

APPENDICES

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APPENDIX A: ADDITIONAL INFORMATION REGARDING THE SELECTED SYSTEM

EVALUATION OF RECYCLING

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

Detailed Features of Recycling and Composting Programs

The following table shows estimated waste composition and volumes by material type. Nearly all materials in the waste stream are available for recycling or composting, however it is not at this time practical to recycle or compost the entire waste stream in Oakland County.

	Percent of MSW Waste	1998 Tons	2003 Tons	2008 Tons
Newsprint (ONP)	6%	99,707	104,780	108,713
Mixed Office	7%	109,235	114,792	119,101
Old Corrugated Containers (OCC)	17%	275,469	289,483	300,349
Mixed Other Paper	12%	195,144	205,072	212,770
All Metals	6%	100,529	105,643	109,609
All Textiles	2%	40,409	42,464	44,058
All Glass	5%	84,760	89,072	92,415
All Plastic	8%	123,854	130,155	135,041
All Yard Waste	18%	301,915	317,275	329,184
Food Waste	11%	181,346	190,572	197,725
Wood Waste	3%	54,535	57,310	59,461
Misc. Bio-degradable	3%	46,979	49,369	51,222
Misc. Non Bio-degradable	2%	28,746	30,208	31,342
Totals	100%	1,642,627	1,726,196	1,790,991
Construction & Demolition	-	165,035	173,055	179,511
Industrial Special Wastes	-	143,668	131,966	124,342

Program Recovery Estimates (tons per year)

	1998	2003	2008
Drop-off system	19,929	24,401	28,255
Curbside recycling	38,100	56,937	84,766
Commercial recycling	90,819	144,255	217,504
Yard waste	146,879	153,722	157,825
Industrial MSW	14,350	17,928	23,845
Construction/Demolition	22,899	33,616	48,984
Industrial Special Waste Recovery	19,934	25,634	33,930
Total Recovery	353,496	455,493	595,375
% of waste diverted*	18.12%	22.42%	28.42%

***net after inclusion of process residues**

Equipment Selection

The following briefly describes the processes used or to be used to select the equipment and locations of the recycling and composting programs included in the Selected System.

The Selected System is intended to provide waste collection, recycling and composting opportunities throughout the County. Equipment and site selection is based on that intent and the desire for economical and reliable services.

Existing Programs:

Drop-off recycling stations - Equipment at drop-off sites located in Oakland vary by location and operator, which includes both municipal, authority and private operations. In general, municipalities that do not have curbside collection options have made arrangements for provision of some level of drop-off recycling services.

Recycling Processing/Transfer - Two major material recovery facilities operating in Oakland County have been sited by solid waste authorities. Private sector operators also process commercial and industrial recyclables, primarily paper and scrap metals.

Composting - No new equipment is required.

Proposed Programs:

Drop-off recycling stations - The County will assess under-served areas and recommend development of new sites in those regions. Equipment that is compatible with existing programs elsewhere in the County will be evaluated, including roll-off containers that can service rural areas 24-hours per day. Provision of actual service and final site and equipment selection will be undertaken by municipalities and private sector operators.

Curbside/Commercial Collections - Provision of service and final equipment selection will be undertaken by municipalities and private sector operators.

Recycling Processing/Transfer - Equipment selection will be made by private sector operators as the sites identified elsewhere in this plan.

Composting - The County will assess under-served areas and recommend development of new programs in those regions. Provision of actual service and final equipment selection will be undertaken by municipalities and private sector operators.

Site Availability & Selection**Existing Programs:**

Drop-offs - Existing sites will continue to operate.

Recycling Processing/Transfer - The existing sites will remain operational.

Composting - Existing programs will continue to operate as they do now.

Proposed Programs:

Drop-offs - Existing sites will continue to operate. New sites would include underserved areas in the County. Several existing central sites will be evaluated for expansion as "super sites". Additional sites will be added by agreement between local entities and private operators.

Recycling Processing/Transfer - Future improvements will occur on existing site. Two new sites have been identified elsewhere in this Plan.

Composting - New sites would be evaluated to include underserved areas in the County. Additional sites will be added by agreement between local entities and private operators.

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.

Program Name	pH Range	Heat Range	Stability
SOCRRA and other compost sites	pH: 5.0-8.5	140-160 degrees during active composting	Finished compost shall be a mature, stabilized, humus-like material, capable of supporting plant growth with the addition of fertilizers or other soil amendments; should contain less than 1% of plastic, glass, metal and other physical contaminants

Proposed Programs:

Any new compost programs (public or private) should meet the parameters stated above and will be operated according to the recommendations of the guidebook: Best Management Practices for Composting (published by MDEQ 1996).

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 states the ways in which coordination will 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.

Implementation of the selected alternative will be completed in full compliance with the state and federal laws and in coordination with both local and regional public health, planning and environmental agencies. Section III of the Plan provides detail on the Management Component of the Plan as well as Ordinances and Siting Requirements.

The Oakland County Solid Waste Division will have responsibility for program implementation as the designated implementation agency. The County Office of the Executive will oversee the Department. Fiduciary responsibility for the County solid waste management system is shared by numerous entities, including municipal and private sector service providers and waste generators. The County Solid Waste Division will work to track performance against planned milestones contained in both the Solid Waste Plan and in the Implementation Action Plan.

The County will facilitate expansions and improvements in a comprehensive solid waste management system. Participating communities as well as private solid waste management companies will work with the County in developing and operating the selected alternative.

COSTS & 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.

Clean Community:

Program Description	Estimated Costs Per Year	Timeline
Solid waste collection services: provided to all households and businesses in the County. Illegal dumping and litter would be policed with enforcement of violations.	Status quo (residents contract with service provider, or township/ municipality provides collection)	Ongoing
Household hazardous waste collection services: Collection arranged four times per year at a mobile site, with services provided by private vendor.	Variable; average estimated at \$20-\$40 per participant per use and hauler assumes site liability	Ongoing
Adopt a "_____" programs would be organized with volunteers and business/service group sponsorship for periodic cleaning of roadsides, streambanks, lakeshores, parks and forests.	Largely based on volunteer efforts and intergovernmental cooperation	Ongoing

Recycling Incentives:

Program Description	Estimated Costs Per Year	Timeline
Promotion and Education: a range of outreach efforts would support all system programs, including recycling, composting, household hazardous waste collection and businesses waste reduction; county-wide general information campaigns; radio ads, newspaper ads, presentations and public displays	Target range of \$2-\$4 per household per year with costs shared by a range of public, private and County programs	Ongoing
Pay as You Throw (PAYT): residents pay for solid waste collection depending on the volume they put at curb, including option for pay by the bag	Varies by program, with average \$1-\$1.50 per bag (paid by resident); other rates for curb cart service	Ongoing

Residential Recycling:

Program Description	Estimated Costs Per Year	Timeline
<p>Expanded Drop-off Sites: existing drop-off sites would be upgraded to include a wider range of materials; satellite sites would be added where service currently lacking; all County residents and small businesses would have reasonable access; special events collection set up for "arts, eats and beats" and sporting events</p> <p>Recovery Estimate: 10-15,000 tons/year</p>	<p>Servicing: estimated at \$75-\$100 per pull per roll-off container; variable costs for other collection systems;</p> <p>Processing: \$25-45/ton (varies by program and material);</p> <p>Capital: 30-yd-roll-off containers at \$4,500 ea.; site improvements (fencing, signage, additional); 105-gal carts @\$50/ea;</p>	1998-2003
<p>"Super" Drop-off (flagship station): One or more central sites becomes permanent, flagship site with some staffing, added materials such as textiles, batteries, construction and demolition (C&D)</p> <p>Recovery Estimate: 10-15,000 tons/year</p>	<p>Servicing: \$100 per pull</p> <p>Processing: \$30-45/ton</p> <p>Capital: roll-offs @\$4,500 ea.</p> <p>Staffing/cleanup: \$10-\$30,000 per site</p>	2003-2008
<p>Subscription Curbside Recycling: residents in a more urban district would be urged to subscribe for curbside recycling</p> <p>Recovery Estimate: 8,000 tons per year (year one)</p>	\$4-5/hh/month	1998-2003
<p>Contracted Curbside Recycling: all residents in county would receive weekly curbside recycling</p> <p>Recovery Estimate: 20,000 tons/yr (1998) to 50,000 tpy (2008)</p>	\$15-25/hh/year; varies by municipality and type of contract/service provider	Ongoing
<p>Multi-family Recycling: all residents of multi-family housing units (more than 5 units per building) would receive on-site recycling services</p>	<p>Servicing Costs: \$60-100/ton (including collection, processing); variable depending on service provider and type of system</p>	Ongoing

Yard Waste Recovery:

Program Description	Estimated Costs / Year	Timeline
Yard Waste Drop-off Sites: add yard waste collection bins at one or more recycling drop-off sites Recovery Estimate: 2000 tons/year	Servicing: \$10-\$30/ton	1998-2008
Backyard Composting: Composting bins and mulching mower blades would be made available at low cost to residents. Education would focus on alternatives to collecting organic wastes. Target all households in county	Estimated cost of \$1/hhld/per year	1998-2008
Seasonal Collection of Yard Waste: all residents in the County would have weekly pick-up of leaves, grass and brush by a contractor or municipal crew during the growing season	\$1-\$2/bag paid by resident to cover collection costs, or through municipal contract	1998-2008
Yard Waste Processing: development of compost processing site(s) as needed to process/prepare finished compost from underserved parts of the County and from landscapers, businesses and other yard waste generators	Range of \$20-25 per ton capital/operating, depending on equipment, size of site, technology	1998-2008

Commercial Recycling:

Program Description	Estimated Costs / Year	Timeline
Expanded Commercial OCC/paper routes/industrial recovery: development of a service district, with "bundled" contracted service would lure service provider to bid on coordinated route to service multiple businesses with curbside, bins, bags and/or other system; education effort to encourage other commercial/industrial recovery; Recovery Estimate: 5-10,000 tons/year	\$60-80/ton (collection and processing costs)	2000-2008
Construction and Demolition Recycling: includes drop-off opportunities for public and private waste generators	\$250,000-\$750,000 for capital; \$30-\$70/ton operating costs	2000-2008

Solid Waste Transfer:

Program Description	Estimated Costs / Year	Timeline
Addition of solid waste transfer capabilities (Type A) will be evaluated for future options	variable	1998-2008

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 this system:

ADVANTAGES AND DISADVANTAGES OF THE SELECTED SYSTEM:

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

ADVANTAGES:

1. Increased waste reduction goals will reduce the amount of waste which needs to be transported to and disposed in landfills both inside and outside of the County.
2. Provision of new solid waste transfer options expands the range of disposal facilities available for Oakland County waste.
3. Greater emphasis on recycling and waste reduction will help meet the requirements for minimum basic programs that are expected to be imposed by other counties to which Oakland County waste is exported.
4. Clean community and education/promotion create stronger interest in responsible practices
5. Illegal dumping activity minimized
6. Some small quantity unregulated hazardous wastes diverted from landfill disposal
7. Recycling/composting starts to become the dominant method of waste management
8. Organics management system is an effective alternative to landfilling
9. Recycling processing/marketing system has very strong foundation
10. Less reliance on landfills for disposal especially with increase of commercial/C&D recycling
11. Reduced overall solid waste collection costs begin to be realized

DISADVANTAGES:

1. Small quantity unregulated hazardous wastes still not fully addressed.
2. Landfilling still dominant form of waste management
3. System costs may not yet be optimized despite increased recovery
4. System costs increase as new recovery programs added, and as waste is transferred to more distant disposal facilities.

APPENDIX B: ADDITIONAL INFORMATION REGARDING THE 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.

Oakland County evaluated waste management components on a continuum—from a base service level to very aggressive recovery—that were defined by level of recovery and complexity of implementation.

Oakland County evaluated its current achievements and goals for improved future solid waste management against these benchmarks.

SYSTEM COMPONENTS:

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

Numerous management components and alternatives have been examined during Oakland County's continued study of solid waste management systems. As outlined in Attachment H (*Background Report: Oakland County Solid Waste Plan Data*) and as contained within detailed planning records, prior program directions were generally based upon proposed cooperative efforts by the County's municipalities to minimize the continued reliance upon landfills for the disposal of wastes. Individually, the municipalities were viewed for being too small to sustain independent approaches toward cost-effective solutions. Additionally, it was determined that with a common approach shared by all, public acceptance of specific program elements could be maximized.

Each of the historical studies included detailed analysis of several volume reduction alternatives and system components. These included such elements as incineration and waste-to-energy disposal utilizing such approaches as mass burn and refuse derived fuel systems; the use of other energy recovery technologies including pyrolysis systems, multiple hearth furnaces, fluidized bed combustion systems, suspension-fired waterwall and anaerobic digestion systems; coincineration of wastes with sanitary sewerage treatment sludges as well as several non-energy recovery volume reduction technologies such as baling, shredding, high density compaction, composting and chipping of the waste stream.

The alternative systems and system components were evaluated based upon technical feasibility, economic feasibility, access to sufficient land and facilities, the sufficiency of the transportation system, analysis of energy consumption and the potential for production of energy from the waste stream, environmental impacts, public health impacts, and upon the perceived public acceptability of the proposed alternative systems. Based upon these evaluations and subsequent rankings, specific programs were selected for implementation.

Although the details of each system selected for implementation as a result of the several studies were different, the basic approach for each remained essentially constant. Each study suggested that programs focusing upon incineration of the waste stream would be the most effective way to minimize the amount of required future landfill capacity. Each succeeding study

placed more emphasis upon treatment of the waste stream prior to incineration. Ultimately, the proposed system included extensive volume reduction programs involving recycling and yard waste composting, included pollution prevention programs such as cleansing the stream by the removal of household hazardous wastes, and included the recovery of energy from the incineration process.

The proposals each included high standard, high volume, publicly sponsored handling, processing and disposal facilities. The success of these programs essentially depended upon the ability of the County to create a combination of a sufficient number of the County's municipalities (currently 61 cities, townships and villages exist) with a sufficiently large waste stream to justify the sale of bonds to finance the construction and operation of such a system. In the most recent implementation effort begun in the late 1980's, financing of the proposal utilized municipal control of the streets and highways as the basis for flow control arrangements wherein each municipality would direct the waste stream generated within its boundaries to system facilities as long as bonds remained payable. All costs of the system ranging from bond payments to ongoing operational costs would be recovered from system tipping fees. Essentially, the program would be funded by ongoing revenues.

Efforts to implement a countywide solid waste management system in Oakland County have not proven successful, principally because of a general lack of agreement among the County's 61 municipalities on a variety of issues. These have included such items as management authority and responsibility, economics, environmental concerns, and facility locations. Considerable public concern on environmental issues relating to air pollution from incineration facilities played a major role in defeating the massive implementation effort launched in 1988. This ultimately occurred even after the County's electorate approved the sale of up to 500 million dollar in bonds at the full faith and credit of the County in late 1991. Underlying public perceptions on the subject of waste incineration combined with dramatically low prices for the continued landfilling of wastes basically set the basic course for the future. U.S. Supreme Court decisions on flow control issues made the subject of financing of such solid waste management system facilities on the basis of long-term commitments of the waste stream rather doubtful.

In late 1993, after gross expenditures in excess of 15 million dollars, the Oakland County Board of Commissioners formally abandoned its attempts to assemble a sufficient number of municipalities together to warrant the implementation of the proposed system. Generally, the majority of the municipalities had chosen to continue with the existing level of solid waste services provided in their municipalities.

Although the several implementation efforts did not result in establishment of a county-wide management system, the extensive publicity given to the many planning efforts and well as the serious consideration given by the municipalities to the several specific proposals have produced many positive results. For example, the communities within the southeast and southwest portions of the County successfully established two solid waste management authorities. The Southeastern Oakland County Resource Recovery Authority (SOCRRA) was initially formed in 1951 prior to official records of countywide planning efforts but following extensive study and analysis by the municipalities. The Resource Recovery and Recycling Authority of Southwest Oakland County (RRRASOC) was formed in 1989. SOCRRA initially constructed and successfully operated incineration, transfer and landfill facilities. The incineration and basic landfill operations are no longer maintained although the landfill site is presently operated as a major yard waste composting facility. These two agencies currently join some 20 municipalities (having nearly 47% of the County's population within their jurisdictions) into substantial and continuing cooperative efforts. The principal focus of the offered programs

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are the residents of single family homes which represent approximately 79% of the authorities' total population. These programs include recycling, composting, household hazardous waste collection programs, recyclable material drop-off collection points, recyclable material recovery facilities, transfer station facilities, and more. Other communities have adopted similar approaches to achieve reductions in the waste stream and the private sector service providers have offered such programs to their subscription customers. Additionally, due to increased public awareness of environmental issues and because of intensified national and state waste regulations, the industrial and commercial waste generators have contributed greatly towards pollution prevention by a general cleansing of the waste stream generated. Michigan's adoption of legislation banning the disposal of yard wastes in landfills since 1995 has resulted in the successful composting of this resource and quickly produced a significant reduction of materials landfilled. In Oakland County, it is calculated that a reduction in the waste stream of nearly 7.5% occurred because of the yard waste program.

As a result of the 1990 Plan Update effort by Michigan's 83 counties, a considerable amount of additional landfill capacity was sited and in southeast Michigan, a highly competitive, landfill market developed. Today, landfill operating capacity far exceeding southeast Michigan's daily needs is offered, principally by private sector facility operators. This has resulted in continuous heavy competition for the available waste stream and in low disposal tip fees. Tip fees charged in 1999 are substantially less than those charged in 1990. As a result of capacity availability and low tip fees, considerable out-of-state wastes are imported into this market. In spite of the large volume of wastes being handled, at least one lower volume landfill facility has been shuttered to maximize operating economics for the parent company. Thus ongoing operational economics are a continuing major issue.

The present Plan Update effort reviewed and examined each of the approaches previously studied, the economics involved in the development of new systems, and further examined the existing facilities, capabilities, and successes being achieved by the private sector service providers. Generally, it has been concluded that the existing free market has the capability to provide service levels that are both cost-effective and environmentally sound and that the existing free market has sufficient disposal facility capacity available (landfill facilities that are existing, proposed and/or contemplated) to meet Oakland County's needs.

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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 required 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:

Following is 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.

Oakland County's Solid Waste Planning Department and the Solid Waste Planning Committee complied with all requirements for public participation and approval at all times, documented in the attached materials following this section. Agendas were mailed to all committee members, and to the chief elected official of each city, township and village in the county ten days prior to each meeting, and to all persons/agencies requesting information on the solid waste planning process. All meetings were duly posted, and a public comment period was listed on each agenda.

Throughout the time period of meetings of the Solid Waste Planning Committee, a mailing list of more than 235 people was maintained for distribution of meeting notices and other information. This included all municipal managers, regional planning agencies, adjacent counties and all other interested parties.

The Plan for the public comment period was approved by a majority of the committee in May of 1999 and the Public Comment Period was initiated on June 14, 1999, and closed on September 25, 1999. Notices were published in area newspapers (Daily Tribune, Detroit Free Press, Holly Herald, The Oakland Press, nine of the various Observer and Eccentric newspapers, and the Spinal Column). The Public Hearing was held on September 16 1999. A transcript was prepared and accepted by the Committee. Minutes have been attached at the end of this section. The Public Hearing was announced in local newspapers as required. The Solid Waste Committee met on October 21, 1999 and amended and approved the draft plan. The revised Plan was presented to the County Board of Commissioners on June 15, 2000, and approved by unanimous vote. The Plan will be released for municipal approval the week of August 1.

PUBLIC COMMENT PERIOD INPUT:

Numerous comments were received during the Public Comment Period. A list of individuals and organizations that had made comments follows, along with a summary of the County's responses.

PLANNING COMMITTEE APPOINTMENT PROCEDURE:

Solid Waste Planning Committee members were nominated to and appointed by the Board of Commissioners to meet the requirements of Part 115 rules for representation. When members resigned, new members were sought and duly appointed.

PLANNING COMMITTEE

Committee member names and the company, group, or governmental entity represented from throughout the County follow.

Oakland County Solid Waste Planning Committee

Four representatives of the solid waste management industry:

Mike Csapo, RRRASOC
Robert Leininger, Waste Management
Dick Padlo, PMDS
Thomas Waffan, SOCRRA

One representative from an industrial waste generator:

vacant

Two representatives from environmental interest groups from organizations that are active within the County:

Timothy Carpenter, EMEAC
Dawn Furlong, VOCAL

One representative from County government.

