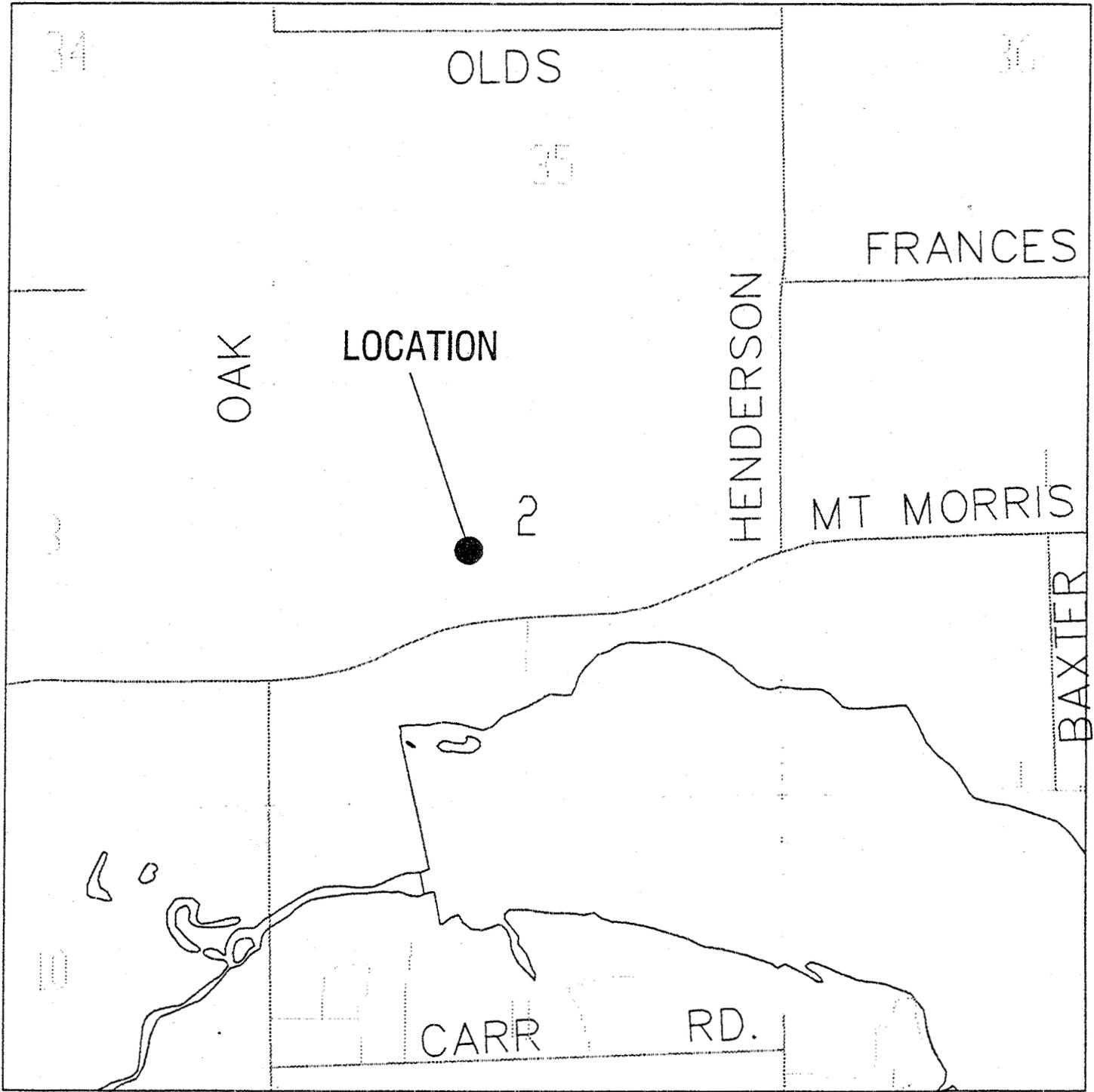


Citizens Disposal, Inc



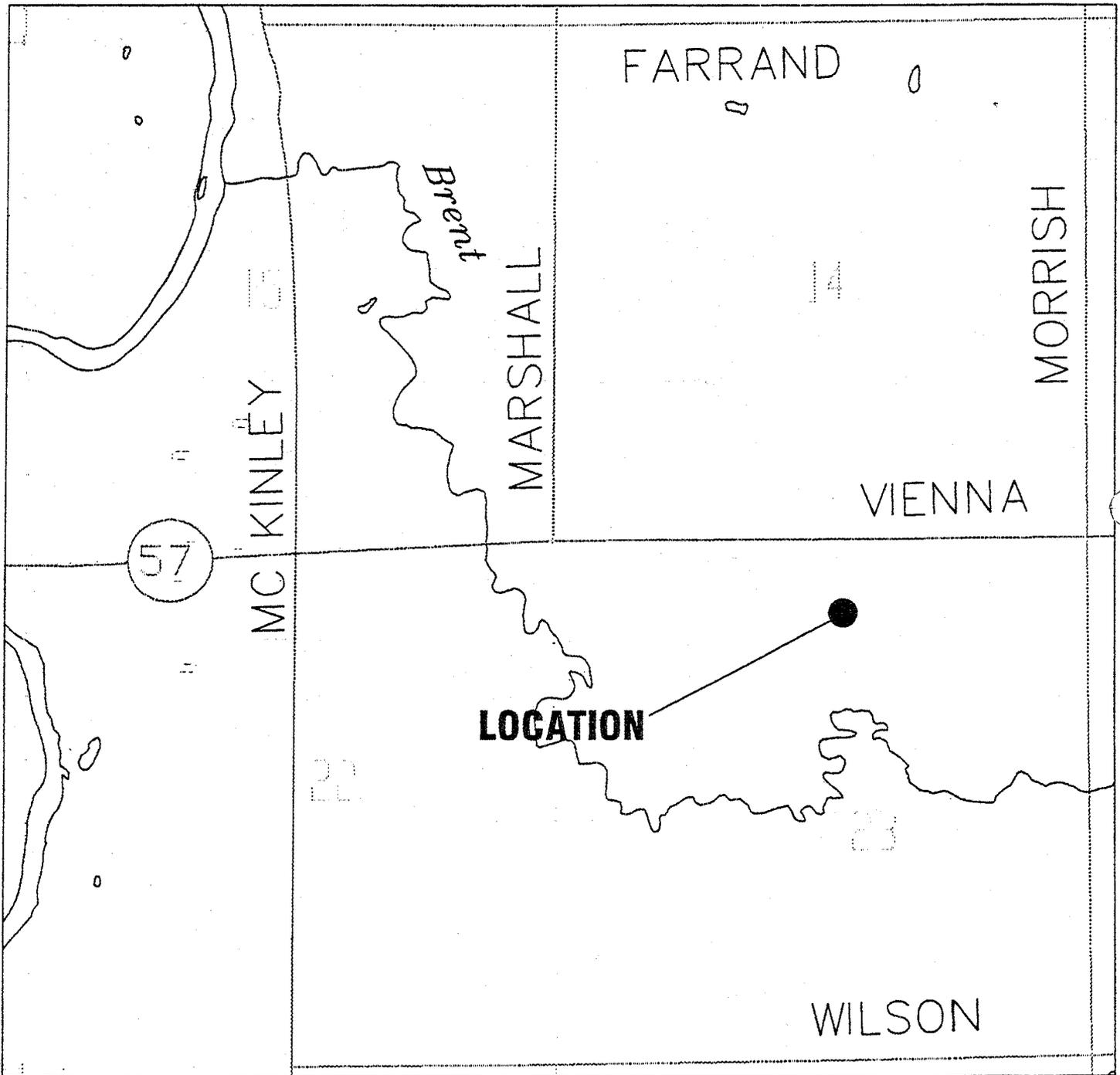
Citizens Disposal, Inc

Type II Sanitary Landfill