Sue Ann Douglas, Commissioner

One representative from township government:

Jill D. Bastian, Township Clerk

One representative from city government:

Nancy Bates, City Council Member

One representative from the regional solid waste planning agency:

Ardath Regan, AWQB Chairperson; SWPC Chair

Three representatives from the general public who reside within the County:

Loyola Koch, Clarkston
Patrick Kresnak, Auburn Hills
Mary Ann Ryan, Orion Township

Elected Official's Designees

William R. Patterson, Commissioner
Thomas Biasell, Public Services Director
Robert DePalma, Township Supervisor

Oakland County Solid Waste Planning Committee

1999 Solid Waste Management Plan Update

Attendance Record

Member Name	Category	# 1 10-23-97	# 2 11-20-97	# 3 1-15-98	# 4 2-19-98	# 5 5-21-98	# 6 7-18-98	# 7 10-15-98	# 8 11-19-98	# 9 1-21-99	# 10 4-22-99	# 11 5-20-99	DPA Public Hearing 9-18-99	# 12 10-7-99	# 13 10-21-99	# 14 5-4-2000	Attendance Summary
Bates, Nancy	Elected City Official	D	D	D		D	D	D	D	D	D	D	D	D	D	D	93.33%
Bastian, Jill	Elected Twp. Official	X	X	X	D	X	X	X	X	X	X	X	X	X	X	X	100.00%
Carpenter, Timothy	Environmental	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	80.00%
Csapo, Mike	Solid Waste Industry	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	93.33%
Douglas, Sue Ann	County Commissioner	P	P	D	P		X	X	X	X	X	X	X	X	X	X	93.33%
Furlong, Dawn	Environmental	X			X	X		X	X	X		X	X	X	X	X	86.67%
Koch, Loyola	General Public	X	X		X	X	X		X	X	X		X	X	X	X	73.33%
Kresnak, Patrick	General Public		X	X		X	X		X	X		X	X	X	X	X	66.67%
Leininger, Robert	Solid Waste Industry	X				X		X	X	X	X	X	X	X	X	X	66.67%
Padlo, Dick	Solid Waste Industry		P	P			X	X	X	X	X	X	X	X	X	X	80.00%
Regan, Ardath	SEMCOC	X	X		X	X	X	X	X	X	X	X	X	X	X	X	86.67%
Ryan, Mary Ann	General Public	X	X	X		X	X	X	X	X	X	X	X	X	X	X	80.00%
Waffen, Thomas	Solid Waste Industry	X	X	X	X		X	X	X	X	X	X	X	X	X	X	93.33%
vacant	Industrial Generator																0.00%

Members Attending

11 10 10 8 9 10 9 13 13 9 12 10 13 12 12 10.73

Elected Official's Designees

Member	Designee	Date	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	# 14	
Bates	Biasell, Thomas	10-13-97	D	D	D		D	D	D	D	D	D	D	D	D	D	
Bastian	DePalma, Robert	11-12-97		X	X	D	X	X	X	X	X	X	X	X	X	X	
Douglas	Patterson, William	10-16-97 & 3-18-99			P			P			X	X	X	X	X	X	
Total, Members and Designees			11	11	11	8	10	12	10	14	13	11	13	12	15	14	14

Average/Meeting

Attendance by the Public

Approximate number in audience

10 10 10 10 10 10 10 30 10 7 8 10 18 18 19 12.67

Legend: X - indicates attendance
P - indicates attendance by predecessor
D - indicates representation by Designee

Notes: SWPC Members originally appointed to two year terms ending on October 11, 1999 by the Board of Commissioners on October 9, 1997.
Sue Ann Douglas was appointed by the Board on June 11, 1998 to replace Dennis Powers who had been appointed to the 52nd-1st Div. District Court.
Dick Padlo was appointed to replace Yale Levin by the Board of Commissioners on July 16, 1998.
All SWPC Members were reappointed to two year terms ending on October 11, 2001 by the Board of Commissioners on September 9, 1999.

RJS, PE
06/22/2000

PUBLIC INVOLVEMENT PROCESS - CHECKLIST

Public participation is a vital element in the preparation of a Plan which will be acceptable to the county and provide the best selection of a waste management system.

Completion of the following checklist indicates Oakland County's compliance with the Act/Rules.

- | | | |
|--------------------------------------|----|---|
| <input checked="" type="radio"/> Yes | No | Opportunities for public participation were provided as required per act/rules. |
| <input checked="" type="radio"/> Yes | No | The DPA conducted a public participation program to encourage public and municipal participation and involvement in the development and implementation of the Plan. |
| <input checked="" type="radio"/> Yes | No | The DPA maintained a mailing list of all municipalities, affected public agencies, private sector, and all interested persons who requested information regarding the Plan. |
| <input checked="" type="radio"/> Yes | No | The DPA notified by letter, each chief elected official of each municipality and any other person so requesting within the county at least ten days before planning committee's public meeting. |
| <input checked="" type="radio"/> Yes | No | Public meetings had time for questions and comments from the general public. |
| <input checked="" type="radio"/> Yes | No | Public meetings were scheduled at convenient times for public. |
| <input checked="" type="radio"/> Yes | No | The DPA held public meetings with planning committee at least quarterly during Plan preparation. |
| <input checked="" type="radio"/> Yes | No | The DPA maintained at least one central repository where all documents related to the Plan could be inspected by the public. |
| <input checked="" type="radio"/> Yes | No | The DPA allowed a period of at least three months for review and comment on the proposed Plan following authorization by the planning committee for public review. A copy of the proposed Plan was sent to the Director, to each municipality, to adjacent counties and municipalities that may be affected by the Plan or which have requested the opportunity to review the Plan, and the designated regional solid waste management planning agency for that county. |
| <input checked="" type="radio"/> Yes | No | All of these comments were submitted with the Plan to the governmental unit that filed notice of intent. |
| <input checked="" type="radio"/> Yes | No | A notice was published at the time the Plan was submitted for review under Sec. 11535(d) as to the availability of the Plan for inspection or copying. |
| <input checked="" type="radio"/> Yes | No | The DPA held a public hearing on the proposed Plan during the public comment period. |
| <input checked="" type="radio"/> Yes | No | The DPA published notice in a paper with major circulation in the county not less than 30 days before such hearing, which included a location where the public could inspect copies of the Plan and the time and place of the public hearing. |
| <input checked="" type="radio"/> Yes | No | The DPA prepared a transcript, recording or other complete record of the public hearing proceedings, and this record could be copied or inspected by the general public upon request after the public hearing. |
| <input checked="" type="radio"/> Yes | No | If necessary, the DPA revised the Plan in response to public hearing comments and then submitted the Plan to the planning committee. |
| <input checked="" type="radio"/> Yes | No | A listing of the meeting locations and dates, along with a copy of the dated notice as published in the newspaper is included in Appendix C. |
| <input checked="" type="radio"/> Yes | No | Record of attendance at public meetings included in Appendix C |
| <input checked="" type="radio"/> Yes | No | Record of citizen concerns and questions included in Appendix C |

**NOTICE OF PUBLIC HEARING
1999 SOLID WASTE MANAGEMENT PLAN UPDATE
COUNTY OF OAKLAND**

**TO ALL ELECTORS AND TAXPAYERS
OF THE COUNTY OF OAKLAND AND
OTHER INTERESTED PARTIES**

NOTICE IS HEREBY GIVEN that pursuant to Section 11535 of Part 115 of Act 451 of the Public Acts of 1994, as amended, a Public Hearing will be held at 7:30 p.m. on September 16, 1999 in the County Commissioners' Auditorium at 1200 North Telegraph Road, Pontiac, Michigan, to receive public comment concerning the proposed 1999 Solid Waste Management Plan Update.

Copies of the proposed plan update documents were provided to the chief elected official in each city, village and township in Oakland County on or about June 18, 1999. Copies of the proposed plan update are also available for inspection in the first floor library of the County Courthouse's West Wing Extension (Bldg. #14 East) at 1200 North Telegraph, Pontiac, Michigan; at the County Clerk's Office, 1200 North Telegraph Road, Pontiac, Michigan; and at the Solid Waste Planning offices located on the second floor of the Public Works Building (Bldg. #95 West) at One Public Works Drive, off Watkins Lake Road west of Telegraph Road on the County Service Center properties in Waterford Township, adjacent to 1200 North Telegraph Road, Pontiac, Michigan. Copying, at cost, of the document and supporting documentation is available at the Solid Waste Planning offices. Full copies of the proposed plan update may be purchased at the Solid Waste Planning office upon remittance of \$3.25 plus postage if mailing is required.

The public comment period (for consideration by County staff and the Solid Waste Planning Committee) ends with receipt of verbal comments at the public hearing on September 16, 1999, with the receipt of written comments by the close of the business day on September 24, 1999, and with the receipt of mailed comments which were postmarked no later than September 25, 1999. After September 25, 1999, County staff and the Solid Waste Planning Committee will consider the comments made or received and adjust the proposed plan update as may be appropriate prior to making their final recommendations to the Board of Commissions on or before October 25, 1999. The Board of Commissioners will consider the final recommendations on the plan update at public meetings during the month of November, 1999. Additional public comments on the final recommendations may be made directly to the Board of Commissioners. For further information, call 248-858-1352.

**L. BROOKS PATTERSON
COUNTY EXECUTIVE**

**SEND WRITTEN COMMENTS TO:
SOLID WASTE PLAN UPDATE
ONE PUBLIC WORKS DRIVE
WATERFORD, MICHIGAN 48328-1907**

**DATED: AUGUST 6, 1999
PUBLISHED: AUGUST 12, 1999**

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Oakland County Solid Waste Management Plan Update - 1999

Written Comments Received In Response to the Draft Plan Update Dated June 14, 1999 and Postmarked no Later than September 25, 1999

<u>Item Number</u>	<u>Date Received</u>	<u>Document Date</u>	<u>Source</u>	<u>Comment</u>
1	August 6, 1999	July 30, 1999	Holly Disposal by Susan J. Sadler Dawda, Mann, Mulcahy & Sadler, P.L.C. Attachment from Conestoga-Rovers & Associates	
2	August 11, 1999	July 19, 1999	City of Pontiac by Walter Moore, Mayor	Postmarked August 10, 1999
3	September 3, 1999	September 2, 1999	Michigan Waste Industries Association by Jeffry L. Woolstrum Honigman, Miller Schwartz and Cohn	
4	September 15, 1999	September 3, 1999	City of Royal Oak by Dennis G. Cowan, Mayor Resolution attached	
5	September 16, 1999	September 16, 1999	City of Madison Heights by Gary R. McGillivray, Mayor	Hand delivered at hearing
6	September 16, 1999	September 13, 1999	Charter Township of Orion by Collette, M. Dywasuk, Supervisor	Hand delivered at hearing
7	September 24, 1999	September 24, 1999	Conestoga-Rovers & Associates Frederick (Rick) A. Mosher	
8	September 27, 1999	September 22, 1999	City of Pontiac by Walter Moore, Mayor	
9	September 27, 1999	September 23, 1999	Holly Disposal, Inc. William H. Leoni, Sr.	
10	September 27, 1999	September 23, 1999	SOCRRA Madison Heights Site Peter A. Letzmann	
11	September 27, 1999	September 24, 1999	East Central Michigan Planning & Development Regional Commission DPA for Sanilac County Douglas A. Bell, AICP	
12	September 27, 1999	September 25, 1999	Madison Heights Resident Jack Widger	
13	September 27, 1999	Undated	Birmingham Recycling Committee Mark Sayers, Chair	
14	September 28, 1999	September 24, 1999	Dawda, Mann, Mulcahy & Sadler, P.L.C. Susan J. Sadler	

09/30/99
RJS, PE

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Response to Public Questions and Concerns
Public Comment Period
Oakland County Solid Waste Management Plan Update - 1999

Oakland County's Solid Waste Planning Committee authorized the release of the draft 1999 Solid Waste Management Plan for public comment at its meeting of May 20, 1999. The draft was assembled and printed with a cover date of June 14, 1999. Copies of the document were transmitted to the County's 61 municipalities, the Michigan Department of Environmental Quality, all contiguous counties and other interested Michigan counties, the Southeast Michigan Council of Governments and to other interested parties along with a cover letter dated June 18, 1999. Three copies of the draft plan document were transmitted to each of the municipalities and they were requested to place a copy of the draft plan document within their library collection for public inspection. The cover letter indicated that a public hearing would be held on September 16, 1999 and that the comment period would extend through receipt of written comments postmarked no later than September 25, 1999.

Notices of document availability were published on or about June 12, 1999 in the Daily Tribune, the Detroit Free Press, the Holly Herald, the Oakland Press, the nine various Observer and Eccentric Newspaper editions that are distributed throughout Oakland County and in the Spinal Column. On or about August 12, 1999, the public hearing date was again announced in a series of formal notices in the same newspapers and one week prior to the public hearing, all parties originally notified of the public hearing period were again reminded by letter that the public hearing was scheduled.

On September 16, 1999, the public hearing (conducted by the Designated Planning Agency) was held in the Commissioners Auditorium at 1200 North Telegraph in the City of Pontiac. A majority of the Solid Waste Planning Committee and designees was in attendance although no formal meeting of the Committee was held. Twelve members of the public also attended the meeting and three chose to make public comment. In total, 27 persons were in attendance at the public hearing, 12 interested citizens, 12 SWPC members and designees and 3 staff. A transcript of the public hearing is appended to this document.

Fourteen sets of written comments on the draft Solid Waste Management Plan Update postmarked no later than September 25, 1999 were received from twelve parties on seven subjects and copies of these are also contained within this document. Each of the three subjects addressed at the public hearing were also covered by the written material.

Following is staff's response to the questions and concerns raised during the public comment period.

Michigan Waste Industries Association (written comments dated September 2, 1999): The Michigan Waste Industries Association (MWIA) issued a generic series of comments about the plan update process to all of Michigan's 83 counties in a letter dated September 2, 1999. The comments were not based upon a specific review of the Oakland County draft document. They requested that inasmuch as MDEQ can no longer issue conditional approvals of solid waste management plans, that plan provisions which were adverse to their written positions either be eliminated from the document or that written response to their concerns be placed in the Plan's appendix. They suggested that if this was not accomplished, the plan would not be approved or perhaps approval would be challenged. Following are Oakland County's written responses.

Permissible contents of county solid waste management Plans.

MWIA maintains that Part 115 of Act 451 of 1994 as amended must clearly authorize each provision included in the plan and those provisions incorporated by reference into the plan. If other provisions are included within the document, the MDEQ must deny approval of the plan. The Oakland County plan is properly drawn.

Disposal Fees.

MWIA maintains that a county may not require the payment or collection of fees as part of a plan. Based upon current Michigan Supreme Court rulings, Oakland County disagrees. However, such requirements are not contained within the Oakland County document.

Operating Criteria.

MWIA maintains that the plan may not contain operating criteria or regulate the day to day operations of a disposal area. Oakland County generally agrees with this position. However, there are numerous types of disposal areas and some may be designated with the recognition of purposefully clear prior understandings of operational limitations. The disposal area designation may well contain these voluntary limitations. Oakland County recognizes the many specific potential facility nuisances, which are explicitly authorized for regulation by local ordinance.

Mandated Recycling.

MWIA maintains that the plan documents may not mandate a quota on the volume of solid waste that must be recycled. Oakland County disagrees with MWIA although the document does not propose such mandated quotas.

Mandated Data Collection.

MWIA maintains that a plan may not require disposal area operators to collect and report data concerning the volume of waste that is handled. Oakland County disagrees with MWIA although the document does not propose such requirements.

Preservation of More than 10 Years of Capacity.

MWIA maintains that once a plan demonstrates that access to 10 years of disposal capacity exists, a county has no legitimate interest in preserving additional disposal capacity by restricting or prohibiting the importation of out-of-county waste. Oakland County disagrees. However, the draft plan update document does not provide restrictions upon the import or export of wastes that change over time.

Volume Restrictions.

MWIA maintains that a plan cannot impose volume restrictions upon a disposal area during any given time period. Oakland County believes that such restrictions are legitimate candidates for potential inclusion within voluntary host community agreements which could be included and enforceable within a plan.

Identification of Specific Disposal Areas.

MWIA maintains that restrictions within plan documents on the import or export of wastes can be imposed only at a county level, not at a facility level. The documents do not contain such restrictions.

Restrictions on Special Waste.

MWIA maintains that a plan may not restrict the importation of specific types of solid waste with the possible exception of municipal solid waste incinerator ash. Oakland County generally disagrees. However, the documents do not contain such restrictions.

Enforcement by Uncertified Health Department.

MWIA maintains that enforcement or inspection of solid waste operations or facilities by uncertified health departments may not be contained within solid waste management plans. Oakland County does not propose such enforcement efforts.

Transporter Licensing.

MWIA maintains that solid waste management plans may not impose a county-wide licensing requirement on solid waste transporting units. Based upon current Michigan Supreme Court rulings, Oakland County disagrees. However, such requirements are not contained within the Oakland County document.

Severability Clause.

MWIA maintains that solid waste management plans are not severable. Oakland County disagrees. To the extent that some portion of a plan is declared unlawful or invalid and county properly engages in the process to amend the plan to deal with the invalid provisions, all other elements of the approved document remain in effect.

Holly Disposal, Inc. (Written comments from Susan Sadler of Dawda, Mann, Mulcahy & Sadler, P.L.C. dated July 30, 1999 and dated September 24, 1999; from William H. Leoni, Sr. for Holly Disposal dated September 23, 1999; and from Frederick A. Mosher of Conestoga-Rovers & Associates dated September 24, 1999 (which material was a redraft of an undated attachment to the 7/30/99 Sadler material) as well as testimony given at the September 16, 1999 public hearing by Susan Sadler):

The material following first addresses the comments of the proposed facility owner and then the comments of the legal and engineering representatives .

1. The ten year planning period is measured from the actual date that the MDEQ Director approves the update documents. Care must be taken to demonstrate disposal capacity to some point beyond the potential approval date. Oakland County agrees.
2. The fourth paragraph on Page IV - 7 indicates that no facility proposals were received in that period from the 1994 plan amendments through the summer of 1998. This might lead to the impression that no proposals were considered for a new landfill during the Committee's deliberations. During the fall of 1998, five facility proposals were received and considered by the Solid Waste Planning Committee (SWPC). Three of the proposals were authorized for inclusion in the public comment draft and two were not (a Type II landfill proposal and a transfer station proposal).
3. A complaint was registered that the draft update should have reflected on the Type II landfill proposal as it was the only landfill proposal on the table. Additionally, a claim was made that the proposal would have sufficient in-county capacity for the entire planning period. Further, it was requested that the record include why the proposal was rejected and finally, even if the proposal had been rejected, an economic evaluation should have been made. The SWPC essentially found that the proposal failed to meet the minimum criteria for landfills contained within the interim siting mechanism as adopted in the 1994 plan amendments. Questions were raised about the capacity proposed and an economic review was not contemplated since the proposal was simply unacceptable. Minutes of the November 19, 1998 SWPC meeting offer additional detail.
4. Additional details of the rejected landfill proposal were offered for the record. It should be pointed out that even with new stipulations added to the original proposal, the proposal fails to meet or exceed the minimum criteria previously outlined.

The remaining comments deal with issues raised by the legal and engineering representatives of the Holly Disposal, Inc. proposal focusing principally upon the outline of concerns contained at the close of the verbal comments of Susan Sadler at the September 16, 1999 public hearing. This approach attempts to simplify the bundle of duplicated or redrafted submissions by these parties.

5. The update fails on several counts. First, the document does not identify that a landfill proposal was made to the Committee. This record and the minutes of the SWPC meetings adequately establish that a proposal was received, considered and rejected.

6. Second, the update fails to reference a proposal that would have reduced disposal costs. The proposal was unacceptable and any claimed savings are therefore questionable.

7. Third, the update must use accurate population growth rates. The update is based upon the SEMCOG Regional Development Forecast projections. All previous planning documents have used similar projections and such projections are widely accepted.

8. Fourth, the update must make calculations based on waste volumes and realistic recycling scenarios. Additionally, the calculations must consider imports from other waste generation points into disposal facilities located in Oakland County. The waste stream projections after current volume reduction efforts contained within the plan documents nicely match the observed waste stream reported by the operators of Michigan's landfills. Details of this match were described within the documents on Pages IV - 15 through IV - 17. The presently observed volume reduction levels of approximately 18% are used when examining disposal needs over the short term and the volume reduction goal of 30% is used in the best case analysis scenarios. All of the disposal capacity availability work contained in the plan documents is based upon imports into Oakland County disposal facilities at a rate of 25% of the available in-county capacity. Oakland County believes that the assumptions and material used is reasonable.

9. At the conclusion of the presentation of the four counts, it was suggested that an obligation exists for Oakland County to site a landfill within the plan document and that economic consequences of decisions must be made. No requirement exists where a solid waste management plan must site new landfills. Nearly half of all of Michigan's 83 counties do not host landfill facilities. Should sufficient disposal capacity not be available for all wastes generated within the planning area, new disposal capacity opportunities must be identified, whether these new opportunities exist within the county or without or in the alternative, a siting mechanism must be adopted. Recognizing that significant economic consequences will occur if Oakland County becomes an exporter of 100% of its generated waste stream, the plan document calls for a reexamination of the entire question should additional disposal opportunities not become available by the end of the year 2001. Oakland County also has an obligation not to site unnecessary additional landfill capacity within a region where excess disposal capacity presently exists. This might possibly occur should additional new landfill capacity be currently approved and then other expansion opportunities that are beyond the control of Oakland County are also approved in the near future.

The many documents of the Holly Disposal representatives contained other miscellaneous comments that are addressed in the following sections.

10. The commenters indicated that Oakland County admits that insufficient landfill capacity is available for the planning period. The quoted references on Page VI-15 of the draft concerned the conditions with the present approved plans, not the proposed future. With enhanced positions on the subject of inter-county flows of wastes by Oakland

County and numerous other counties, once the current series of plan updates are completed, Oakland County will have theoretical access to substantially more disposal opportunities than required for some extended period of time, well beyond the current planning period. The draft plan text will be altered so that readers do not come to the commenter's conclusion.

11. The commenters indicated that inter-county flow agreements will be needed. Inter-county flow agreements are not a required element or a prerequisite for the import or export of wastes. Imports and exports must only be properly recognized within the approved solid waste management plans of each county involved and the disposal facility operators must be willing to accept the waste stream.

12. The commenters indicated that the plan fails to state the cost of transporting wastes to out-of-county landfills. The document frequently indicates that disposal economics will be more expensive than is observed today. The economic issues relate not only to the design, construction and operation of transfer facilities but also to the distances involved in the transfer operations to the remote disposal locations. The plan goes on further to say that if expansion opportunities at existing in-county landfills are not consummated by the end of year 2001, that a plan amendment process be initiated to thoroughly examine other alternatives including but not limited to the approval of new landfill capacity within the County, the establishment of new transfer station sites, some combination of these two, and others. Quite simply, there is little reason today to go to great lengths to examine the issue of transfer costs. This will be accomplished if the amendment process is required.