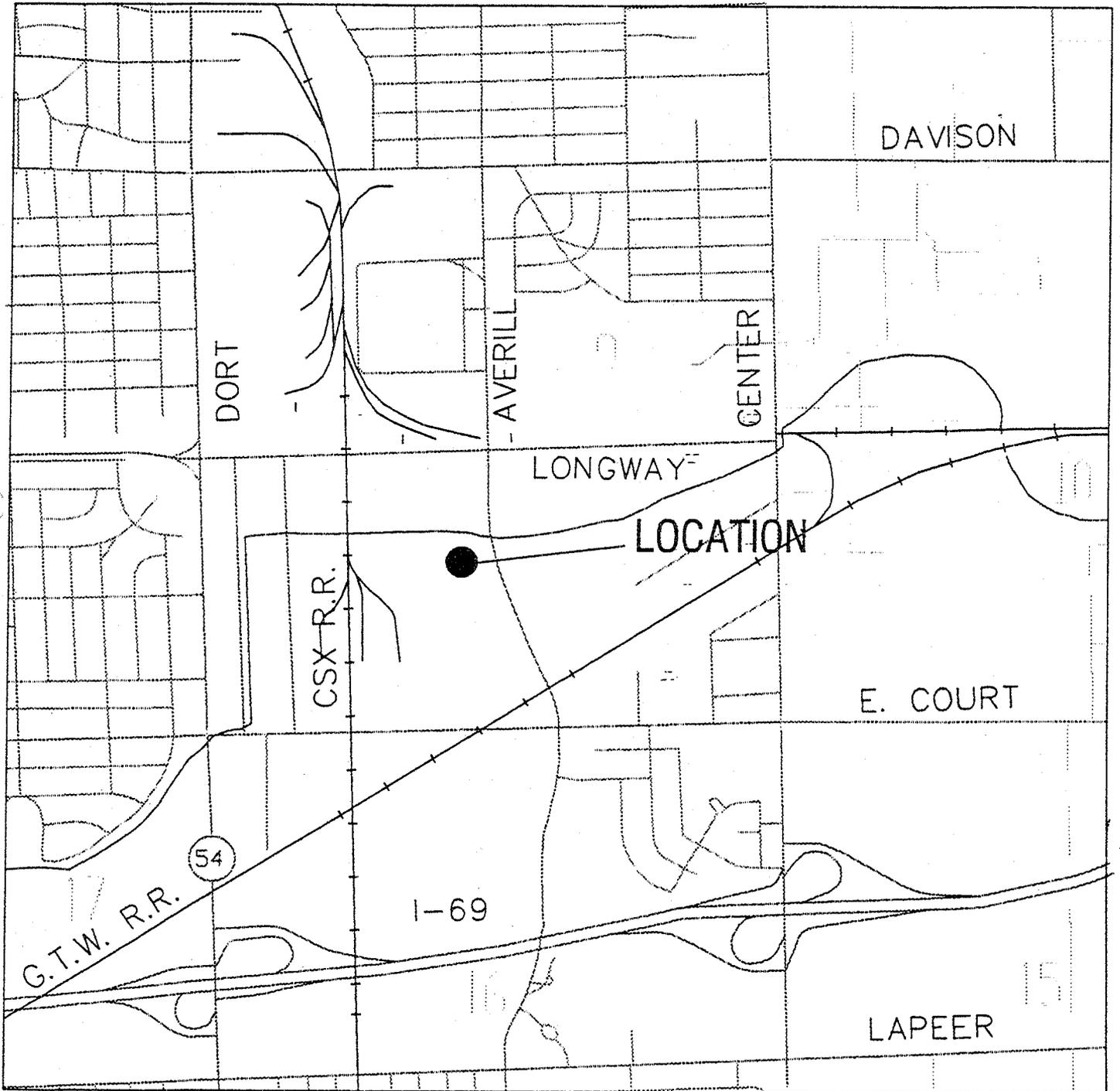
**Genesee Landfill
(Richfield Landfill)**

Type II - Solid Waste



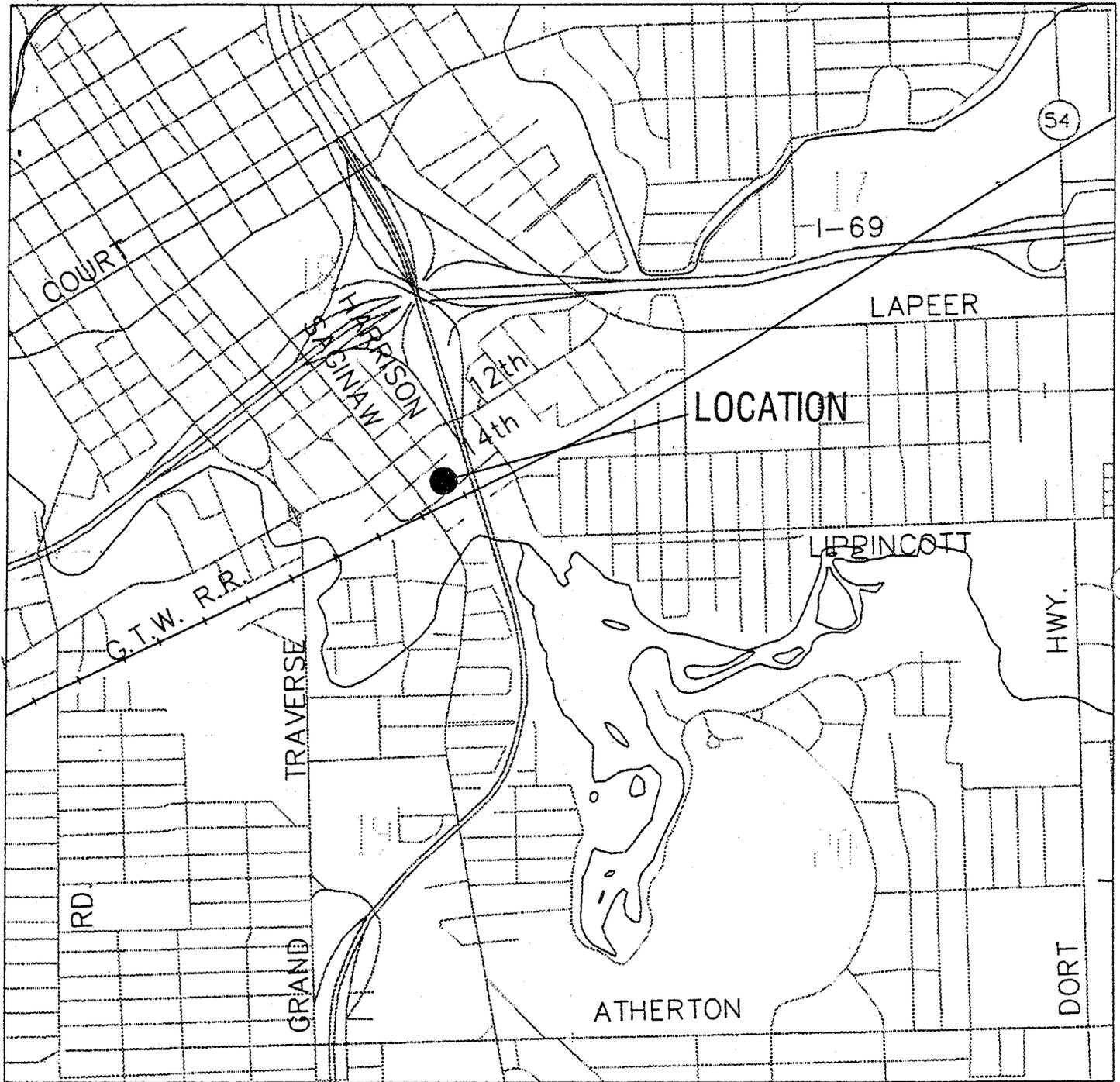
Brent Run, Inc

Type II Sanitary Landfill



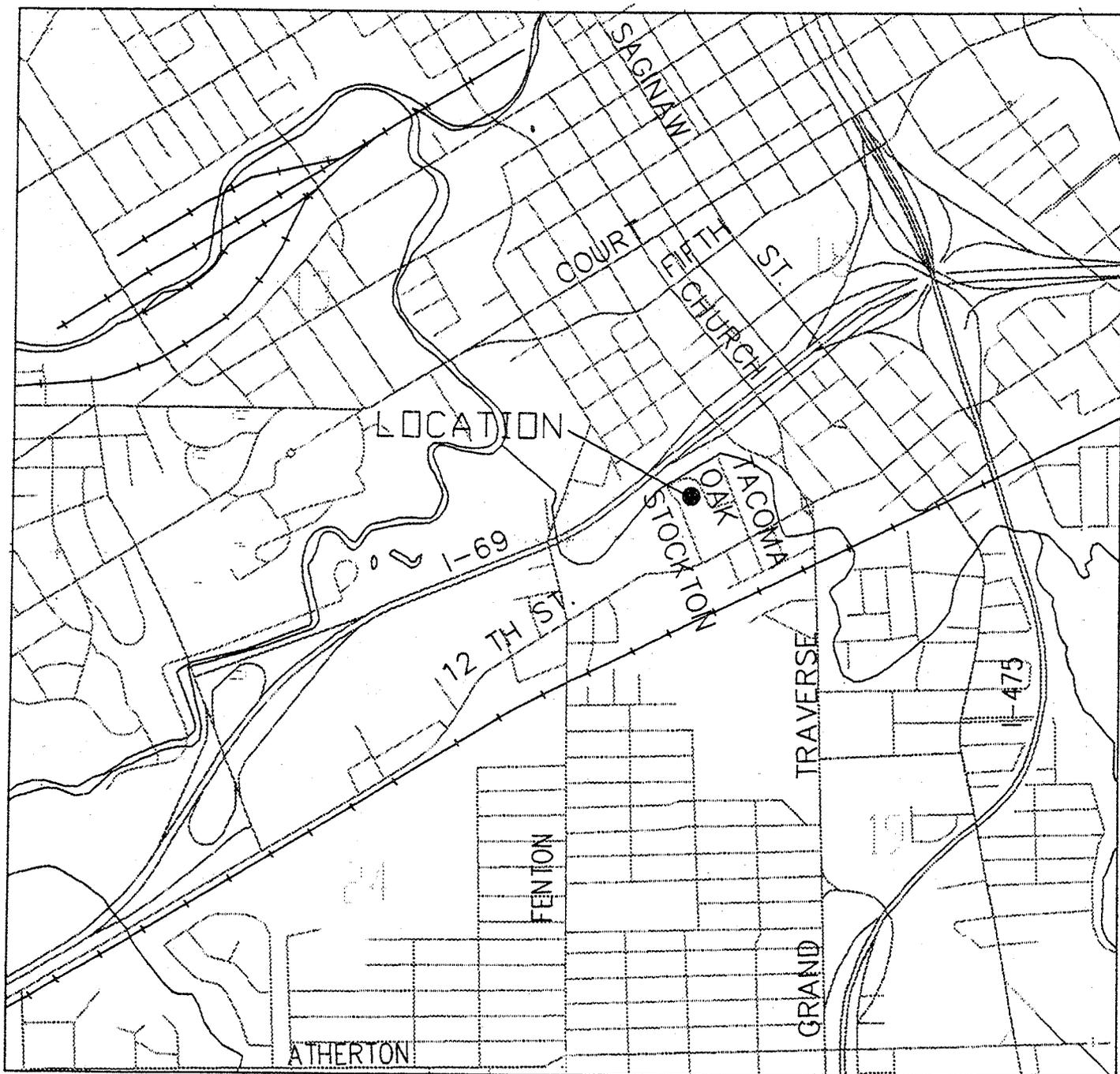