13. The environmental engineer opined that dependence on transfer facilities and out-of-county landfills will in the short term double disposal costs and that within ten years, the County may experience four times the increase in disposal costs. Care has to be taken with such cost projections and these are deemed to be highly questionable projections. Today, where a single family homeowner is paying an average of \$150 per year for comprehensive solid waste services for a 2.75 person household, about 1.5 tons of wastes are disposed of at a cost of less than \$25 per ton, say a total of \$37.50 for landfill tip fees. These average tip fee costs exist within a highly competitive market at numerous landfills located within contiguous counties. Most of these facilities will remain available to Oakland County waste generators even should all Oakland landfills close. Even with a doubling of disposal costs to \$50 per ton because of long distance transfer operations, a homeowner's costs would increase by only 25%, not the huge amounts projected by the commentator.

14. The commenters indicated that the population values used for the future projections are questionable. Some of the comments related to typographic errors and thanks are offered. Otherwise, Oakland County chooses to use the latest SEMCOG Regional Development Forecast projections for population and employment for all SEMCOG governmental units. This approach allows Oakland County to carefully examine its solid waste environment and make comparisons to other SEMCOG areas based upon regionally agreed upon population and employment values. Additionally, population and

employment values are discussed within two operating frameworks and steps will be taken within the final document to insure that the reader is aware of the framework currently being referred to. The first framework is the County as a whole and the second is the planning area for the solid waste management plan which is the County less that portion of Northville lying within Oakland County. Northville is being planned for within the Wayne County effort with the approval of both Boards of Commissioners.

15. The commenters claim that the Update overestimates waste reduction through recycling. Act 451 provides that existing volume reduction levels must be used within some areas of the plan and that volume reduction goal levels may be used within others. Oakland County disagrees with the commentator assertions.

16. The commenters claim that the Update fails to account for loss of capacity from imports. Oakland County disagrees with this claim and invites inspection of the disposal capacity availability details contained within the draft document and in the reference documents where import volumes are clearly shown. The current average import levels of 25% of the entire waste stream handled at all landfill facilities is the basis for future analysis. To assist readers of the document, the analysis detail contained within Exhibits 31 and 32 and within the notes contained on Page VI - 22 will be referenced elsewhere by other exhibits.

17. The commenters claim that the Update overestimates landfill space within the County. Oakland County disagrees. Each year, estimates of remaining disposal capacity are revised based upon discussions with facility operators and based upon the reported usage of each facility during the previous period as tabulated within MDEQ's annual landfill report. However, details of Oakland County's latest estimates were only displayed within the 1999 Disposal Capacity Availability report described in Exhibit 7. The plan text will be expanded to show this information.

Economic Consequences (testimony given at the September 16, 1999 public hearing by Paul Apap): Mr. Apap, a citizen from the Adams Square subdivision in Bloomfield Hills and a member of the Dawda, Mann, Mulcahy & Sadler, P.L.C. firm which also represents the Holly Disposal interests in the previous item, was concerned that the cost of solid waste removal at his household could increase to upwards of \$300 per month if Oakland County begins exporting substantially all of its solid waste. Oakland County is also concerned about the economic consequences of future export scenarios. This concern led to the recommendation that by the end of year 2001, should insufficient additional landfill capacity become available to Oakland County waste generators, that a plan amendment process be initiated to examine other alternatives. The economic consequences of the other alternatives would be examined in detail at that time.

City of Pontiac - FPT Site Request for Designation as a MRF and Transfer Station (two written comments from the City of Pontiac, Walter Moore, Mayor dated July 19, 1999 (this document was postmarked on August 10, 1999) and dated September 22, 1999): The Mayor of Pontiac, Walter Moore, indicated that should agreement not be reached between the City of Pontiac and FPT representatives on a variety of issues after an additional meeting, the City of

Pontiac will stand by its previously stated recommendation against designation of the FPT facility in the Solid Waste Management Plan.

The subject of the FPT designation request is scheduled as the first item of Unfinished Business at the October 7, 1999 Solid Waste Planning Committee meeting.

Representatives of IPT and the City of Pontiac will present their positions to the SWPC at that time.

SOCRRA John R Site in Madison Heights (written comments from the City of Royal Oak, Mayor Dennis G. Cowan dated September 3, 1999, from the City of Madison Heights, Mayor Gary R. McGillivray dated September 16, 1999, from Peter A. Letzmann for SOCRRA dated September 23, 1999 and from Jack Widger, a resident of Madison Heights dated September 25, 1999 and public hearing testimony from Pete Conners, Deputy City Manager, City of Madison Heights):

Royal Oak Mayor, Dennis G. Cowan, indicated that Royal Oak had passed resolutions on several different occasions favoring designation of the subject site as a transfer station only, not also as a MRF (Waste Processing) site. Various complaints were registered about the site ranging from poor maintenance, complaints of odor, unsightliness, and failure of the Authority to remove the old incinerator stacks from the site.

Madison Heights Mayor, Gary R. McGillivray requested that the facility should be designated as a transfer station only, not also as a MRF (Waste Processing) site. The Mayor further indicated lack of progress in meetings with SOCRRA representatives to resolve ongoing issues. The specific concerns were read into the public record at the public hearing by Deputy City Manager, Peter Conners.

SOCRRA representative, Peter A. Letzmann, reported on the SOCRRA site and upon the negotiations that have been ongoing with Madison Heights representatives over the past several months. It was requested that the SWPC recommend designation of the site as a transfer station and MRF (Waste Processing).

Resident Widger requested that potentially offensive MRF (Waste Processing) uses could have adverse effects on the peace, safety and health of the residents. The site should be designated for a transfer station only.

The subject of the SOCRRA John R site designation is scheduled as the second item of Unfinished Business at the October 7, 1999 Solid Waste Planning Committee meeting. Representatives of SOCRRA and Madison Heights will present their positions to the SWPC at that time.

In addition to Royal Oak's resolution on the site designation favoring Madison Heights position, nine of the remaining 11 SOCRRA municipalities have previously adopted resolutions of support for the dual designation of this site for both a Transfer Station and MRF (Waste Processing). Such resolutions were received from Berkley, Beverly Hills,

Birmingham, Clawson, Ferndale, Huntington Woods, Lathrup Village, Oak Park and Troy. This material has previously been transmitted to the SWPC members.

The existing site designation was granted by the 1994 Amendments to the 1990 Solid Waste Management Plan and was created especially for SOCRRA. The site was designated as a "disposal area" which could be used for any Act 451 disposal area facility except that the site could not be used for a sanitary landfill, an incinerator or as a waste-to-energy plant. This designation was acceptable to SOCRRA as it kept all options open for the continued use of the site which housed the Authority's incinerator which closed down operations in mid-1988 and which had been used in the intervening years as a transfer operation.

The SWPC and Board of Commissioners will address the issue of whether or not the existing site designation as a "disposal area" should or can be changed to some other designation to meet the solid waste management objectives of the Plan. The proposal to change the "disposal area" designation to both a MRF (Waste Processing) and a Transfer Station designation is acceptable to the Authority but not to the host community. The dual designation would best advance the overall objective of the Plan but is not essential to its successful implementation

Charter Township of Orion (written comments from the Charter Township of Orion by Supervisor Collette M. Dywasuk dated September 16, 1999): The Township Supervisor, Collette M. Dywasuk, took the opportunity to remind all parties that the Eagle Valley landfill may not be expanded without the permission of the Orion Township Board of Trustees. Additionally, it was indicated that any references to a future expansion of Eagle Valley in the solid waste plan would be premature. The Supervisor also complimented the SWPC in denying a MRF (Waste Processing) designation as a proposed end use for the Oakland Heights landfill on Brown Road in Auburn Hills since a MRF (Waste Processing) would have created a negative traffic impact on M-24.

The 1991 tri-party consent judgement involving the County, the Township and the site owner, which requires the approval of the Township Board prior to any future expansion of the Eagle Valley landfill beyond certain limits, is clearly identified in the draft plan update as controlling future disposal capacity. The mere existence of this possibility however is causing most participants in the solid waste planning process to be very cautious when other facilities or activities are being considered which could be dramatically impacted should Eagle Valley ultimately be expanded, and is therefore appropriately included in the Plan.

The Oakland Heights site designation request was for a Transfer Station. This summer, the Oakland Heights owners, Allied Waste Industries, acquired and merged with BFI. Thus, Allied now owns the former BFI facility on Highwood in the City of Pontiac which presently contains both MRF and Transfer Station designations. Whether Allied proceeds with construction of a transfer station at the Highwood site to meet corporate needs with the ultimate closure of the Oakland Heights landfill, or continues to pursue the

designation of another well located site for a transfer station remains to be seen. In terms of traffic impacts, the siting of a transfer station at the closed landfill would ultimately have less traffic impact than the landfill since usage of the facility by other firms is anticipated to have been at a lower level with the transfer station than with the current landfill operation.

Miscellaneous Comments (written comments from Mark Sayers, Chair of the Birmingham Recycling Committee as received in the morning mail on September 27, 1999): Mr. Sayers commented on draft document indicating that the material was comprehensive and detailed. Editing services were offered and a request was made for a short user-friendly executive summary that could ultimately be of value. He disagreed with the statement in the document that "...few wish to even be involved in a healthy discussion of solid waste issues..." and requested to be kept informed on the plan update.

Mr. Sayers' comments are appreciated and his name and address as well as those of all other persons making comments (who are not already included) will be added to the SWPC meeting mailing list.

Sanilac County Designated Planning Agency (written comments from the East Central Michigan Planning & Development Regional Commission as the DPA for Sanilac County by Douglas A. Bell dated September 24, 1999): Mr. Bell indicated that the Tri-City RDF in Sanilac County is available for use for the disposal of Oakland County wastes. The Sanilac plan stipulates that the maximum volume of solid waste that may be accepted at Tri-City from all sources is 1,092,000 gateyards per year. Caution will have to be taken in the final plan documents which are reformatted to the MDEQ "standard format" to insure that import-export are properly authorized.

June 15, 2000

MISCELLANEOUS RESOLUTION # **00160**

BY: PLANNING AND BUILDING COMMITTEE, CHARLES E. PALMER, CHAIRPERSON

RE: SOLID WASTE PLANNING COMMITTEE'S RESPONSE TO THE BOARD OF
COMMISSIONERS' OBJECTIONS TO THE RECOMMENDED SOLID WASTE
MANAGEMENT PLAN 1999 UPDATE

TO THE OAKLAND COUNTY BOARD OF COMMISSIONERS:

Ladies and Gentlemen:

WHEREAS, the Oakland County Solid Waste Planning Committee (SWPC) has met with the Oakland County Designated Planning Agency (DPA) on 14 occasions since the fall of 1997 to review Oakland County's future solid waste management alternatives; and

WHEREAS, the Committee authorized the release of a draft solid waste management plan update document for public comment and this material, dated June 14, 1999, was widely distributed on that date, with written public comments received through September 25, 1999, and a public hearing was held on September 16, 1999 and members of the public spoke of their questions and concerns on the draft plan update; and

WHEREAS, after consideration of all written and oral comments received, the Oakland County Solid Waste Management Committee has recommended to the Oakland County Board of Commissioners that the Solid Waste Management Plan 1999 Update dated October 21, 1999; be approved; and

WHEREAS, your Planning and Building Committee, and the Board of Commissioners has received and reviewed the recommended Update, discussed its purpose, contents, and ramifications with the Designated Planning Agency staff, considered public input at four meetings; stated certain objections to the Update and sought the additional counsel and recommendations of the Solid Waste Planning Committee; and

WHEREAS, the Solid Waste Planning Committee and Designated Planning Agency has supported a modification of the Recommended Update to include Ferrous Processing and Trading as a waste transfer/processing facility, and your Planning and Building Committee has concurred.

NOW THEREFORE BE IT RESOLVED that the Oakland County Board of Commissioners hereby approves the 1999 Solid Waste Management Plan Update as recommended by the Solid Waste Planning Committee on October 21, 1999, as revised on May 4, 2000, per the attached letter from the Chair of the Oakland County Solid Waste Planning Committee, to include FPT as a waste transfer/processing facility.

BE IT FURTHER RESOLVED that the Update shall be submitted first to Oakland County's 61 municipalities for their approval and after receiving 67% affirmative responses (41 minimum), the Update shall be submitted to the Michigan Department of Environmental Quality for the Director's final approval.

Chairperson, on behalf of the Planning and Building Committee, I move the adoption of the foregoing resolution.

PLANNING & BUILDING COMMITTEE



Planning & Building Committee Vote:

Ayes: Amos, Suarez, Dingeldej, Colasanti, Melton

Nays: Palmer, Jensen

Absent: Schmid, Sever, Gregory

Motion carried.

May 4, 2000

Mr. Chuck Palmer, Chair
Planning & Building Committee
Oakland County Board of Commissioners

Dear Mr. Palmer,

On behalf of the Solid Waste Planning Committee, I am writing today to advise you of the Committee's response to Board Chairman McCulloch's letter of April 28th, 2000, wherein he notified us of the Board's Objections to the Recommended 1999 Plan Update.

The Solid Waste Planning Committee met this evening and reconsidered the facility designations for FPT and SOCRRA.

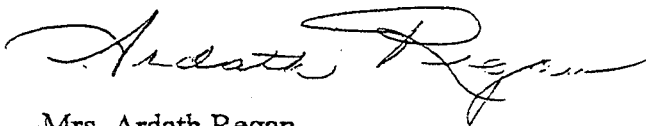
We learned from counsel of FPT and the City of Pontiac that an agreement had been reached resolving nuisance issues regarding the existing scrap operation and establishing a host community framework for solid waste facilities. Given the recognized desirability of additional solid waste transfer/processing capability and this agreement in principle, the Committee recommends the designation of FPT as described in the Board's Objections.

With regards to the SOCRRA facility in Madison Heights, we noted the Board's efforts to limit undesirable activity, provide flexibility for the development of a more desirable facility, and require a specific plan of action before Update compliance can be verified. We appreciate your attempts at resolving this difficult situation.

The Committee also received additional comments from representatives of SOCRRA and Madison Heights. We were disappointed that they did not contribute to a greater or new understanding of the situation, neither did they indicate any change in position or provide hope that a mutually agreeable solution could be reached.

The Committee wrestled with this designation prior to making its recommendation and has not received any compelling new information. Therefore, the Committee respectfully declines to reconsider its recommendation in this matter.

Sincerely,

A handwritten signature in cursive script, appearing to read "Ardath Regan".

Mrs. Ardath Regan
Chair, Oakland County Solid Waste Planning Committee

Moved by Palmer supported by Douglas the resolution be adopted.

Moved by Palmer supported by Garfield the resolution be substituted with the following resolution:

MISCELLANEOUS RESOLUTION

BY: Planning and Building Committee, Charles E. Palmer, Chairperson

IN RE: SOLID WASTE PLANNING COMMITTEE'S RESPONSE TO THE BOARD OF COMMISSIONERS' OBJECTIONS TO THE RECOMMENDED SOLID WASTE MANAGEMENT PLAN 1999 UPDATE

To the Oakland County Board of Commissioners
Chairperson, Ladies and Gentlemen:

WHEREAS the Oakland County Solid Waste Planning Committee (SWPC) has met with the Oakland County Designated Planning Agency (DPA) on 14 occasions since the fall of 1997 to review Oakland County's future solid waste management alternatives; and

WHEREAS the Committee authorized the release of a draft solid waste management plan update document for public comment and this material, dated June 14, 1999, was widely distributed on that date, with written public comments received through September 25, 1999, and a public hearing was held on September 16, 1999 and members of the public spoke of their questions and concerns on the draft plan update; and

WHEREAS after consideration of all written and oral comments received, the Oakland County Solid Waste Management Committee has recommended to the Oakland County Board of Commissioners that the Solid Waste Management Plan 1999 Update dated October 21, 1999, be approved; and

WHEREAS your Planning and Building Committee, and the Board of Commissioners has received and reviewed the recommended Update, discussed its purpose, contents, and ramifications with the Designated Planning Agency staff, considered public input at four meetings; stated certain objections to the Update and sought the additional counsel and recommendations of the Solid Waste Planning Committee; and

WHEREAS the Solid Waste Planning Committee and Designated Planning Agency has supported a modification of the Recommended Update to include Ferrous Processing and Trading as a waste transfer/processing facility, and your Planning and Building Committee has concurred; and

WHEREAS the Designated Planning Agency has supported a modification of the Recommended Update to include SOCCRA's Madison Heights facility as a waste processing facility.

NOW THEREFORE BE IT RESOLVED that the Oakland County Board of Commissioners hereby approves the 1999 Solid Waste Management Plan Update as recommended by the Solid Waste Planning Committee on October 21, 1999, as revised on May 4, 2000, per the attached letter from the Chair of the Oakland County Solid Waste Planning Committee, to include FPT as a waste transfer/processing facility.

BE IT FURTHER RESOLVED that the Oakland County Board of Commissioners hereby approves the designation of the SOCCRA Facility at 29740 John R, Madison Heights, Sec. 12 of Royal Oak Township, as a Waste Transfer/Processing Facility, as recommended by the Designated Planning Agency.

BE IT FURTHER RESOLVED that the Update shall be submitted first to Oakland County's 61 municipalities for their approval and after receiving 67% affirmative responses (41 minimum), the Update shall be submitted to the Michigan Department of Environmental Quality for the Director's final approval.

Chairperson, on behalf of the Planning and Building Committee, I move the adoption of the foregoing resolution.

PLANNING AND BUILDING COMMITTEE

Discussion followed.

Garfield withdrew his support for substituting the resolution; Buckley supported the substitute resolution.

Discussion followed. Validity of substituting the resolution and the extent to which a substitute resolution can be amended were clarified.

The Chairperson stated a "YES" vote would put the Substitute Resolution before the Board; a "NO" vote would not.

Discussion followed.

Vote on substituting the resolution:

AYES: Palmer, Amos, Appel, Buckley, Coleman, Garfield, Gregory, Jensen, Law. (9)

NAYS: Obrecht, Schmid, Sever, Suarez, Taub, Causey-Mitchell, Colasanti, Dingeldey, Douglas, Galloway, McCulloch, McPherson, Melton, Millard, Moffitt. (15)

A sufficient majority not having voted therefor, the motion to substitute the resolution failed.

Moved by Melton supported by McPherson the resolution be amended as follows:

- Delete the fifth WHEREAS paragraph;
- Delete wording in the NOW THEREFORE BE IT RESOLVED paragraph, so it reads as follows:

NOW THEREFORE BE IT RESOLVED that the Oakland County Board of Commissioners hereby approves the 1999 Solid Waste Management Plan Update as recommended by the Solid Waste Planning Committee on October 21, 1999., ~~as revised on May 4, 2000, per the attached letter from the Chair of the Oakland County Solid Waste Planning Committee, to include FPT as a waste transfer/processing facility.~~

Discussion followed.

The Chairperson stated a "YES" vote would exclude FPT; a "NO" vote would not.

Vote on Melton's amendment:

AYES: Sever, Suarez, Melton. (3)

NAYS: Palmer, Schmid, Taub, Amos, Appel, Buckley, Causey-Mitchell, Colasanti, Coleman, Dingeldey, Douglas, Galloway, Garfield, Gregory, Jensen, Law, McCulloch, McPherson, Millard, Moffitt, Obrecht. (21)

A sufficient majority not having voted therefor, Melton's amendment failed.

Moved by Palmer supported by Appel the resolution be amended by adding the following BE IT FURTHER RESOLVED paragraph:

BE IT FURTHER RESOLVED that the Oakland County Board of Commissioners hereby approves the designation of the SOCCRA Facility at 29740 John R Road, Madison Heights, Sec. 12 of Royal Oak Township, as a Waste Transfer/Processing Facility, as recommended by the Designated Planning Agency.

Discussion followed.

Vote on Palmer's amendment:

AYES: Amos, Appel, Buckley, Colasanti, Coleman, Dingeldey, Garfield, Gregory, Jensen, Law, Palmer. (11)

NAYS: Schmid, Sever, Suarez, Taub, Causey-Mitchell, Douglas, Galloway, McCulloch, McPherson, Melton, Millard, Moffitt, Obrecht. (13)

A sufficient majority not having voted therefor, Palmer's amendment failed.

June 15, 2000

Moved by Palmer supported by Douglas the resolution be amended by adding the following as the first BE IT FURTHER RESOLVED paragraph:

BE IT FURTHER RESOLVED that the Solid Waste Manager is hereby directed and authorized to edit and modify the appropriate sections of the 1999 Solid Waste Management Plan Update as Recommended by the Solid Waste Planning Committee on October 21, 1999, and as approved by the Board of Commissioners on June 15, 2000, to accurately reflect all the changes to the Update approved herein.

A sufficient majority having voted therefor, Palmer's amendment carried.

Vote on resolution, as amended:

AYES: Sever, Suarez, Taub, Amos, Appel, Buckley, Causey-Mitchell, Colasanti, Coleman, Dingeldey, Douglas, Galloway, Garfield, Gregory, Jensen, Law, McCulloch, McPherson, Melton, Millard, Moffitt, Obrecht, Palmer, Schmid. (24)

NAYS: None. (0)

A sufficient majority having voted therefor, the resolution, as amended, was adopted.