Averill Recycling Inc

Transfer and Recycling
Process Station



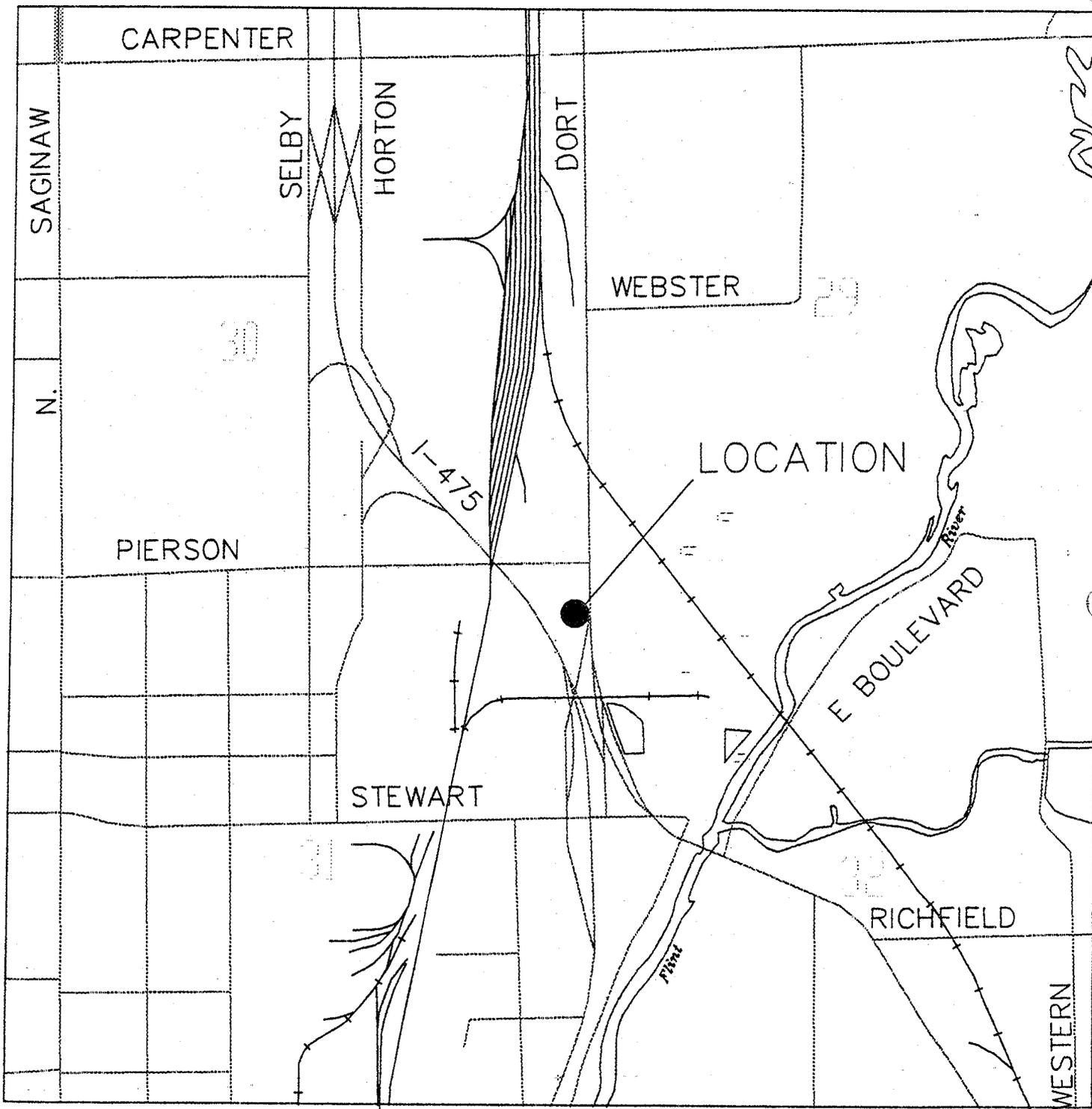
**CBC RECYCLING
PROCESSING FACILITY**

PROCESSING FACILITY



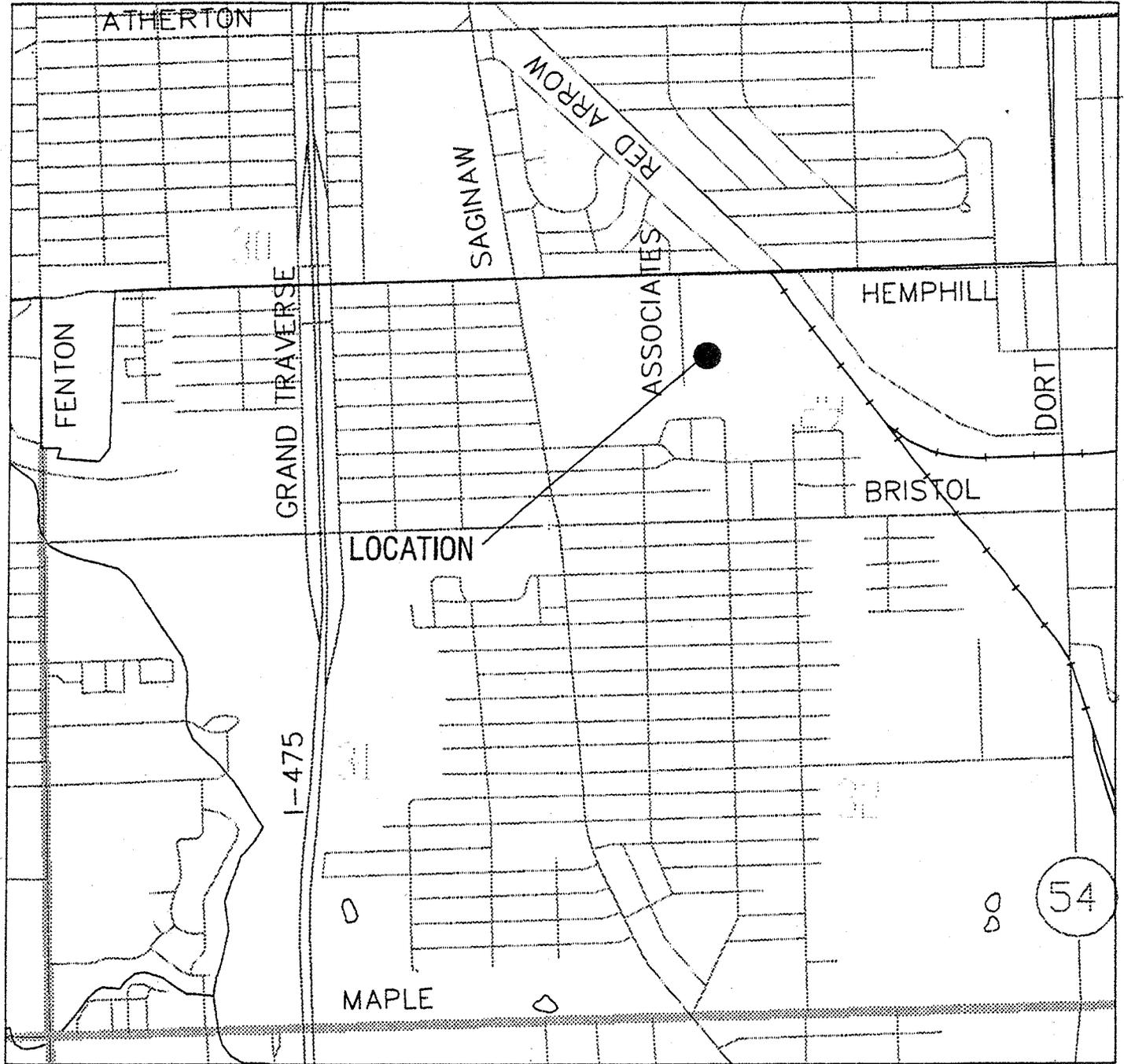
City of Flint Transfer Station

(Proposed) Transfer Station



Resource Recovery of Flint, Inc

Solid Waste Transfer Station and Recycling



**Valley Rubbish
(Valley -1)**

**Solid Waste Transfer Facility
and Processing Plant**