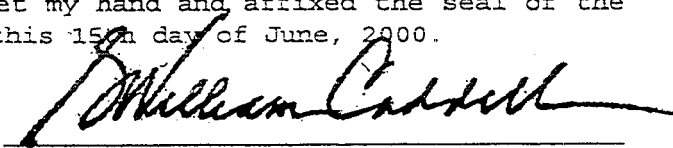
I HEREBY APPROVE THE FOREGOING RESOLUTION
 6/20/00
L. Brooks Patterson, County Executive Date

STATE OF MICHIGAN)

COUNTY OF OAKLAND)

I, G. William Caddell, Clerk of the County of Oakland, do hereby certify that the foregoing resolution is a true and accurate copy of a resolution adopted by the Oakland County Board of Commissioners on June 15, 2000 with the original record thereof now remaining in my office.

In Testimony Whereof, I have hereunto set my hand and affixed the seal of the County of Oakland at Pontiac, Michigan this 15th day of June, 2000.


G. William Caddell, County Clerk

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Municipalities Approving Oakland County's Solid Waste Plan

City of Auburn Hills
City of Farmington
City of Farmington Hills
City of Madison Heights
City of Novi
City of Oak Park
City of Orchard Lake Village
City of Pontiac
City of Rochester
City of Royal Oak
City of South Lyon
City of Southfield
City of Troy
City of Walled Lake
City of Wixom
City of Bloomfield Hills
City of Rochester Hills
City of Keego Harbor
City of the Village of Clarkston
Charter Township of Bloomfield

Charter Township of Lyon
Charter Township of Milford
Charter Township of Oakland
Charter Township of Orion
Charter Township of Oxford
Charter Township of Springfield
Charter Township of Waterford
Township of Addison
Township of Groveland
Township of Southfield
Township of Holly
Township of Rose
Village of Holly
Village of Leonard
Village of Franklin
Village of Wolverine Lake
Village of Milford
Village of Lake Orion
Village of Bingham Farms

Charter Township of Brandon
Charter Township of Commerce
Charter Township of Highland
Charter Township of Independence

Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan

By action of the City Council of the City of Auburn Hills

on March 19, 2001 it is hereby resolved that we:
date

X approve

 disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.



Date: March 19, 2001

Motion: Mari Harvey-Edwards

Support: Henry V. Knight

Approve: Cooper, Harvey-Edwards, Knight, McDonald, McMillin, Pillsbury, Sendegas

Disapprove: None

Absent: None

Signature: *William Tellman*
Deputy City Clerk

Please complete this form and return

Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

City of Auburn Hills

1827 N. Squirrel Rd. • Auburn Hills, MI 48326-2753

Phone: (248) 370-9400

Fax: (248) 370-9348

March 22, 2001

Mr. L. Brooks Patterson
County Executive
Oakland County Executive Building
1200 N. Telegraph Road
Pontiac, MI 48503

RE: Resolution of approval 1999 Update Oakland County Solid Waste Management Plan

Dear Mr. Patterson:

The City Council at their regular meeting on March 19, 2001, considered a resolution for approval or disapproval of the 1999 update to the Oakland County Solid Waste Management Plan. After considerable discussion, the Council voted unanimously to adopt the resolution approving the update. We hereby forward to you for your records and proper disposition, a certified copy of the resolution approving the updates to the plan.

Should you have any questions or need any additional information, please feel free to contact me.

Yours truly,



William R. Ross
City manager

Mayor

Tom McMillin

Mayor Pro-tem

Margaret A. Cooper

Council

Mari Harvey-Edwards

Henry V. Knight

James D. McDonald

Daniel L. Pillsbury

Kay L. Sendegas

CITY OF BLOOMFIELD HILLS**Resolution Supporting****The Oakland County Solid Waste Management Plan Update of 1999**

WHEREAS, Michigan's Public Act 451 requires that each County prepare a five-year update of their County Solid Waste Management Plan or allow the Michigan Department of Environmental Quality to prepare that Plan; and,

WHEREAS, the Solid Waste Plan must address disposition of the County's solid waste for the next ten years and present a system for management of that solid waste, including disposal, recycling, composting and source reduction; and,

WHEREAS, Oakland County has chosen to prepare its own five-year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county; and,

WHEREAS, the Oakland County Solid Waste Planning Committee has prepared such a plan including over two years of meetings, public hearings and the required 90-day comment period; and,

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity; and,

WHEREAS, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses; and,

WHEREAS, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables; and,

WHEREAS, the plan establishes a 30 percent goal for recycling over the five-year planning period, which represents a significant yet very achievable increase over the current 18 percent recycling rate; and,

WHEREAS, achieving these goals will require commitment and cooperation of all municipalities, as well as the County and area residents and businesses in moving forward with plan implementation; and,

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000; and,

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 has now been submitted to our municipality and to all other local units of government in Oakland County, as required by the State of Michigan in PA 451; and,

WHEREAS, approval by at least 67 percent of the local units of government in the County [41 local units] is required in order for the County to then submit the plan to the Michigan Department of Environmental Quality (MDEQ) for their 90-day final review and approval process;

NOW, THEREFORE, BE IT RESOLVED, the City of Bloomfield Hills hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999; and,

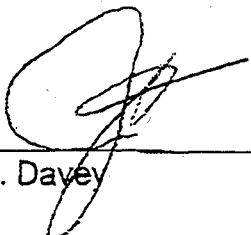
BE IT FURTHER RESOLVED, the City of Bloomfield Hills hereby authorizes transmittal of this Resolution of Approval to the Oakland County Executive and the Oakland County Board of Commissioners; and,

BE IT FURTHER RESOLVED, the City of Bloomfield Hills wishes to hereby declare its interest in seeing that the programs proposed in the plan be developed during the next five years; and,

BE IT FURTHER RESOLVED, the City of Bloomfield Hills hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise; and,

BE IT FURTHER RESOLVED, the City of Bloomfield Hills hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life issue for Oakland County communities and businesses.

Dated: May 8, 2001



Mayor John T. Davey

048-2001

Attorney Hampton reported, if the City did not accept the Oakland County Solid Waste Plan, the Department of Environmental Quality would impose its standards on the City. Commissioner Varbedian noted the City licenses waste haulers on an annual basis and they are required by ordinance to provide recycling to their customers. The State has established separate laws governing the disposal of yard waste, as it cannot be dumped in a land fill.

Motion by Commissioner Varbedian, supported by Commissioner Zambricki, the City Commission adopt the Resolution in Support of the Oakland County Solid Waste Management Plan, as presented.

Yeas - 5

Nays - 0

Motion Adopted.

STATE OF MICHIGAN)
) SS
COUNTY OF OAKLAND)

CERTIFICATION

I, Catherine A. Lane, Deputy Clerk for the City of Bloomfield Hills, Oakland County, Michigan, do hereby certify the foregoing is a true and correct copy of that portion of the Minutes of the regular City Commission meeting held on May 8, 2001, in the City Commission Room, 45 East Long Lake Road, Bloomfield Hills, Michigan, at which a quorum was present.

Dated: May 15, 2001

Catherine A. Lane

Deputy Clerk Catherine A. Lane



**Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan**

Commission
By action of the City Council of the City of Bloomfield Hills

on May 8, 2001, it is hereby resolved that we:
date

X approve

 disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

Date: May 15, 2001

Motion: Commissioner Varbedian

Support: Commissioner Zambricki

Approve: Davey, Dawkins, Hoffiz, Varbedian, Zambricki

Disapprove: 0

Absent: 0

Signature: Catherine A. Lane
Deputy City Clerk Catherine A. Lane



Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503



City of Farmington

23600 Liberty Street, Farmington, Michigan 48335

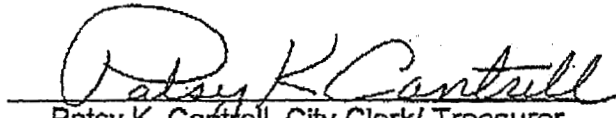
Website www.ci.farmington.mi.us

Telephone (248) 474-5500

Fax (248) 473-7261

CITY CLERK'S OFFICE

I, Patsy K. Cantrell, duly authorized Clerk/Treasurer for the City of Farmington, do hereby certify that the foregoing is a true and correct copy of a motion adopted by the Farmington City Council at a regular meeting held on Monday, March 5, 2001 in the City of Farmington, Oakland County, Michigan.


Patsy K. Cantrell, City Clerk/ Treasurer

CITY OF FARMINGTON
RESOLUTION NO. 03-01-384

Motion by McShane, seconded by Campbell, to adopt the following resolution:

WHEREAS, Michigan's Public Act 451 requires that each County prepare a five-year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan, and

WHEREAS, the solid waste plan must address the disposition of the County's solid waste for the next 10 years, and present a system for management of the solid waste including disposal, recycling, composting, and source reduction, and

WHEREAS, Oakland County has chosen to prepare its own five-year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county, and

WHEREAS, the Oakland County Solid Waste Planning Committee has prepared such a plan, holding over two years of meetings, public hearings and the required 90-day comment period, and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity, and

WHEREAS, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland county residents and businesses, and

WHEREAS, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and

WHEREAS, the plan establishes a 30% goal for recycling over the five-year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate, and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000, and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 has now been submitted to all local units of government in Oakland County, as required by the State of Michigan in P.A. 451, and

WHEREAS, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90-day final review and approval process.

NOW, THEREFORE, BE IT RESOLVED, that the City of Farmington hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999, and

BE IT FURTHER RESOLVED, that the City of Farmington hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners.

RESOLUTION DECLARED ADOPTED.

PATSY K. CANTRELL, CITY CLERK/TREASURER

I, Patsy K. Cantrell, duly authorized Clerk/Treasurer for the City of Farmington, do hereby certify that the foregoing is a true and correct copy of a resolution adopted by the Farmington City Council at a regular meeting held on Monday, March 5, 2001 in the City of Farmington, Oakland County, Michigan.


Patsy K. Cantrell, City Clerk/Treasurer

Office of City Clerk

CITY OF FARMINGTON HILLS

FAX (248) 426-1500



City of Farmington Hills

31555 Eleven Mile Road, Farmington Hills, Michigan 48336-1165

April 6, 2001

Mr. L. Brook Patterson, County Executive
OAKLAND COUNTY
1200 N. Telegraph Road
Pontiac, MI 48341

Re: Oakland County Solid Waste Management Plan 1999 Update

Dear Mr. Patterson:

Enclosed please find a Resolution of approval of the proposed Oakland County Solid Waste Management Plan Update of 1999 that was adopted by the Farmington Hills City Council on March 26, 2001.

Please contact my office if you have any questions.

Sincerely,

CITY OF FARMINGTON HILLS

Kathryn A. Dornan, CMC/AAE
City Clerk

:slb
enclosure

cc: Oakland County Board of Commissioners
Michael J. Csapo, RRRASOC
Thomas Biasell, CFH

CITY OF FARMINGTON HILLS

CITY CLERK'S OFFICE

31555 W. 11 Mile Road, Farmington Hills, MI 48336-1165

(248) 473-9558

R-63-01

RESOLUTION

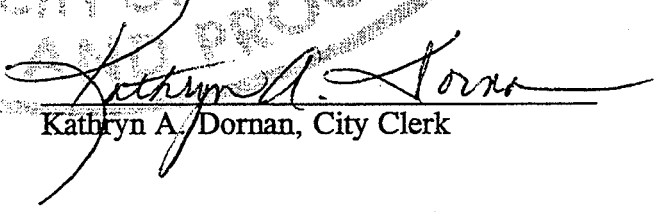
IT IS RESOLVED, that City Council hereby approves attached Resolution regarding the Oakland County Solid Waste Management Plan 1999 Update as approved on June 15, 2000 by the Oakland County Board of Commissioners.

Motion by: GRANT
Support by: OLIVERIO

Roll Call Vote:
Yeas: BARNETT, BATES, BRICKNER, ELLIS, GRANT, MC RAE
AND OLIVERIO
Nays: NONE
Absent: NONE
Abstentions: NONE

MOTION CARRIED 7-0.

I, Kathryn A. Dornan, the duly authorized City Clerk of the City of Farmington Hills, Oakland County, Michigan, do hereby certify that the foregoing is a true copy of a resolution adopted by the City Council of the City of Farmington Hills on March 26, 2001.


Kathryn A. Dornan, City Clerk

DATE: March 27, 2001

CITY OF FARMINGTON HILLS

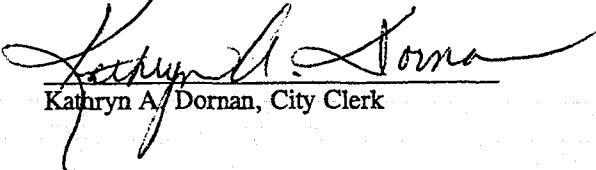
CITY CLERK'S OFFICE

31555 W. 11 Mile Road, Farmington Hills, MI 48336-1165
(248) 473-9558

RESOLUTION

- WHEREAS, Michigan's Public Act 451 of 1994 requires that each County prepare a five-year update of their County Solid Waste Management Plan or allow the Michigan Department of Environmental Quality to prepare that Plan; and
- WHEREAS, the solid waste plan must address the disposition of the County's solid waste for the next ten years and present a system for management of the solid waste including disposal, recycling, composting and source reduction; and
- WHEREAS, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county; and
- WHEREAS, the Oakland County Solid Waste Planning Committee has prepared such a plan, holding over two years of meetings, public hearings and the required 90 day comment period; and
- WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity; and
- WHEREAS, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses; and
- WHEREAS, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables; and
- WHEREAS, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate; and
- WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000; and
- WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 has now been submitted to all local units of government in Oakland County, as required by the State of Michigan in P.A. 451 of 1994; and
- WHEREAS, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process,
- NOW THEREFORE BE IT RESOLVED, that the City of Farmington Hills hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999; and
- BE IT FURTHER RESOLVED, that the City of Farmington Hills hereby authorizes transmittal of its Resolution of approval to the Oakland County Executive and Oakland County Board of Commissioners.

I, Kathryn A. Dornan, the duly authorized City Clerk of the City of Farmington Hills, Oakland County, Michigan, do hereby certify that the foregoing is a true copy of a resolution adopted by the City Council of the City of Farmington Hills on March 26, 2001.


Kathryn A. Dornan, City Clerk

DATE: March 27, 2001

RECEIVED APR 30 2001

Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan

By action of the City Council of the City of Keego Harbor
on April 19, 2001 it is hereby resolved that we:
date

5-0 ☒ approve

 disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

Community
Seal/Stamp

Date: April 19, 2001
Motion: Councilman Burns
Support: Councilman Wood
Approve: Parker, Doyle, Burns, Wood, Seabolt
Disapprove: None
Absent: None
Signature: Dorothy J. Zuzewski
City Clerk

Please complete this form and return by ~~April 4, 2001~~ to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

**Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan**

By action of the City Council of the City of MADISON HEIGHTS

on MARCH 26, 2001 it is hereby resolved that we:
date

X approve

none disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

*Community
Seal/Stamp*

Date: March 27, 2001

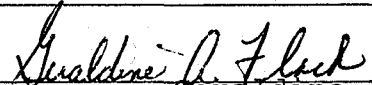
Motion: Councilman Corbett

Support: Councilman Clark

Approve: Mayor Swanson, Councilmen Clark, Corbett, Fisher,
Councilwomen Scott and Shad.

Disapprove: _____

Absent: Councilwoman Russell (excused)

Signature: 
City Clerk - Geraldine A. Flack

Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

The following is an excerpt from the minutes of a Regular Meeting of the Madison Heights City Council of the City of Madison Heights, Oakland County, Michigan held on Monday, March 26, 2001, at 7:30 p.m. Eastern Standard Time in the Municipal Building in said City.

Present: Mayor Swanson, Mayor Pro Tem Clark, Councilmen Corbett, Fisher, Scott and Shad.

Absent: Councilwomen Russell (excused).

95. Oakland County Solid Waste Management Plan.

Motion by Councilman Corbett, supported by Councilman Clark, to concur with the recommendations of City Manager Austin, City Attorney L. Sherman, Special Environmental Counsel H. Thomas and Deputy City Manager Connors, to approve the Solid Waste Management Plan 1999 Update and to adopt the following resolution:

WHEREAS, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan; and

WHEREAS, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction.

WHEREAS, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county, and

WHEREAS, The Oakland County Solid Waste Planning Committee has prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period, and

WHEREAS, The proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity; and

CITY OF MADISON HEIGHTS
PAGE TWO

WHEREAS, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland county residents and businesses, and

WHEREAS, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and

WHEREAS, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate; and

WHEREAS, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation, and

WHEREAS, The proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000, and

WHEREAS, The proposed Oakland County Solid Waste Management Plan update of 1999 has now being submitting tour municipality and to all other local unites of government in Oakland County, as required by the State of Michigan in P.A. 451, and

WHEREAS, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

NOW, THEREFORE, BE IT RESOLVED, that this community hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999, and

BE IT FURTHER RESOLVED, that this community hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners, and

CITY OF MADISON HEIGHTS
PAGE THREE

BE IT FURTHER RESOLVED, that this community wishes to hereby declares its interest in seeing that the programs proposed in the plan be developed during the next five years, and

BE IT FURTHER RESOLVED, that this community hereby declares is intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise, and

BE IT FURTHER RESOLVED, that this community hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life issue for Oakland County communities and businesses.

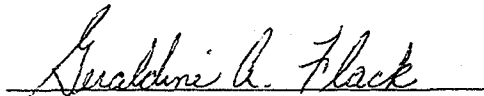
Yeas: Mayor Swanson, Mayor Pro Tem Clark, Councilmen Corbett, Fisher, Scott and Shad.

Nays: None.

Absent: Councilwomen Russell (excused).

CERTIFICATION:

I, the duly authorized Clerk of the City of Madison Heights do hereby certify that the foregoing is a true and correct copy of a resolution adopted by the Madison Heights City Council on Monday, March 26, 2001.


Geraldine A. Flack
City Clerk

CITY OF NOVI

May 11, 2001

Mr. L. Brooks Patterson, County Executive
County Service Center, Bldg #34
1200 N. Telegraph Road
Pontiac, MI 48341

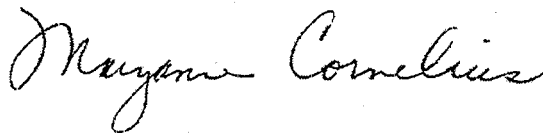
Re: Oakland County Solid Waste Management Plan
1999 Update

Dear Mr. Patterson:

Enclosed is the original signed Resolution adopted by the Novi City Council on May 7, 2001, approving the Oakland County Solid Waste Management Plan Update of 1999.

If you should have any questions, I can be reached at 248-347-0456.

Sincerely,



Maryanne Cornelius, CMC
City Clerk

MC:mac

Encl.

CC: O.C. Bd. of Commissioners, w/enc.
A. Nowicki, w/enc.
M. Csapo, w/enc.



city of novi
45175 west ten mile road / novi, michigan 48375-3024 / (248) 347-0460 general information
www.ci.novi.mi.us

CITY COUNCIL

Mayor
Richard J. Clark
Mayor Pro Tem
Laura J. Lorenzo
Member
Michael J. Bononi
Member
Vicki R. Cassis
Member
Louis Csordas
Member
Craig M. DeRoche
Member
Edward G. Kramer
City Manager
Richard Helwig
City Clerk
Maryanne Cornelius





city of novi

45175 west ten mile road / novi, michigan 48375-3024 / (248) 347-0460 general information
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CITY COUNCIL

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Edward G. Kramer

City Manager
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City Clerk
Maryanne Cornelius

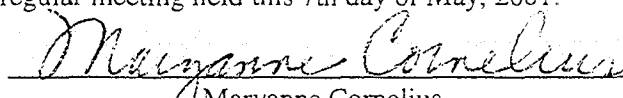
**AUTHORIZING RESOLUTION
OAKLAND COUNTY SOLID WASTE MANAGEMENT PLAN
1999 UPDATE**

- WHEREAS,** Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan; and,
- WHEREAS,** the solid waste plan must address the disposition of the County's solid waste for the next 10 years, and present a system for management of the solid waste including disposal, recycling, composting, and source reduction; and,
- WHEREAS,** Oakland County Solid Waste Planning Committee has prepared such a plan, holding over two years of meetings, public hearings, and the required 90-day comment period; and,
- WHEREAS,** the proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity; and,
- WHEREAS,** the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses; and,
- WHEREAS,** the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective, and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables; and,
- WHEREAS,** the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate; and,
- WHEREAS,** the proposed Oakland County Solid Waste Management Plan Update of 1999 has now been submitted to all local units of government in Oakland County, as required by the State of Michigan in P.A. 451; and,
- WHEREAS,** approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

NOW, THEREFORE, BE IT RESOLVED that the Mayor and Novi City Council hereby approve the Oakland County Solid Waste Management Plan Update of 1999 and authorize the transmittal of this Authorizing Resolution to the Oakland County Executive and the Oakland County Board of Commissioners.

CERTIFICATION

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council of the City of Novi at a regular meeting held this 7th day of May, 2001.


Maryanne Cornelius
City Clerk



CITY OF OAK PARK



City Of Oak Park
"The Family City"

Michael L McReynolds
Director of Technical and Planning Services

Mayor
Gerald E. Naftaly
Mayor Pro Tem
Arthur Frohlich
Council Member
Raymond M. Abrams
Michael M. Seligson
Willie Horton

March 15, 2001

Martin J. Seaman, Manager
Solid Waste Management Planning
1200 N. Telegraph Road
Pontiac, MI 48341-0409

Dear Mr. Seaman:

On Monday, March 5, 2001, the Oak Park City Council unanimously past a resolution approving the Oakland County Solid Waste Plan Update. Enclosed is a copy for your files.

Sincerely,

Michael L. McReynolds, Director
Technical & Planning Services



City Of Oak Park

"The Family City"

Sandra K. Gadd, MMC
City Clerk

Mayor
Gerald E. Naftaly
Mayor Pro Tem
Arthur Frohlich
Council Member
Raymond M. Abrams
Michael M. Seligson
Willie Horton

CM-03-108-01

OAKLAND COUNTY SOLID WASTE MANAGEMENT PLAN UPDATE

Motion by Abrams, seconded by Horton, CARRIED UNANIMOUSLY:
To approve the proposed Oakland County Solid Waste Management Plan
Update of 1999.

Roll Call Vote: Yes, Naftaly, Frohlich, Abrams, Horton, Seligson
 No, None
 Absent, None

I, Sandra K. Gadd, City Clerk for the City of Oak Park, do hereby certify that the above resolution is a true copy of a resolution adopted by the Oak Park City Council, at a Regular Meeting, held on March 5, 2001.

Sandra K. Gadd, City Clerk

**Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan**

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

CITY OF ORCHARD LAKE VILLAGE

RESOLUTION APPROVING THE PROPOSED OAKLAND COUNTY SOLID WASTE MANAGEMENT PLAN UPDATE OF 1999

WHEREAS, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan, and;

WHEREAS, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction, and;

WHEREAS, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county, and;

WHEREAS, the Oakland County Solid Waste Planning Committee has prepared such a plan, including over two years of meetings, public hearings and required 90 day comment period, and;

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity, and;

WHEREAS, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses, and;

WHEREAS, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and;

WHEREAS, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate, and;

WHEREAS, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation, and;

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000, and;

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 is now being submitting to our municipality and to all other local units of government in Oakland County, as required by the State of Michigan in P.A. 451, and;

WHEREAS, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

NOW, THEREFORE BE IT RESOLVED that the City of Orchard Lake Village hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999 and;

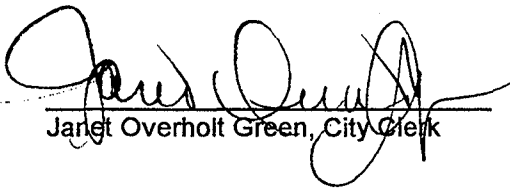
BE IT FURTHER RESOLVED that the City of Orchard Lake Village hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners, and;

BE IT FURTHER RESOLVED that the City of Orchard Lake Village wishes to hereby declare its interest in seeing that the programs proposed in the plan be developed during the next five years, and;

BE IT FURTHER RESOLVED that the City of Orchard Lake Village hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise, and;

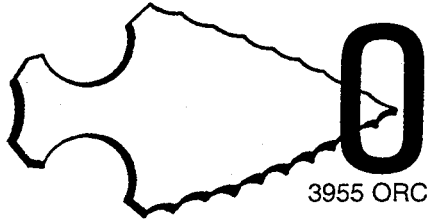
BE IT FURTHER RESOLVED that the City of Orchard Lake Village hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life issue for Oakland County communities and businesses.

Made and adopted this 19th day of March 2001.



Janet Overholt Green, City Clerk

CITY OF



ORCHARD LAKE VILLAGE

3955 ORCHARD LAKE RD. ORCHARD LAKE, MI 48323

(248) 682-2400 FAX (248) 682-1308

April 2, 2001

Mr. L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 North Telegraph Road
Pontiac, Mi. 48503


Dear Mr. Patterson,

Enclosed are resolutions adopted by the City Council of the City of Orchard Lake Village endorsing and approving the 1999 Update of the Oakland County Solid Waste Management Plan.

Please let me know if you would like copies of the Meeting Minutes, or if you need anything further.

Thank You,

CITY OF ORCHARD LAKE VILLAGE


Janet Overholt Green
City Clerk

C: Martin J. Seaman, Manager
Oakland County Solid Waste Mgt. Div.
One Public Works Drive
Waterford, MI 48328-1907

RESOLUTION OF THE PONTIAC CITY COUNCIL

State of Michigan)

SS

County of Oakland)

City of Pontiac)

Whereas, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan, and

Whereas, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction.

Whereas, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county, and

Whereas, the Oakland County Solid Waste Planning Committee has prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period, and

Whereas, the proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity, and

Whereas, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses, and

Whereas, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and

Whereas the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate, and

Whereas, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation, and

Whereas, the proposed Oakland County Solid Waste Management plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000, and

Whereas, the proposed Oakland County Solid Waste Management Plan Update of 1999 is now being submitted to the City of Pontiac and to all other local units of government in Oakland County, as required by the State of Michigan in P.A. 451, and

Whereas, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

Now Therefore Be It Resolved, that the City of Pontiac hereby approves the proposed Oakland County Solid Waste Management plan Update of 1999, and

Be It Further Resolved, that the City of Pontiac hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners, and

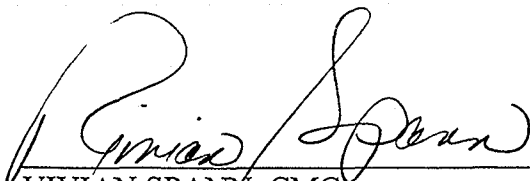
Be It Further Resolved, that the City of Pontiac declares its interest in seeing that the programs proposed in the plan be developed during the next five years, and

Be It Further Resolved, that the City of Pontiac hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues it may raise, and

Be It Further Resolved, that the City of Pontiac hereby commends the representatives that make up the Oakland County Solid Waste Planning committee for their commitment and hard work in addressing this important environmental and quality of life issue for Oakland County communities and businesses.

I, Vivian Spann, City Clerk of Pontiac, Michigan, do hereby certify that the foregoing is a true copy of a Resolution adopted by the Pontiac City Council at a regular meeting held on September 6, 2001.

Given under my hand and seal of
the City of Pontiac, Michigan This
27th day of September A.D., 2001


VIVIAN SPANN, CMC
CITY CLERK



CITY OF PONTIAC
MICHIGAN

RECEIVED OCT 1 2001

MAYOR WALTER MOORE

DEPARTMENT OF PUBLIC UTILITIES
SANITATION DIVISION

September 28, 2001

Martin J. Seaman, Manager
Oakland County Solid Waste Management Planning
1200 N. Telegraph
Pontiac, MI 48341

Dear Mr. Seaman:

Enclosed is the certified copy of the Resolution of the Pontiac City Council approving the Oakland County Solid Waste Management Plan Update of 1999. Please inform the County Executive and the Board of Commissioners of this action.

Sincerely yours,

THE CITY OF PONTIAC

A handwritten signature in cursive script, appearing to read "Claudia Filler".

Claudia Filler
Sanitation Superintendent

Enclosure

**Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan**

By action of the City Council of the City of ROCHESTER

on March 12, 2001 it is hereby resolved that we:
date

XXX approve

 disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

*Community
Seal/Stamp*

Date: March 13, 2001

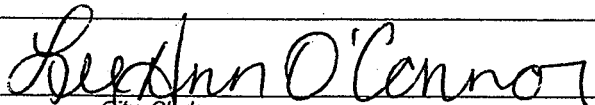
Motion: Council Member Becker

Support: Council Member Crissman

Approve: Mayor Katulic, Council Members Becker, Bikson, Crissman, Head, Werth

Disapprove: None

Absent: Council Member Lewis

Signature: 
City Clerk

Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

**ROCHESTER HILLS CITY COUNCIL
RESOLUTION**

At a Regular Rochester Hills City Council Meeting held at the Rochester Hills Municipal Building, 1000 Rochester Hills Drive, Rochester Hills, Oakland County, Michigan, on Wednesday, June 6, 2001.

Present: President Robbins, Members Bryan Barnett, John Dalton,
Jim Duistermars, Lois Golden, Melinda Hill, Barbara Holder,

Absent: None

QUORUM PRESENT

Resolution A0124 – 2001 – R0223

MOTION by Barnett, seconded by Dalton,

Whereas, Michigan's Public Act 451 requires that each County prepare a five (5) year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan, and

Whereas, the solid waste plan must address disposition of the County's solid waste for the next ten (10) years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction, and

Whereas, Oakland County has chosen to prepare its own five (5) year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our County, and

Whereas, the Oakland County Solid Waste Planning Committee has prepared such a Plan, including over two (2) years of meetings, Public Hearings and the required ninety (90) day comment period, and

Whereas, the proposed Oakland County Solid Waste Management Plan update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten (10) years without resorting to sighting any new landfills within our own boundaries, since the region already has more than twenty-five (25) years of landfill capacity, and

Whereas, the Plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses, and

Whereas, the Plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and

Whereas, the Plan establishes a thirty percent (30%) goal for recycling over the five (5) year planning period, which represents a significant yet very achievable increase over the current eighteen percent (18%) recycling rate, and

Whereas, achieving these goals will require commitment and cooperation of all municipalities as well as the County and our residents and businesses in moving forward with plan implementation, and

Whereas, the proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000, and

Whereas, the proposed Oakland County Solid Waste Management Plan Update of 1999 is now being submitted to our municipality and to all other local units of government in Oakland county, as required by the State of Michigan in P.A. 451, and

Whereas, approval by at least sixty-seven (67%) of the local units of government in the County (forty-one (41) local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their ninety (90) day final review and approval process,

Now Therefore Be It Resolved, that this community hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999, and

Be It Further Resolved, that this community hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners, and

Be it Further Resolved, that this community wishes to hereby declare its interest in seeing that the programs proposed in the plan be developed during the next five (5) years, and

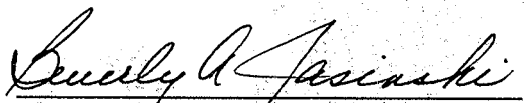
Be It Further Resolved, that this community hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise, and

Be It Further Resolved, that this community hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life issue for Oakland County communities and businesses.

Ayes: Robbins, Barnett, Dalton, Duistermars, Golden, Hill, Holder
Nays: None
Absent: None

MOTION CARRIED

I, Beverly A. Jasinski, Rochester Hills City Clerk, do hereby certify that the foregoing is a complete and true copy of a resolution, the original of which is on file in my office, adopted by the Rochester Hills City Council at a Regular Rochester Hills City Council Meeting held thereof on Wednesday, June 6, 2001.


BEVERLY A. JASINSKI, City Clerk

RECEIVED JUN 19 2001

RESOLUTION

01-07

WHEREAS, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan, and

WHEREAS, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction.

WHEREAS, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county, and

WHEREAS, The Oakland County Solid Waste Planning Committee has prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period, and

WHEREAS, the Proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity, and

WHEREAS, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and business, and

WHEREAS, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and

WHEREAS, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate, and

WHEREAS, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation, and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000, and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 has now been submitted to our municipality and to all other local units of government in Oakland County, as required by the State of Michigan in P A. 451, and

WHEREAS, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

NOW THEREFORE BE IT RESOLVED, that this community hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999, and

BE IT FURTHER RESOLVED, that this community hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners, and

BE IT FURTHER RESOLVED, that this community wishes to hereby declare its interest in seeing that the programs proposed in the plan be developed during the next five years, and

BE IT FURTHER RESOLVED, that this community hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise, and

BE IT FURTHER RESOLVED, that this community hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life issue for Oakland County communities and businesses.

RECEIVED JUN 18 2001

Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan

By action of the City Council of the City of Rochester Hills,
on Wednesday, June 6, 2001 it is hereby resolved that we:

_____X_____ Approve

_____ Disapprove

The 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

Date: June 6, 2001

Motion: Council Member Bryan Barnett


Support: Council Member John Dalton

Approve: President Gerald Robbins, Members Bryan Barnett, John Dalton,
Jim Duistermars, Lois Golden, Melinda Hill, Barbara Holder

Disapprove: None

Absent: None

Signature:


Beverly A. Jasinski, City Clerk

Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

CITY OF ROYAL OAK

At a Regular Meeting of the Royal Oak City Commission held on Monday, March 5, 2001, in City Hall, 211 Williams Street, the following Resolution was adopted:

WHEREAS, Michigan's Public Act 451 requires that each County prepare a five year update of their County Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan; and

WHEREAS, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction.

WHEREAS, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county; and

WHEREAS, the Oakland County Solid Waste Planning Committee had prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period; and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity; and

WHEREAS, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses; and

WHEREAS, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables; and

WHEREAS, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate; and

WHEREAS, achieving those goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation; and

WHEREAS, the proposed Oakland County Solid Waste Management Plan, Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000; and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 has now been submitted to out municipality and to all other local units of government in Oakland County, as required by the State of Michigan in P.A. 451; and

WHEREAS, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

NOW, THEREFORE, BE IT RESOLVED, that the City of Royal Oak hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999; and

BE IT FURTHER RESOLVED, that the City of Royal Oak hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners; and

BE IT FURTHER RESOLVED, that the City of Royal Oak wishes to hereby declare its interest in seeing that the programs proposed in the plan be developed during the next five years; and

BE IT FURTHER RESOLVED, that the City of Royal Oak hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise; and

BE IT FURTHER RESOLVED, that the City of Royal Oak hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life for Oakland county communities and businesses.

I hereby certify that the foregoing is a true and correct copy of a Resolution adopted by the Royal Oak City Commission at a meeting held on March 5, 2001.

Mary Ellen Graver

City Clerk

At a Regular Meeting of the Royal Oak City Commission held on Monday, March 5, 2001, in City Hall, 211 Williams Street, the following Resolution was adopted:

WHEREAS, Michigan's Public Act 451 requires that each County prepare a five year update of their County Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan; and

WHEREAS, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction.

WHEREAS, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county; and

WHEREAS, the Oakland County Solid Waste Planning Committee had prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period; and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity; and

WHEREAS, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses; and

WHEREAS, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables; and

WHEREAS, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate; and

WHEREAS, achieving those goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation; and

WHEREAS, the proposed Oakland County Solid Waste Management Plan, Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000; and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 has now been submitted to out municipality and to all other local units of government in Oakland County, as required by the State of Michigan in P.A. 451; and

WHEREAS, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

NOW, THEREFORE, BE IT RESOLVED, that the City of Royal Oak hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999; and

BE IT FURTHER RESOLVED, that the City of Royal Oak hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners; and

BE IT FURTHER RESOLVED, that the City of Royal Oak wishes to hereby declare its interest in seeing that the programs proposed in the plan be developed during the next five years; and

BE IT FURTHER RESOLVED, that the City of Royal Oak hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise; and

BE IT FURTHER RESOLVED, that the City of Royal Oak hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life for Oakland county communities and businesses.

I hereby certify that the foregoing is a true and correct copy of a Resolution adopted by the Royal Oak City Commission at a meeting held on March 5, 2001.

Mary Ellen Greaver

City Clerk

**Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan**

By action of the City Council of the City of Royal Oak

on March 5, 2001 it is hereby resolved that we:
date

X approve

 disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

*Community
Seal/Stamp*

Date: March 6, 2001

Motion: Lanfear

Support: Kuhn

Approve: Lanfear, Kuhn, Tillander, Sarnacki, Kuhn,
Harrison, Cowan

Disapprove: None

Absent: None

Signature: Mary Ellen Graver
City Clerk

Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

**Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan**

By action of the City Council of the City of The City of South Lyon

on February 26, 2001 it is hereby resolved that we:
date

X approve
 disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

*Community
Seal/Stamp*

Date: 2/26/01

Motion: Selden

Support: Doyle

Approve: Crawford, Doyle, Potter & Selden

Disapprove: None

Absent: Wallace

Signature: 
City Clerk

Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

MAYOR
JEFFREY L. POTTER

COUNCIL
RAY CRAWFORD
JOHN DOYLE, JR.
C.R. (DICK) SELDEN
TEDD WALLACE



CITY MANAGER
RODNEY L. COOK

CITY CLERK-TREASURER
JULIE C. ZEMKE

City of South Lyon

335 SOUTH WARREN
SOUTH LYON, MICHIGAN 48178

AREA CODE 248-437-1735
FAX 248-486-0049

CM 2-3-01 – RESOLUTION FOR APPROVAL OF THE 1999 UPDATE OF THE OAKLAND COUNTY SOLID WASTE MANAGEMENT PLAN

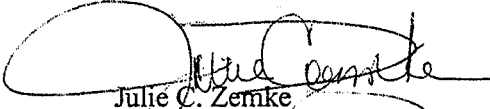
Motion by Selden, supported by Doyle

By action of the City Council of the City of South Lyon, it is hereby resolved that we approve the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, PA 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

VOTE:

MOTION CARRIED UNANIMOUSLY

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council of the City of South Lyon, County of Oakland, State of Michigan, at a regularly scheduled meeting of February 26, 2001, and that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available as required by said act.


Julie C. Zemke
City Clerk/Treasurer

CITY OF SOUTHFIELD

**City of Southfield
RESOLUTION**

WHEREAS, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan; and

WHEREAS, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction; and

WHEREAS, Oakland County has chosen to prepare its own five year update so that the special waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our County; and

WHEREAS, the Oakland County Solid Waste Planning Committee has prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period; and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity; and

WHEREAS, the Plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses; and

WHEREAS, the Plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables; and

WHEREAS, the Plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate; and

WHEREAS, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation; and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioner on June 15, 2000; and

City of Southfield Resolution
March 26, 2001 - Solid Waste
Page 2

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 is now being submitted to our municipality and to all other local units of government in Oakland County, as required by the State of Michigan in P.A. 451; and

WHEREAS, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

NOW, THEREFORE, BE IT RESOLVED: That this community hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999; and

BE IT FURTHER RESOLVED: That this community hereby authorizes transmittal of its Resolution of Approval to the Oakland County Executive and the Oakland County Board of Commissioners; and


BE IT FURTHER RESOLVED: That this community wishes to hereby declare its interest in seeing that the programs proposed in the plan be developed during the next five years; and

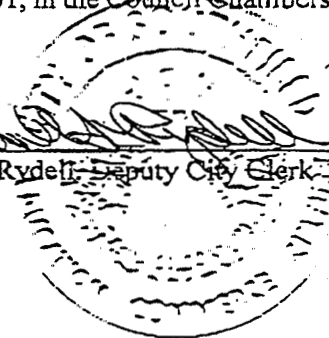
BE IT FURTHER RESOLVED: That this community hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise; and

BE IT FINALLY RESOLVED: That this community hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life issues for Oakland County communities and businesses.

I, Susan H. Rydell, the duly appointed and qualified Deputy City Clerk of the City of Southfield, County of Oakland, State of Michigan, do hereby certify that the foregoing resolution was adopted by the Southfield City Council at their Regular Council Meeting held on Monday, March 26, 2001, in the Council Chambers of the Municipal Building, 26000 Evergreen Road, Southfield, Michigan.

Dated: May 15, 2001


Susan H. Rydell, Deputy City Clerk



**Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan**

By action of the City Council of the City of Troy

on April 9, 2001 it is hereby resolved that we:
date

A11-7 approve

0 disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

*Community
Seal/Stamp*

Date: April 9, 2001

Motion: Pallotta

Support: Kaszubski

Approve: Pryor, Beltramini, Howrylak, Kaszubski, Lambert, Palotta, Schilling

Disapprove: None

Absent: None

Signature: *Loani J. Bartholomew*
City Clerk

Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

CITY OF WALLED LAKE

City of Walled Lake
Oakland County, MI
Resolution

Whereas, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan, and

Whereas, the solid waste plan must address the disposition of the County's solid waste for the next 10 years, and present a system for management of the solid waste including disposal, recycling, composting, and source reduction, and

Whereas, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our County, and

Whereas, the Oakland County Solid Waste Planning Committee has prepared such a plan, holding over two years of meetings, public hearings and the required 90 day comment period, and

Whereas, the proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity, and

Whereas, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses, and

Whereas, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and

Whereas, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate, and

Whereas, the proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000 and

Whereas, the proposed Oakland County Solid Waste Management Plan Update of 1999 has now been submitted to all local units of government in Oakland County, as required by the State of Michigan in P.A. 451, and

Whereas, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process,

Now Therefore be it Resolved, that the City of Walled Lake hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999, and

Be It Further Resolved, that the City of Walled Lake hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners.

I, Catherine Metevia, City Clerk of the City of Walled Lake, do hereby certify that the foregoing is a true and compared copy of a Resolution duly made and passed by the Walled Lake City Council at a meeting held March 20, 2001.

Catherine Metevia
Catherine Metevia, City Clerk

CITY OF WIXOM RESOLUTION

APPROVING PROPOSED OAKLAND COUNTY SOLID WASTE MANAGEMENT PLAN UPDATE OF 1999

- WHEREAS,** Michigan's Public Act 451 requires that each County prepare a five-year update of their County Solid Waste Management Plan or allow the Michigan Department of Environmental Quality to prepare that Plan; and
- WHEREAS,** the solid waste plan must address the disposition of the County's solid waste for the next ten years and present a system for management of the solid waste including disposal, recycling, composting, and source reduction; and
- WHEREAS,** Oakland County has chosen to prepare its own five-year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county; and
- WHEREAS,** the Oakland County Solid Waste Planning Committee has prepared such a plan, holding over two years of meetings, public hearings and the required 90-day comment period; and
- WHEREAS,** the proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity; and
- WHEREAS,** the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses; and
- WHEREAS,** the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables; and
- WHEREAS,** the plan establishes a 30% goal for recycling over the five-year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate; and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000; and

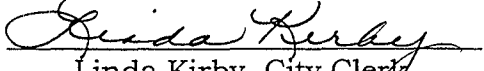
WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 has now been submitted to all local units of government in Oakland County, as required by the State of Michigan in Public Act 451; and

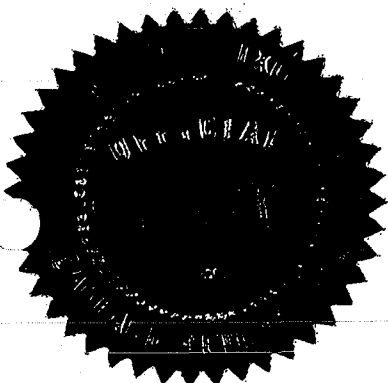
WHEREAS, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90-day final review and approval process;

NOW, THEREFORE, BE IT RESOLVED that this community hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999; and

BE IT FURTHER RESOLVED that this community hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners.

I, Linda Kirby, City Clerk of the City of Wixom, Oakland County, Michigan, do hereby that the foregoing is a true and complete copy of a Resolution adopted by the Council of said City of Wixom at a regular meeting duly called and held on Tuesday, March 13, 2001.


Linda Kirby, City Clerk



TOWNSHIP OF ADDISON

TOWNSHIP OF ADDISON

COUNTY OF OAKLAND

STATE OF MICHIGAN

THE BOARD OF THE TOWNSHIP OF ADDISON ORDAINS AS FOLLOWS:

Whereas, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan, and

Whereas, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction.

Whereas, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county, and

Whereas, The Oakland County Solid Waste Planning Committee has prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period, and

Whereas, The proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting of any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity, and

Whereas, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland county residents and businesses, and

Whereas, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and

Whereas, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate, and

Whereas, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation, and

Whereas, The proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000, and

Whereas, The proposed Oakland County Solid Waste Management Plan Update of 1999 has now being submitted to our municipality and to all other local units of government in Oakland County as required by the State of Michigan in P.A. 451, and

Whereas, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

Now Therefore be it Resolved, That this community hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999, and on July 2, 2001, Addison Township adopted Ordinance 124, Amending 74, Regulation of Solid Waste Disposal Areas and Landfills.

Be It Further Resolved, that this community hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners, and

Be It Further Resolved, that this community wishes to hereby declares its interest in seeing that this programs proposed in the plan be developed during the next five years, and

Be It Further Resolved, that this community hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise, and

Be It Further Resolved, that this community hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life issue for Oakland County communities and businesses.

PASSED, ADOPTED AND APPROVED this 18th day of July 2001

Motion by: John Sutphin

Second by: Sandy Campbell

AYES: All

NAYES:

Clerk

**Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan**

By action of the Board of Trustees of the Township of ADDISON

on July 18, 2001 it is hereby resolved that we:
date

XXX approve

 disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

Community
Seal/Stamp

Date:

7/11/01

Supervisor Signature:

Robert Koshie

Township Clerk:

Paula Bennett

Witness By:

Denise Butler

Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

CHARTER TOWNSHIP OF
BLOOMFIELD

CHARTER TOWNSHIP OF BLOOMFIELD
BOARD OF TRUSTEES
MARCH 12, 2001
PAGE -1-

PRESENT: Payne, Cotton, Devine, Tobias, Stefan, Roncelli
ABSENT: Yaw

According to Clerk Cotton, our approval of the 1999 Update of the Oakland County Solid Waste Management Plan will not affect our solid waste program. If the Plan does not get the approval of enough Oakland County communities, the State will implement a plan.

MOTION WAS MADE by Cotton and supported by Roncelli to APPROVE the following 1999 Update of the Oakland County Solid Waste Management Plan:

RESOLUTION

WHEREAS, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan, and

WHEREAS, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction.

WHEREAS, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our County, and

WHEREAS, The Oakland County Solid Waste Planning Committee has prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period, and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity, and

WHEREAS, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses, and

CHARTER TOWNSHIP OF BLOOMFIELD
BOARD OF TRUSTEES
MARCH 12, 2001
PAGE -2-

WHEREAS, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and

WHEREAS, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate, and

WHEREAS, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation, and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000, and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 is now being submitted to our municipality and to all other local units of government in Oakland County, as required by the State of Michigan in P.A. 451, and

WHEREAS, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

NOW, THEREFORE BE IT RESOLVED, that the Charter Township of Bloomfield hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999, and

BE IT FURTHER RESOLVED, that the Charter Township of Bloomfield hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners, and

BE IT FURTHER RESOLVED, that the Charter Township of Bloomfield wishes to hereby declare its interest in seeing that the programs proposed in the plan be developed during the next five years, and

BE IT FURTHER RESOLVED, that the Charter Township of Bloomfield hereby commends the representatives that make up the Oakland County Solid Waste Planning


CHARTER TOWNSHIP OF BLOOMFIELD
BOARD OF TRUSTEES
MARCH 12, 2001
PAGE -3-

Committee for their commitment and hard work in addressing this important environmental and quality of life issue for Oakland County communities and businesses.

YEAS: Payne, Cotton, Devine, Tobias, Stefan, Roncelli
NAYS: None

RESOLUTION DECLARED ADOPTED.

I, WILMA S. COTTON, TOWNSHIP CLERK of the Charter Township of Bloomfield, County of Oakland, Michigan, do hereby certify the foregoing is a true and correct copy of a resolution adopted by the Board at their regular meeting held on March 12, 2001.



WILMA S. COTTON
TOWNSHIP CLERK

mjg

BLOOMFIELD

TOWNSHIP

Dave Payne, *Supervisor*
Wilma S. Cotton, *Clerk*
Dan Devine, *Treasurer*

Trustees: Jerry J. Tobias
William R. Yaw, Jr.
Sherry Stefanos
Janet Roncelli

March 14, 2001

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Road
Pontiac, Michigan 48503

Dear Mr. Patterson:

Enclosed herewith is the Bloomfield Township Board of Trustees Resolution approving the 1999 Update of the Oakland County Solid Waste Management Plan. While the Board did approve the County's plan, the Township will not be participating in that plan since we have our own solid waste program.

If you have any questions, please do not hesitate to contact me.

Yours truly,



Wilma S. Cotton
Township Clerk

WSC/mjg

Encl.

cc: Oakland County Board of Commissioners

CHARTER TOWNSHIP OF
BRANDON

Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan

By action of the Board of Trustees of the Township of Brandon

on March 5, 2001 it is hereby resolved that we:
date

X approve

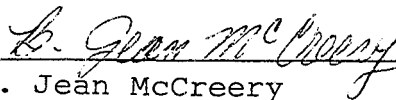
 disapprove

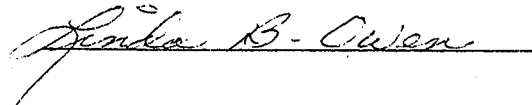
the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

Community
Seal/Stamp

Date: 3/5/01

Supervisor Signature: 
Ron Lapp

Township Clerk: 
B. Jean McCreery

Witness By: 

Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

CHARTER TOWNSHIP OF
COMMERCEResolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management PlanBy action of the Board of Trustees of the Township of COMMERCEon April 10, 2001 it is hereby resolved that we:
date✓ approve disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

Community
Seal/Stamp

Date:

April 10, 2001

Supervisor Signature:

Thomas J. Jones

Township Clerk:

Sandra Ahrens

Witness By:

Sharon McClelland

Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

CHARTER TOWNSHIP OF COMMERCE

2840 Fisher Avenue
Commerce, MI 48390
(248) 960-7020
(248) 624-5384-FAX

CLERK'S DEPARTMENT
SANDRA S. ABRAMS, CLERK

FAX

Attn: Martin Seaman

To: Del. City Executives From: Sharon
office
Fax: 248-452-9215 Pages: (4)
Phone: Date: 5-2-01
Re: CC:

Urgent

For Review

Please Comment

Please Reply

Please Recycle

June - Per our telephone conversation this AM - attached is a signed Resolution from the Charter Twp. of Commerce Regarding the O.C. Solid Waste Mgmt. Plan. If you have any questions or require additional info. - do not hesitate to call. I've included a copy of the Twp. Board Minutes to verify. Thank you - Sharon 248-960-7020

THOMAS K. ZONER
SUPERVISOR
SANDRA S. ABRAMS
CLERK
SUSAN L. GROSS
TREASURER

THE CHARTER TOWNSHIP OF COMMERCE



TRUSTEES
ROBERT J. LONG
CHERYL MAGALSKI
DANIEL P. MUNRO
RICK SOVEL

WHEREAS, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan, and

WHEREAS, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction,

WHEREAS, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and business are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county, and

WHEREAS, The Oakland County Solid Waste Planning Committee has prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period, and

WHEREAS, The proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity, and

WHEREAS, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland county residents and businesses, and

WHEREAS, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and

WHEREAS, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate, and

WHEREAS, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation, and

WHEREAS, The proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000, and

WHEREAS, The proposed Oakland County Solid Waste Management Plan Update of 1999 is now being submitted to our municipality and to all other local units of government in Oakland County, as required by the State of Michigan in P.A. 451, and

WHEREAS, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

NOW THEREFORE BE IT RESOLVED, That The Charter Township of Commerce hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999, and

BE IT FURTHER RESOLVED, That The Charter Township of Commerce hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners, and

BE IT FURTHER RESOLVED, That The Charter Township of Commerce wishes to hereby declare its interest in seeing that the programs proposed in the plan be developed during the next five years, and

BE IT FURTHER RESOLVED, That The Charter Township of Commerce hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise, and

BE IT FURTHER RESOLVED, That The Charter Township of Commerce hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life issue for Oakland County communities and businesses.

ROLL CALL VOTE:

AYES: Munro, Magalski, Gross, Sovel, Abrams, Zoner

NAYES: Long

ABSENT: None

19-01 14:43 FROM-DISTRICT 6

1-248-858-9466

T-644 P.11/13 F-705

Page 10
Regular Township Board Meeting

Tuesday, April 10, 2001

ITEM 12:4-10 APPLICATION FOR FIRE GRANT PROGRAM

MOTION by Abrams, supported by Magalski, to authorize the Fire Chief to make Application for the Fire Grant Program and to authorize the appropriate signatures.
MOTION CARRIED UNANIMOUSLY

ITEM 14:4-10 CONTRIBUTION TO INTERGOVERNMENTAL UTILITY DEFENSE FUND

MOTION by Long, supported by Munro, to Table the Resolution in Support of Maintaining Equitable Assessments and Uniform Taxation in Michigan.
MOTION CARRIED UNANIMOUSLY

ITEM 15:4-10 RESOLUTION TO PARTICIPATE IN THE SOLID WASTE MANAGEMENT PLAN PROGRAM

MOTION by Munro, supported by Abrams, to approve the Resolution for the 1999 Update of the Oakland County Solid Waste Management Plan as recommended by the Township Supervisor.

ROLL CALL VOTE

AYES: Munro, Magalski, Gross, Sovel, Abrams, Zoner
NAYS: Long

MOTION CARRIED

ITEM 17:4-10 ADDITION FOR FIRE STATION #4

MOTION by Sovel, supported by Munro, to authorize the Township Supervisor to develop a plan for a 5,000 square foot addition to Fire Station #4 to house fire and police personnel, in an amount not to exceed \$875,000.00. Funds shall come from the Improvement Building Fund.

MOTION CARRIED UNANIMOUSLY

ITEM 18:4-10 OLD BUSINESS

A. Purchase of Budgeted Lawn Mower for Maintenance Department
(Tabled March 13, 2001 Regular Board Meeting)



FOUNDED
1835

GROVELAND TOWNSHIP

Oakland County

TOWNSHIP OF GROVELAND

4695 GRANGE HALL ROAD
HOLLY, MICHIGAN 48442

(248) 634-4152

(248) 627-3585

(248) 634-1351 FAX

WHEREAS, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan, and

WHEREAS, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction.

WHEREAS, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county, and

WHEREAS, The Oakland County Solid Waste Planning committee has prepared such a plan including over two years of meetings, public hearings and the required 90 day comment period, and

WHEREAS, The proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity, and

WHEREAS, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses, and

WHEREAS, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and

WHEREAS, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate, and

WHEREAS, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation, and

WHEREAS, The proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000, and

WHEREAS, the proposed Oakland County Solid Waste management Plan Update of 1999 has now been submitted to our municipality and to all other local units of government in Oakland County, as required by the State of Michigan in P.A. 451, and

WHEREAS, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

NOW THEREFORE BE IT RESOLVED That this community hereby approves the proposed Oakland County Solid Waste management Plan Update of 1999, and

BE IT FURTHER RESOLVED, that this community hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners, and

BE IT FURTHER RESOLVED, that this community wishes to hereby declare its interest in seeing that the programs proposed in the plan be developed during the next five years, and

BE IT FURTHER RESOLVED, that this community hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise, and

BE IT FURTHER RESOLVED, that this community hereby commends the representatives that make up the Oakland County solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life issue for Oakland County communities and businesses.

By action of the Board of Trustees of the Township of Groveland on March 19, 2001 it is hereby resolved that we

 X approve

 disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

Date: March 19, 2001

Supervisor:


Robert DePalma

Clerk:


Pamela Mazich

Witness By:


Dutehen A. Rosdell

CHARTER TOWNSHIP OF
HIGHLAND

Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan

Resolution No. 01-10

By action of the Board of Trustees of the Township of Highland

on March 14, 2001 it is hereby resolved that we:
date

7 approve

0 disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

Community
Seal/Stamp

Date: March 15, 2001

Supervisor Signature: John T. Staker

Township Clerk: Mary L. McDonnell

Witness By: Mildred A. Lewis

Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

RECEIVED

MAR 28 2001

COUNTY EXECUTIVE OFFICE

TOWNSHIP OF HOLLY

Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan

By action of the Board of Trustees of the Township of HOLLY

on 5-15-01 it is hereby resolved that we:
date

✓ approve

 disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

Community
Seal/Stamp

Date: 5-18-01

Supervisor Signature: Garin A

Township Clerk: Garin J. Winchester

Witness By: Karen A. DeLauer

Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

Office of the Clerk
248-634-9331
Fax: 248-634-5482



Dale M. Smith, Supervisor
Karin S. Winchester, Clerk
Bernice M. Alexander, Treasurer
Ronald W. Applegate, Trustee
Gary M. Collins, Trustee

RESOLUTION 2001-07: OAKLAND COUNTY SOLID WASTE PLAN

WHEREAS, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that plan, and

WHEREAS, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction.

WHEREAS, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county, and

WHEREAS, The Oakland County Solid Waste Planning Committee has prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period, and

WHEREAS, The proposed Oakland County Solid waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our boundaries, since the region already has more than 25 years of landfill capacity, and

WHEREAS, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses, and

WHEREAS, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and

WHEREAS, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate, and

WHEREAS, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation, and

Office of the Clerk
248-634-9331
Fax: 248-634-5482



Dale M. Smith, Supervisor
Karin S. Winchester, Clerk
Bernice M. Alexander, Treasurer
Ronald W. Applegate, Trustee
Gary M. Collins, Trustee

WHEREAS, The proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000, and

WHEREAS, The proposed Oakland County Solid Waste Management Plan Update of 1999 has now being submitted to our municipality and to all other local units of government in Oakland County, as required by the State of Michigan in P.A. 451, and

WHEREAS, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

NOW THEREFORE BE IT RESOLVED, That this community hereby approves the proposed Oakland County Solid Waste management Plan Update 1999, and

BE IT FURTHER RESOLVED, that this community hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners, and

BE IT FURTHER RESOLVED, that this community wishes to hereby declares its interest in seeing that the programs proposed in the plan be developed during the next five years, and

BE IT FURTHER RESOLVED, that this community hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise, and

BE IT FURTHER RESOLVED, that this community hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life issue for Oakland County communities and businesses.

ADOPTED by the Holly Township Board of Trustees this 15th day of May, 2001.

Motion by: K. Winchester
Supported by: R. Applegate
Ayes: 4
Nays: 0
Absent: 1

I, Karin S. Winchester, duly elected Clerk of Holly Township, Oakland County, Michigan, do hereby certify that the foregoing is a true and correct copy of a resolution 2001-07 adopted by the Holly Township Board of Trustees at its regular meeting held on May 15, 2001 at which a quorum was present.

Office of the Clerk
248-634-9331
Fax: 248-634-5482



Dale M. Smith, Supervisor
Karin S. Winchester, Clerk
Bernice M. Alexander, Treasurer
Ronald W. Applegate, Trustee
Gary M. Collins, Trustee

Signed: Karin S. Winchester Date: 5-16-01
Karin S. Winchester, Clerk

CHARTER TOWNSHIP OF
INDEPENDENCEResolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management PlanBy action of the Board of Trustees of the Township of Independenceon March 20, 2001 it is hereby resolved that we:
dateX approve disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and
Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for
Oakland County.

Community
Seal/Stamp

Date:

March 20, 2001

Supervisor Signature:

Dale A. Stuart

Township Clerk:

Joan E. McCrary

Witness By:

Rita Burdick

Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

TOWNSHIP OFFICES

(8) 625-5111
(248) 625-2585

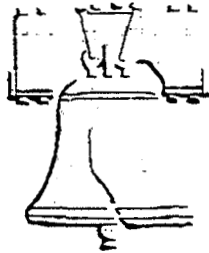
DALE A. STUART
Supervisor

DAN E. McCARRY
Jrk

JAMES R. WENGER
Treasurer

TOWNSHIP TRUSTEES

DANIEL J. KELLY
LARRY ROSSO
DANIEL F. TRAVIS
DAVID W. WAGNER

**CHARTER TOWNSHIP OF INDEPENDENCE**

90 NORTH MAIN STREET PO. BOX 69 CLARKSTON, MICHIGAN 48347-0069

RESOLUTION**1999 Update of the Oakland County Solid Waste Management Plan**

Whereas, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan, and

Whereas, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction.

Whereas, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county, and

Whereas, the Oakland County Solid Waste Planning Committee has prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period, and

Whereas, the proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity, and

Whereas, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses, and

Whereas, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and

Whereas, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate, and

Whereas, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation, and

Whereas, the proposed Oakland County Solid Waste Management Plan Update of 1999 has now been submitted to our municipality and to all other local units of government in Oakland County, as required by the State of Michigan in P.A. 451, and

Whereas, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

Now therefore be it Resolved, that this community hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999, and

Be it Further Resolved, that this community hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners, and

Be it Further Resolved, that his community wishes to hereby declare its interest in seeing that the programs proposed in the plan be developed during the next five years, and

Be it Further Resolved, that this community hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise, and

Be it Further Resolved, that this community hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality for life issue for Oakland County communities and businesses.

REC

JUN 2001

Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan

By action of the City Council of the City of Keego Harbor
on April 19, 2001 it is hereby resolved that we:
date

5-0 ✓ approve

disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

Community
Seal/Stamp

Date: April 19, 2001
Motion: Councilman Burns
Support: Councilman Wood
Approve: Parker, Doyle, Burns, Wood, Seabolt
Disapprove: None
Absent: None
Signature: Dorothy J. Zarzecki
City Clerk

Please complete this form and return by ~~April 4, 2001~~ to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

CHARTER TOWNSHIP OF
LYON**Oakland County Solid Waste Management Plan Resolution
Charter Township of Lyon**

Whereas, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan, and

Whereas, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction.

Whereas, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county, and

Whereas, The Oakland County Solid Waste Planning Committee has prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period, and

Whereas, The proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity, and

Whereas, the plan establishes a new commitment to towering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland county residents and businesses, and

Whereas, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and

Whereas, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate, and

Whereas, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation, and.

Whereas; The proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000, and

Whereas, The proposed Oakland County Solid Waste Management Plan Update of 1999 has now being submitting to our municipality and to all other local units of government in Oakland County, as required by the State of Michigan in P.A. 451, and

Whereas, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

Now Therefore be It Resolved That this community hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999, and

Be It Further Resolved, that this community hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners, and

Be It Further Resolved, that this community wishes to hereby declares its interest in seeing that the programs proposed in the plan be developed during the next five years, and

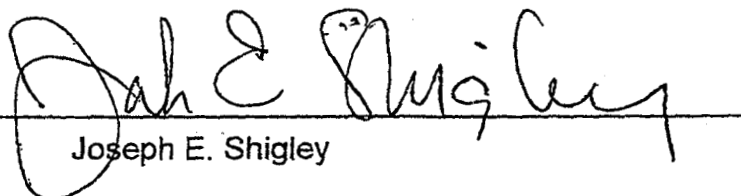
Be It Further Resolved that this community hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise, and

Be It Further Resolved, that this community hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life issue for Oakland County communities and businesses.

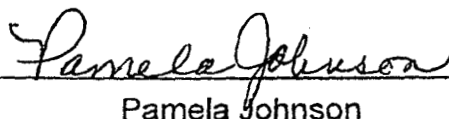
By action of the Board of Trustees of the Charter Township of Lyon on April 2, 2001 it is hereby resolved that we approve the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451,1994 as amended, and the rules promulgated thereunder, for Oakland County.

Date: April 19, 2001

Township Supervisor:


Joseph E. Shigley

Township Clerk:


Pamela Johnson

CHARTER TOWNSHIP OF
MILFORD

RESOLUTION FOR 1999 UPDATE
OF THE
OAKLAND COUNTY SOLID WASTE MANAGEMENT PLAN

Whereas, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan, and

Whereas, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction.

Whereas, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county, and

Whereas, The Oakland County Solid Waste Planning Committee has prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period, and

Whereas, The proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity, and

Whereas, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses, and

Whereas, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and

Whereas, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate, and

Whereas, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation, and

Whereas, The proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000, and

Whereas, The proposed Oakland County Solid Waste Management Plan Update of 1999 has been submitted to Milford Township and to all other local units of government in Oakland County, as required by the State of Michigan in P.A. 451, and

Whereas, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

Now Therefore be It Resolved that Milford Township hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999, and

Be It Further Resolved that Milford Township hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners, and

Be It Further Resolved that Milford Township wishes to hereby declare its interest in seeing that the programs proposed in the plan be developed during the next five years, and

Be It Further Resolved that Milford Township hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise, and

Be It Further Resolved that Milford Township hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life issue for Oakland County communities and businesses.

**RESOLUTION FOR 1999 UPDATE
OF THE
OAKLAND COUNTY SOLID WASTE MANAGEMENT PLAN**

By action of the Board of Trustees of the Township of Milford
on March 21, 2001 it is hereby resolved that we:

Six approve

Zero disapprove

One Absent

the 2000 Solid Waste Management Plan Update, prepared pursuant to the
Natural Resources and Environmental Protection Act, P.A. 451, 1994 as
amended, and the rules promulgated thereunder, for Oakland County.

Date: June 1, 2001

Supervisor Signature: *Donald Green*

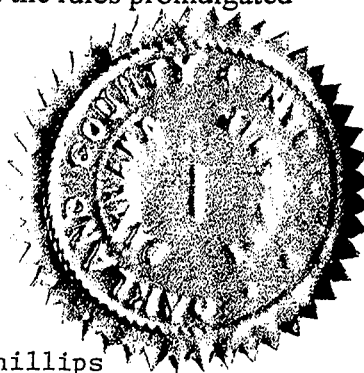
Clerk Signature: *Colleen Schwartz*

Witnessed By: *Holly Lauridsen*

Resolution for Approval or Disapproval of the
1999 Update of the Oakland County Solid Waste Management Plan

X _____ Approved _____
 _____ Disapprove _____

Signature: Lisa M. Platz
Lisa Platz, Township Clerk





CHARTER TOWNSHIP OF
ORION


Charter Township of Orion

2525 Joslyn Road • Lake Orion, Michigan 48360 • (248) 391-0304 • Fax (248) 391-9984

May 4, 2001

To Whom It May Concern:

I, Jill D. Bastian, duly elected Clerk of the Charter Township of Orion, do hereby certify the attached is a true copy of an excerpt of the approved minutes of the regular meeting of the Orion Township Board held Monday, March 19, 2001, regarding approval of the 1999 Update of the Oakland County Solid Waste Management Plan.


Jill D. Bastian, Clerk
Charter Township of Orion
Date: 5.04.01

**CHARTER TOWNSHIP OF ORION BOARD OF TRUSTEES
MINUTES, REGULAR MEETING, MONDAY, MARCH 19, 2001**

F. Household Hazardous Waste Collection Initiative Resolution. It was noted that no financial obligation is required at this time.

Moved by Wilson, seconded by Gingell, to adopt the Household Hazardous Waste Collection Initiative Resolution, as presented, and direct the Clerk to forward a certified copy of the resolution to Martin Seaman, Director of Solid Waste for Oakland County. AYES: Bastian, Wilson, Gingell, Marleau, Dywasuk, Tomczak, Fetzer. NAYS: None. MOTION CARRIED: 7-0.

G. Household Hazardous Waste Collection Contract. Board discussion of the five (5) communities equally sharing in the balance of the cost if the 300-vehicle minimum is not met.

Moved by Gingell, seconded by Dywasuk, to authorize the Supervisor to sign the contract on behalf of the Township, between the Charter Township of Orion and four (4) other communities and Onyx Environmental Services, LLC, for a Household Hazardous Waste Collection event on Saturday, May 5, 2001 at Eagle Valley Recycling & Disposal Facility. The rate schedule to be \$50 per vehicle with a 300-vehicle minimum, amended to read, "In the event that the 300-vehicle minimum is not met, each governing body will be committed to an equal amount of the cost differential between the minimum number of cars and the actual cars participating. AYES: Tomczak, Bastian, Marleau, Wilson, Dywasuk, Fetzer, Gingell. NAYS: None. MOTION CARRIED: 7-0.

H. Oakland County Solid Waste Management Plan Update. It was noted that Oakland County must maintain enough landfill space for the next 5 years.

Moved by Bastian, seconded by Gingell, to approve the Oakland County Solid Waste Management Plan Update and direct the Supervisor to inform the County of the Township Board action. AYES: Bastian, Marleau, Wilson, Fetzer, Dywasuk, Gingell, Tomczak. NAYS: None. MOTION CARRIED: 7-0.

Moved by Bastian, seconded by Gingell, to extend the meeting to complete the Agenda. AYES: 5. NAYS: 2. MOTION FAILED: 5-2 (A unanimous vote is required to allow a meeting to proceed beyond 11:00 p.m.).

After further Board discussion of the necessity to take action on the remaining Pending Business items, moved by Gingell, seconded by Wilson, to extend the meeting through 11:30 p.m. AYES: All. NAYS: None. MOTION CARRIED: 7-0.

N. Brown Road Sanitary Sewer Study. Matt Pilarz, Township engineering consultant, presented a proposal for OHM to conduct a study of the sanitary sewer in the moratorium area on Brown Road between Baldwin and Joslyn Roads, and north of Brown to Judah, to look at sanitary sewer service for the entire area, identify alternate solutions, and make recommendations. He confirmed that Oakland County would be able to provide GIS data.



Charter Township of Orion

2525 Joslyn Road • Lake Orion, Michigan 48360 • (248) 391-0304 • Fax (248) 391-9984
XXXXXX
393-6858

May 4, 2001

Mr. L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

RE: 1999 Update of the Oakland County Solid Waste Management Plan

Dear Mr. Patterson,

The Charter Township of Orion Board of Trustees, at its regular meeting of Monday, March 19, 2001, approved the 1999 Oakland County Solid Waste Management Plan Update, as presented. Enclosed is a certified copy of the minutes of the March 19, 2001 meeting indicating the action taken by the Board.

If you have any questions, please call me.

Sincerely,

Charter Township of Orion

Gerald A. Dywasuk
Supervisor

GAD:jms

enclosure

cc: Township Board

Martin J. Seaman, O.C. Solid Waste Mgt. Div.

CHARTER TOWNSHIP OF
OXFORD

CHARTER TOWNSHIP OF OXFORD
COUNTY OF OAKLAND
STATE OF MICHIGAN

Resolution for Approval or Disapproval
Of the
1999 Update of the Oakland County Solid Waste Management Plan

By action of the Board of Trustees of the Charter Township of Oxford on April 11, 2001 it is hereby resolved that we:

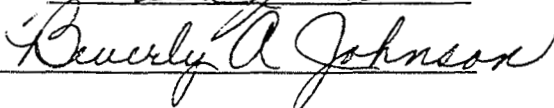
 X approve
 disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources, and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

Date: 4/16/01


Supervisor Signature: 

Township Clerk: 

Witness By: 

STATE OF MICHIGAN)
)SS
COUNTY OF OAKLAND)

I, Clara J. Sanderson, CMC, duly elected Clerk of the Charter Township of Oxford do hereby certify that the foregoing is a complete and true copy of a Resolution adopted by the Charter Township of Oxford at a meeting of the Board of Trustees held on the 11th day of April, 2001.


Clara J. Sanderson, CMC, Clerk

RECEIVED APR 23 2001



CHARTER TOWNSHIP OF OXFORD

18 West Burdick Street

P. O. Box 3

Oxford, Michigan 48371-0003

Phone 248/628-9787 Fax 248/628-8139

April 18, 2001

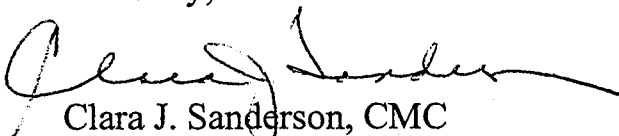
Martin J. Seaman, Manager
Solid Waste Management Division
Oakland County of Michigan
One Public Works Drive
Waterford, Michigan 49328-1907

Dear Mr. Seaman:

Attached please find a certified copy of an adopted Resolution approving the 1999 Update of the Oakland County Solid Waste Management Plan by the Charter Township of Oxford Board of Trustees at a regular meeting held on April 11, 2001.

If you have any questions or need additional information, please contact my office at 248-628-9787 #5.

Sincerely,


Clara J. Sanderson, CMC
Township Clerk

**Notification of Approval of the 1999 Update of The
Oakland County Solid Waste Management Plan**

You are hereby informed that the Rose Township Board of Trustees on May 9, 2001 adopted the attached resolution approving the 1999 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

Township Supervisor: Chester W. Koop Date: 5/10/01
Chester W. Koop

Township Clerk: Alison K. Kalcec Date: 5/10/01
Alison K. Kalcec

Resolution Approving the 1999 Update of the Oakland County Solid Waste Management Plan

Whereas, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan, and

Whereas, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction, and

Whereas, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county, and

Whereas, The Oakland County Solid Waste Planning Committee has prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period, and

Whereas, The proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity, and

Whereas, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland county residents and businesses, and

Whereas, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and

Whereas, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate, and

Whereas, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation, and.

Whereas, The proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000, and

Whereas, The proposed Oakland County Solid Waste Management Plan Update of 1999 has now being submitting to our municipality and to all other local units of government in Oakland County, as required by the State of Michigan in P.A. 451, and

Whereas, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process,

Now Therefore be It Resolved, that Rose Township hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999, and

Be It Further Resolved, that Rose Township hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners, and

Be It Further Resolved, that Rose Township wishes to hereby declares its interest in seeing that the programs proposed in the plan be developed during the next five years, and

Be It Further Resolved, that, Rose Township hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise, and

Be It Further Resolved, that, Rose Township hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life issue for Oakland County communities and businesses.

Motion by: Kalcec Seconded by: Slaughter

Upon a roll call vote, the following voted:

“Aye” Slaughter, Gordon, Kalcec, Koop, and Walls

“Nay”

The resolution is adopted

CERTIFICATION

I, Alison Kalcec, duly elected Clerk of the Township of Rose, hereby certify that the foregoing is a true and correct copy of a Resolution adopted unanimously by the Rose Township Board of Trustees at their regular meeting held on May 9, 2001.



Alison Kalcec, Clerk
Rose Township

TOWNSHIP OF SOUTHFIELD

**Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan**

By action of the Board of Trustees of the Township of Southfield

on May 8, 2001 it is hereby resolved that we:
date

 X approve

 disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

*Community
Seal/Stamp*

Date: May 8, 2001

Supervisor Signature: *R. Emille*

Township Clerk: *Sharon Tichler*

Witness By: *Shanda L. Baniszewski*

Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

Southfield Township

OFFICERS

Raymond Mills, *Supervisor*
Sharon Tischler, *Clerk*
Nancy Buschmohle, *Treasurer*

TRUSTEES

John E. Breen
I. Jack Fahlen
Richard N. Holloway
J. Whitfield Jones

RESOLUTION APPROVING THE OAKLAND COUNTY SOLID WASTE MANAGEMENT PLAN UPDATE OF 1999

Resolved by Tischler, seconded by Fahlen, that the following resolution be adopted:

WHEREAS, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan, and

WHEREAS, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction, and

WHEREAS, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county, and

WHEREAS, the Oakland County Solid Waste Planning Committee has prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period, and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity, and

WHEREAS, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses, and

WHEREAS, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and

WHEREAS, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate, and

WHEREAS, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation, and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000, and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 has now being submitting to our municipality and to all other local units of government in Oakland County, as required by the State of Michigan in P.A. 451, and

WHEREAS, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

NOW, THEREFORE, BE IT RESOLVED that the Township of Southfield hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999, and

BE IT FURTHER RESOLVED that the Township of Southfield hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners, and

BE IT FURTHER RESOLVED that the Township of Southfield wishes to hereby declare its interest in seeing that the programs proposed in the Plan be developed during the next five years, and

BE IT FURTHER RESOLVED that the Township of Southfield hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial, and organizational issues we may raise, and

BE IT FURTHER RESOLVED that the Township of Southfield hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life issue for Oakland County communities and businesses.

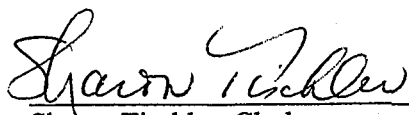
ROLL CALL:

Ayes: Buschmohle, Breen, Fahlen, Jones, Holloway, Mills, Tischler

No: None

CERTIFICATION OF THE CLERK:

I, Sharon Tischler, being the duly appointed and qualified Clerk of the Township of Southfield, Oakland County, Michigan, do hereby certify and declare that the foregoing is a true and correct copy of a Resolution adopted by the Township of Southfield at a regular meeting thereof held on May 8, 2001.


Sharon Tischler, Clerk

**Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan**

By action of the Board of Trustees of the Township of Springfield

on May 10, 2001 it is hereby resolved that we:
date

7 approve


0 disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

*Community
Seal/Stamp*

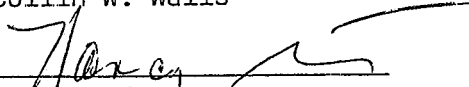
Date: May 11, 2001

Supervisor Signature: _____



Collin W. Walls

Township Clerk: _____



Nancy Strole

Witness By: _____



Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

CHARTER TOWNSHIP OF WATERFORD

1-2

Oakland County Solid Waste Management Plan Resolution For Charter Township of Waterford

Whereas, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan, and

Whereas, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction, and

Whereas, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county, and

Whereas, the Oakland County Solid Waste Planning Committee has prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period, and

Whereas, The proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity, and

Whereas, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses, and

Whereas, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and

Whereas, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate, and

Whereas, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation, and

Whereas, The proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000, and

Whereas, The proposed Oakland County Solid Waste Management Plan Update of 1999 is now being submitted to our municipality and to all other local units of government in Oakland County, as required by the State of Michigan in P.A. 451, and

Whereas, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process,

Now Therefore Be It Resolved, That the Charter Township of Waterford hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999, and

Be It Further Resolved, that the Charter Township of Waterford hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners, and

Be It Further Resolved, that the Charter Township of Waterford wishes to hereby declare its interest in seeing that the programs proposed in the plan be developed during the next five years, and

Be It Further Resolved, that the Charter Township of Waterford hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise, and

Be It Further Resolved, that the Charter Township of Waterford hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life issue for Oakland County communities and businesses.

Resolution for Approval or Disapproval
Of the
1999 Update of the Oakland County Solid Waste Management Plan

By action of the Board of Trustees of the Township of Waterford

On March 26, 2001 it is hereby resolved that we approve.
date

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

Date:

May 3, 2001

Supervisor Signature:

Carl W. Golder

Township Clerk:

Betty Linton

Witness By:

Karen Presson, Deputy Clerk

VILLAGE OF BINGHAM
FARMS

Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan

By action of the Village Council of the Village of Bingham Farms, Michigan

on April 23, 2001 it is hereby resolved that we:
date

XX approve Resolution # 01-06

 disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

*Community
Seal/Stamp*

Date: April 23, 2001

Motion: Delores Tripp

Support: M. Ettenson

Approve: M.J. Bauer, D. Leckie, D. Tripp, M. Ettenson, T. Wells, W. Freeman

Disapprove: None

Absent: R. Zimmermann

Signature: Kathryn O. Hageman
Village Clerk Kathryn Hageman

Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

Part 1 Resolution

Whereas, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan, and

Whereas, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction.

Whereas, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county, and

Whereas, The Oakland County Solid Waste Planning Committee has prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period, and

Whereas, The proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity, and

Whereas, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and business, and

Whereas, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and business to handle solid waste and recyclable, and

Whereas, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate, and

Whereas, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and business in moving forward with plan implementation, and.

Whereas, The proposed Oakland County Solid Waste Management Plan Updated of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000, and

Whereas, The proposed Oakland County Solid Waste Management Plan Updated of 1999 has now being submitting to our municipality and to all other local units of government in Oakland County, as required by the State of Michigan in P.A. 451, and

Whereas, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

Now Therefore be it Resolved That this community hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999, and

Be it further resolved, that this community hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners, and

Be it further resolved, that this community wishes to hereby declares its interest in seeing that the programs proposed in the plan be developed during the next five years, and

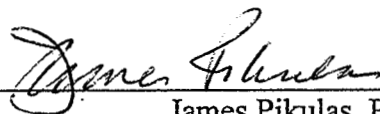
Be it further resolved, that this community hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise, and

Be it further resolved, that this community hereby commends he representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life issue for Oakland County communities and businesses.

AYES: *Pikulas, Saltzman, Sosin, Harnisch*

NAYES: *None*

ABSENT: *Coyer, Gallasch, McElroy*



James Pikulas, President
Village of Franklin



Eileen Pulker, Village Clerk
Village of Franklin

1999 Update of the Oakland County Solid Waste Management Plan

By action of the Village Council of the Village of Franklin on April 9, 2001 it is hereby resolved that we:

 x approve

 disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

Date: April 9, 2001

Motion: Sosin

Support: Saltzman

Approve: Pikulas, Saltzman, Sosin, Harnisch

Disapprove: None

Absent: Coyer, Gallasch, McElroy

Signature: Eileen H. Pulker
Eileen H. Pulker, Village Clerk

**RESOLUTION 2001-45
RESOLUTION APPROVING THE OAKLAND
COUNTY SOLID WASTE PLAN**

WHEREAS, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan; and

WHEREAS, the solid waste plan must address disposition of the County's solid waste for the next ten years; and present a system for management of that solid waste, including disposal, recycling, composting and source reduction; and

WHEREAS, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county; and

WHEREAS, The Oakland County Solid Waste Planning Committee has prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period; and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than twenty-five years of landfill capacity; and

WHEREAS, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland County residents and businesses; and

WHEREAS, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables; and

WHEREAS, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate; and

WHEREAS, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation; and

WHEREAS, The proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000; and

WHEREAS, the proposed Oakland County Solid Waste Management Plan Update of 1999 has now been submitted to our municipality and to all other local units of government in Oakland County, as required by the State of Michigan in P.A. 451; and

WHEREAS, approval of at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

NOW, THEREFORE BE IT RESOLVED, that the Village of Holly hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999; and

BE IT FURTHER RESOLVED, that the Village of Holly hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners; and

BE IT FURTHER RESOLVED, that the Village of Holly wishes to hereby declare its interest in seeing that the programs proposed in the plan be developed during the next five years; and

BE IT FURTHER RESOLVED, that the Village of Holly hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise; and

BE IT FURTHER RESOLVED, that the Village of Holly hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life issues for Oakland County communities and businesses.

Motion Clark, second Kenner, adoption of the foregoing resolution.

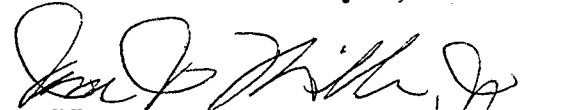
Voting for: Clark, Winglemire, Kenner, Campbell, Davidson, Kuyk, Miller

Voting against: None

Absent: None

The Village President declared the resolution adopted.

Dated: May 22, 2001



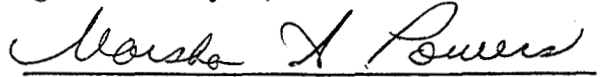
Jesse J. Miller, Jr. Village President



**Marsha A. Powers, CMC-CMFA
Clerk-Treasurer**

CERTIFICATION

The foregoing is a true copy of Resolution 2001-45 which was enacted by the Village Council of the Village of Holly at a regular meeting held on May 22, 2001.

A handwritten signature in cursive script, reading "Marsha A. Powers", written over a horizontal line.

Marsha A. Powers, CMC-CMFA
Clerk-Treasurer

Resolution
Oakland County Solid Waste Management Plan

WHEREAS, Public Act 451 of 1994, as amended, requires that each County prepare a five year update of its Solid Waste Management Plan or allow the State to prepare that Plan, and

WHEREAS, the Plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste including disposal, recycling, composting and source reduction, and

WHEREAS, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of its communities can be accommodated in ways that will enhance the unique economic and environmental characteristics of Oakland County, and

WHEREAS, the proposed Oakland County Solid Waste Management Plan update of 1999 provides for access to landfill capacity needed by the communities for the next ten years without resorting to siting any new landfills within its boundaries, and

WHEREAS, the Plan establishes a 30% goal for recycling over the five year planning period which represents a significant increase over the current 18% recycling rate, and

WHEREAS, the proposed Oakland County Solid Waste Management Plan update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000,

NOW THEREFORE BE IT RESOLVED: that the Village Council of the Village of Lake Orion does hereby approve the proposed Oakland County Solid Waste Management Plan update of 1999, and

BE IT FURTHER RESOLVED: that the Village Council of the Village of Lake Orion does hereby authorize the Village Clerk to transmit a certified copy of this Resolution to the Oakland County Executive and to the Oakland County Board of Commissioners.

Moved by President ProTem Van Portfliet, seconded by Member Goodman

AYES 6 NAYS 0 ABSENT 1 (Stephen) Motion Carried

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the Village Council of the Village of Lake Orion, Oakland County, Michigan, at a regular meeting held on March 12, 2001, and that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, as amended, and that the minutes of said meeting were kept and will be or have been made available as required by said Act.



Arlene M. Nichols, Village Clerk

Resolution

Oakland County Solid Waste Management Plan

WHEREAS, Public Act 451 of 1994, as amended, requires that each County prepare a five year update of its Solid Waste Management Plan or allow the State to prepare that Plan, and

WHEREAS, the Plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste including disposal, recycling, composting and source reduction, and

WHEREAS, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of its communities can be accommodated in ways that will enhance the unique economic and environmental characteristics of Oakland County, and

WHEREAS, the proposed Oakland County Solid Waste Management Plan update of 1999 provides for access to landfill capacity needed by the communities for the next ten years without resorting to siting any new landfills within its boundaries, and

WHEREAS, the Plan establishes a 30% goal for recycling over the five year planning period which represents a significant increase over the current 18% recycling rate, and

WHEREAS, the proposed Oakland County Solid Waste Management Plan update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000,

NOW THEREFORE BE IT RESOLVED: that the Village Council of the Village of Lake Orion does hereby approve the proposed Oakland County Solid Waste Management Plan update of 1999, and

BE IT FURTHER RESOLVED: that the Village Council of the Village of Lake Orion does hereby authorize the Village Clerk to transmit a certified copy of this Resolution to the Oakland County Executive and to the Oakland County Board of Commissioners.

Moved by President ProTem Van Portfliet, seconded by Member Goodman

AYES 6 NAYS 0 ABSENT 1 (Stephen) Motion Carried

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the Village Council of the Village of Lake Orion, Oakland County, Michigan, at a regular meeting held on March 12, 2001, and that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, as amended, and that the minutes of said meeting were kept and will be or have been made available as required by said Act.



Arlene M. Nichols, Village Clerk

VILLAGE OF LEONARD

Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan

By action of the Village Council of the Village of Leonard
on May 14, 2001 it is hereby resolved that we:
date

✓ approve
 disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

Date: 5-14-01

Motion: Mrs. Charlene Sutherby

Support: Mrs. Blanka

Approve: Mrs. Blanka, Mrs. Sutherby, President Mallia,
Mr. Douglas, Mr. Almerant

Disapprove: NONE

Absent: Mrs. Ostrander, Mr. Rathburg

Signature: Cindy Oehler
Village Clerk

Community
Seal/Stamp

Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

**Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan**

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

RECEIVED MAY 04 2001

**Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan**

By action of the Village Council of the Village of RILFORD
on April 2, 2001 it is hereby resolved that we:

approve

disapprove

the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

Community Seal/Stamp

Date: 4-2-01

Motion: Fowkes

Support: Weeks

Approve: Aubry, Vieracker, Kovach, Smith, Weeks, Fawkes

Disapprove: _____

Absent: Nader

Signature: Ann Collins
Village Clerk

Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

the hearts and promote the well being of present and future generations.

Adopt Resolution 01-002, 2000 Update of the Oakland County Solid Waste Management Plan

CM-04-213-01 Fowkes moved, Weeks seconded, to adopt Resolution 01-002, approving the 2000 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act. P.A., 1994 as amended, and the rules promulgated thereunder, for Oakland County. Motion **CARRIED** Nader **ABSENT**

Set Public Hearing for April 16, 2001 to Establish the 2001 Parking Authority Special Assessment District

CM-04-214-01 Fowkes moved, Kovach seconded, to set a Public Hearing April 16, 2001 to Establish the Parking Authority Special Assessment District for 2001. Motion **CARRIED**

Set Public Hearing for May 7, 2001 to Consider Reallocation of CDBG funds to Ride With Pride Program

CM-04-215-01 Fowkes moved, Weeks seconded, to set a Public Hearing May 7, 2001 to consider reallocating \$5,000 from sidewalks to Ride With Pride. Motion **CARRIED**

Appoint President Pro-tem

Smith nominated Nader for President Pro-tem.

CM-04-216-04 Fowkes moved, Weeks seconded, to appoint Thomas Nader as President Pro-tem. Motion **CARRIED**

CALL TO THE PUBLIC

Christy Willie, 216 Clinton, voiced her concern regarding traffic cutting through Water and Clinton Streets trying to beat the light at S. Main and Huron Streets. She said traffic is speeding and she offered to set up a residential traffic committee.

Shufflebarger was directed to ask the Police Chief to contact Ms. Willie.

Brian Weaver, 1181 S Milford Road, voiced his concerns with truck traffic speeding 40 to 60 mph in front of his house.

John Riley, 1205 S Milford Road, agreed with Mr. Weaver, he said they do not slow down

VILLAGE OF WOLVERINE LAKE

Village of Wolverine Lake
March 19, 2001

Whereas, Michigan's Public Act 451 requires that each County prepare a five year update of their County Solid Waste Management Plan, or allow the Michigan Department of Environmental Quality to prepare that Plan, and

Whereas, the solid waste plan must address disposition of the County's solid waste for the next 10 years, and present a system for management of that solid waste, including disposal, recycling, composting and source reduction.

Whereas, Oakland County has chosen to prepare its own five year update so that the special solid waste management requirements of our communities and businesses are accommodated in ways that will enhance rather than diminish the unique economic and environmental characteristics of our county, and

Whereas, The Oakland County Solid Waste Planning Committee has prepared such a plan, including over two years of meetings, public hearings and the required 90 day comment period, and

Whereas, The proposed Oakland County Solid Waste Management Plan Update of 1999 provides for access to the landfill capacity needed by our communities and businesses for the next ten years without resorting to siting any new landfills within our own boundaries, since the region already has more than 25 years of landfill capacity, and

Whereas, the plan establishes a new commitment to lowering costs for waste management services while increasing the scope of those services to include comprehensive recycling for all Oakland county residents and businesses, and

Whereas, the plan envisions a network of transfer stations and recycling facilities that will provide convenient, cost effective and environmentally responsible ways for our communities and businesses to handle solid waste and recyclables, and

Whereas, the plan establishes a 30% goal for recycling over the five year planning period, which represents a significant yet very achievable increase over the current 18% recycling rate, and

Whereas, achieving these goals will require commitment and cooperation of all municipalities as well as the County and area residents and businesses in moving forward with plan implementation, and.

Whereas, The proposed Oakland County Solid Waste Management Plan Update of 1999 was approved by the Oakland County Board of Commissioners on June 15, 2000, and

Whereas, The proposed Oakland County Solid Waste Management Plan Update of 1999 has now being submitting to our municipality and to all other local units of government in Oakland County, as required by the State of Michigan in P.A. 451, and

Whereas, approval by at least 67% of the local units of government in the County (41 local units) is required in order for the County to then submit the Plan to the Michigan Department of Environmental Quality (MDEQ) for their 90 day final review and approval process.

Now Therefore be It Resolved That this community hereby approves the proposed Oakland County Solid Waste Management Plan Update of 1999, and

**Resolution for Approval or Disapproval
of the
1999 Update of the Oakland County Solid Waste Management Plan**

By action of the Village Council of the Village of Wolverine Lake on Monday March 19, 2001 it is hereby resolved that we:

_____X_____approve

_____disapprove

the 1999 Solid Waste Management Plan Update, prepared pursuant to the Natural Resources and Environmental Protection Act, P.A. 451, 1994 as amended, and the rules promulgated thereunder, for Oakland County.

Community
Seal/Stamp

Date: March 19, 2001

Motion: Gualdoni


Support: Vickers

Approve: Renwick, Smith, Vickers, Wilner, Kempf, Donnelly, Gualdoni

Disapprove: None

Absent: None

Signature: _____



3-20-01

Rita Irwin – Village Clerk

Please complete this form and return by April 1, 2001 to:

L. Brooks Patterson, County Executive
Oakland County Executive Building
1200 N. Telegraph Rd.
Pontiac, MI 48503

Be It Further Resolved, that this community hereby authorizes transmittal of its resolution of approval to the Oakland County Executive and the Oakland County Board of Commissioners, and Be It Further Resolved, that this community wishes to hereby declares its interest in seeing that the programs proposed' in the plan be developed during the next five years, and

Be It Further Resolved, that this community hereby declares its intent to participate in these programs should satisfactory answers be found to all technical, financial and organizational issues we may raise, and

Be It Further Resolved, that this community hereby commends the representatives that make up the Oakland County Solid Waste Planning Committee for their commitment and hard work in addressing this important environmental and quality of life issue for Oakland County communities and businesses.

I, Rita L. Irwin, Clerk for the Village of Wolverine Lake, do hereby certify this is a true and correct copy of a resolution adopted by Council on March 19, 2001.

 3-20, 01
Rita L. Irwin – Village Clerk

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.

The County Board's adoption of the Plan is intended as a demonstration of the County's acceptance of responsibilities for implementing the Plan as follows:

This timetable is a guideline to implement components of the Plan's Enforceable Program. The Timeline gives a range of time in which the component will be implemented such as "1999-2000" or "On-going." Timelines may be adjusted later, if necessary.

Management Components	Timeline
1) Develop/Adopt Implementation Action Plan	2000
2) Assist Local Units in Organizational Development	2000-2001
3) Preliminary Program Specifications for Planned Programs	2000-2001
4) Establish Budgets for Planned Programs	2000-2001
5) Finalize Plans for Organizational System Development by Locals	2000-2001
6) Develop Additional Recycling Processing Capacity	2000-2001
7) Initiate all Outreach/Education Programs	2000-2001
8) Procure all Other System Improvements	2000-2003
9) Evaluation of Need for Transfer, Processing and MRF Capacity	2001-2002
10) Develop Transfer, Processing and MRF Capacity if Needed	2002-2006
11) Evaluate Incentive Programs, as needed	2002-2006
12) Develop Program Specifications for Further Program Expansion	2001-2003
13) Establish Budgets for Further Program Expansion	2005-2006
14) Finalize Any Upgrades to Funding Structure and Mechanisms	2005-2006
15) Initiate Further Expansion of Outreach/Education Programs	2005-2006
16) Implement all Further Program Expansion System Improvements	2006-2008
17) Data Tracking to Assess Program Performance	Annual/Ongoing
18) Update Implementation Action Plan	Annual/Ongoing

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ATTACHMENTS

ATTACHMENTS

The following attachments are included as part of the Plan.

ATTACHMENT A: Resolutions from County Board of Commissioners designating the Northville will not be included in this Solid Waste Plan; also, Resolution from Wayne County indicating the inclusion of Northville in its Solid Waste Plan.

ATTACHMENT B: Listed Capacity

Letters from Area landfills demonstrating capacity available to Oakland County

ATTACHMENT C: Maps

Map showing locations of solid waste disposal facilities used by the County; map showing Designated Facilities in Oakland County (current and new Plan designations)

ATTACHMENT D: Inter-County Agreements

Not applicable

ATTACHMENT E: Detailed population data

Detailed population data in chart form.

ATTACHMENT F: Waste Generation Data

Detailed waste generation data and calculations

ATTACHMENT G: Special Conditions

Information on Import/Export limitations and conditions.

ATTACHMENT H: Final Report of the Oakland County Solid Waste Planning Committee

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ATTACHMENT A

RESOLUTIONS

- Letters from the City of Northville
- Resolution by the Oakland County Board of Commissioners
- Resolution by the Wayne County Board of Commissioners

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September 10, 1997

Gary L. Word, Manager
City of Northville
215 West Main Street
Northville, Michigan 48167

Re: Act 451 Solid Waste Management Plan Update
Oakland County

Dear Mr. Word:

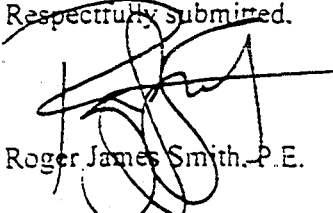
The Michigan Department of Environmental Quality has requested that each county update its solid waste management plan. Oakland County has therefore started the process. Historically, Northville has been incorporated within the Wayne County solid waste planning process and we are assuming that this association will continue.

Section 11536 of Act 451 of 1994 as amended provides that such an arrangement shall be approved by a resolution of the County boards of commissioners of the counties involved. In order that proper records may be kept on this issue, we proposed that the following process be initiated.

1. Northville should request of both Oakland and Wayne counties that the community continue to be included within the Wayne County solid waste management plan.
2. Each Board of Commissioners would adopt a resolution approving of such an arrangement, forwarding a copy to Northville and the other county.
3. The two Board resolutions and Northville's request then become published records in Appendix E of each county's Plan Update as required by the Michigan Department of Environmental Quality standard plan format which was issued to the solid waste planning agencies this past week.

Thanks much for your assistance on this matter and upon receipt of Northville's request, we will immediately process the appropriate Board resolution for approval.

Respectfully submitted,


Roger James Smith, P.E.

Attachment

cc: Robert Fredericks, Interim Director, Wayne County Land Resources Management Division



215 W. Main Street • Northville, Michigan 48167-1599

Phone: (810) 349-1300 • FAX: (810) 349-9244

November 17, 1997

Mr. Roger James Smith, PE
Public Works Building
1 Public Works Drive
Waterford, MI 48328-1907

Re: Act 451 Solid Waste Management Plan Update

Dear Mr. Smith,

The City of Northville is aware that the Michigan Department of Environmental Quality has requested that each County update its solid waste management plan. Northville, which is located in both Oakland County and Wayne County, has in the past been placed within the Wayne County solid waste planning process. The City is comfortable with this arrangement, and respectfully requests that it remain with Wayne County and be excluded from the Oakland County planning process.

Should you have any questions concerning this matter, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script, appearing to read "James P. Gallogly".

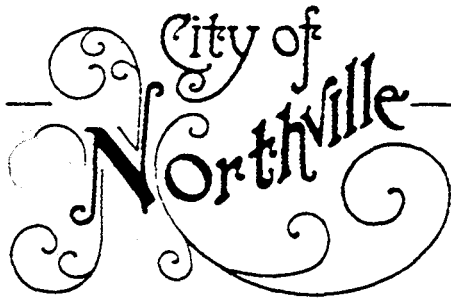
James P. Gallogly
Public Works Director

cc: Gary Word, City Manager
Robert Fredericks, Director Wayne County Land Resources Management Division

RECEIVED

NOV 19 1997

**OAKLAND COUNTY
FACILITIES MANAGEMENT**



20 NOV 97 9
-W.C. LUC-

215 W. Main Street • Northville, Michigan 48167-1599
Phone: (810) 349-1300 • FAX: (810) 349-9244

November 17, 1997

Mr. Robert Fredericks, Interim Director
Wayne County Land Resources Management Division
415 Clifford Street
Detroit, MI 48226

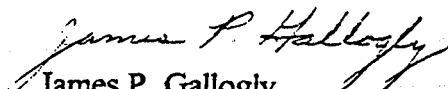
Re: Act 451 Solid Waste Management Plan Update

Dear Mr. Fredericks:

The City of Northville is aware that the Michigan Department of Environmental Quality has requested that each County update its solid waste management plan. As you begin this process for Wayne County, Northville respectfully requests that it be included in the Wayne County solid waste management plan. Northville, as you know is located in both Oakland County and Wayne County. Historically, the City has been incorporated within the Wayne County solid waste planning process, and we would like this association to continue.

Should you have any questions concerning this matter, please feel free to contact me.

Sincerely,


James P. Gallogly
Public Works Director

cc: Gary Word, City Manager
Roger Smith, Manager Oakland County Solid Waste Management Division

November 20, 1997

Mr. Charles Palmer, Chairperson
Planning and Building Committee
Oakland County Board of Commissioners
Pontiac, Michigan

Re: Solid Waste Management Plan Update
City of Northville

Dear Mr. Palmer:

Section 11536 of Act 451 of 1994 as amended provides that a municipality located in two (2) counties may request that it be included within one of the adjacent county's solid waste management plan. Before that may occur, the request shall be approved by a resolution of the Board of Commissioners of each county involved.

Northville has, by mutual consent of all parties involved, historically been included within the Wayne County solid waste management plan. This office approached both the City and Wayne County with a recommendation that the previous arrangements be continued. Both agencies concur. A copy of the original communication from this office and Northville's formal request are attached.

It is recommended that the attached suggested resolution be adopted in support of the request. The resolution will become a formal part of the new Solid Waste Management Plan Update documents as required by the Michigan Department of Environmental Quality.

Respectfully submitted,


Roger James Smith, P.E.

Attachments

Suggested Resolution

December 2, 1997

Miscellaneous Resolution #97

BY: Planning & Building Committee, Charles E. Palmer, Chairperson
IN RE: Delineation of Oakland County Solid Waste Planning Boundaries

To the Oakland County Board of Commissioners

Chairperson, Ladies and Gentlemen:

WHEREAS the City of Northville sits astride the Oakland County / Wayne County border, and

WHEREAS the City of Northville has requested that it be included within the Wayne County Solid Waste Management Plan and excluded from the Oakland County Solid Waste Management Plan, and

WHEREAS Act 451 of 1994 as amended provides that such an arrangement shall be approved by a resolution of the Board of Commissioners of each of the involved counties, and

WHEREAS the City of Northville has previously been included within the Wayne County Solid Waste Management Plan and such an arrangement is eminently practical.

NOW THEREFORE BE IT RESOLVED THAT the Oakland County Board of Commissioners does herewith approve of Northville's request that it be excluded from the Oakland County Solid Waste Management Plan, and

FURTHER BE IT RESOLVED THAT copies of this resolution be provided to the City of Northville and to the Wayne County Board of Commissioners, and

BE IT FINALLY RESOLVED THAT the Oakland County Solid Waste Planning Committee and the Oakland County Act 451 Designated Planning Agent be advised of this action and requested to exclude the City of Northville from the current planning efforts.

PLANNING AND BUILDING COMMITTEE

December 11, 1997

Miscellaneous Resolution #97289

BY: Planning & Building Committee, Charles E. Palmer, Chairperson

IN RE: **Delineation of Oakland County Solid Waste Planning Boundaries**

To the Oakland County Board of Commissioners

Chairperson, Ladies and Gentlemen:

WHEREAS the City of Northville sits astride the Oakland County / Wayne County border, and

WHEREAS the City of Northville has requested that it be included within the Wayne County Solid Waste Management Plan and excluded from the Oakland County Solid Waste Management Plan, and

WHEREAS Act 451 of 1994 as amended provides that such an arrangement shall be approved by a resolution of the Board of Commissioners of each of the involved counties, and

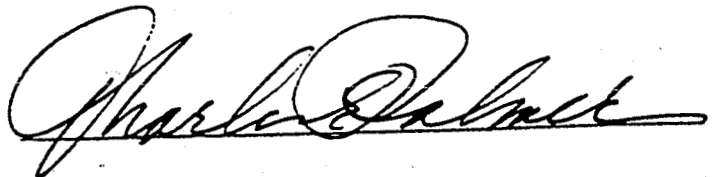
WHEREAS the City of Northville has previously been included within the Wayne County Solid Waste Management Plan and such an arrangement is eminently practical.

NOW THEREFORE BE IT RESOLVED THAT the Oakland County Board of Commissioners does herewith approve of Northville's request that it be excluded from the Oakland County Solid Waste Management Plan, and

FURTHER BE IT RESOLVED THAT copies of this resolution be provided to the City of Northville and to the Wayne County Board of Commissioners, and

BE IT FINALLY RESOLVED THAT the Oakland County Solid Waste Planning Committee and the Oakland County Act 451 Designated Planning Agent be advised of this action and requested to exclude the City of Northville from the current planning efforts.

PLANNING AND BUILDING COMMITTEE

A handwritten signature in cursive script, appearing to read "Charles E. Palmer", is written over a horizontal line.

Resolution #97289

December 11, 1997

Moved by Palmer supported by Schmid the resolution be adopted.

AYES: Garfield, Holbert, Huntoon, Jacobs, Johnson, Kingzett, Law, McCulloch, McPherson, Millard, Moffitt, Obrecht, Palmer, Powers, Schmid, Taub, Wolf, Amos, Coleman, Dingledey, Douglas, Fracassi. (22)

NAYS: None. (0)

A sufficient majority having voted therefor, the resolution was adopted.

I HEREBY APPROVE THE FOREGOING RESOLUTION


L. Brooks Patterson, County Executive

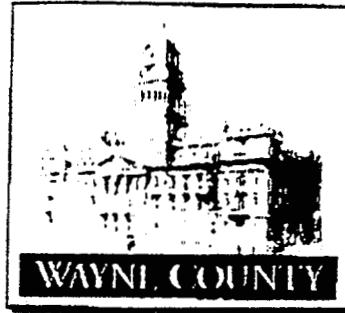
12/14/97
Date

STATE OF MICHIGAN
COUNTY OF OAKLAND

I, Lynn D. Allen, Clerk of the County of Oakland, do hereby certify that the foregoing resolution is a true and accurate copy of a resolution adopted by the Oakland County Board of Commissioners on December 11, 1997 with the original record thereof now remaining in my office.

In Testimony Whereof, I have hereunto set my hand and affixed the seal of the County of Oakland at Pontiac, Michigan this 11th day of December 1997.


Lynn D. Allen, County Clerk



Edward H. McNamara
County Executive

January 27, 1998

Honorable Ricardo Solomon
Chairman, Wayne County Commission
450 Wayne County Building
Detroit, Michigan 48226

RE: ADOPTION OF A RESOLUTION BY THE WAYNE COUNTY COMMISSION
DELINEATING WAYNE COUNTY SOLID WASTE PLANNING BOUNDARIES,
AND THE CITY OF NORTHVILLE'S REQUEST TO BE INCLUDED IN
THE WAYNE COUNTY SOLID WASTE MANAGEMENT PLAN OF 1998.
(REF: 98-70-008)

Dear Chairman Solomon:

The County Executive's Office, and the Office of the Corporation Counsel have reviewed and approved the attached request from the Department of Environment for approval of the above-referenced project.

The City of Northville sits astride the Wayne County/Oakland County border. The City of Northville has requested that it be included within the Wayne County Solid Waste Management Plan and excluded from the Oakland County Solid Waste Management Plan.

Act 451 of 1994 as amended provides that such an arrangement shall be approved by a Resolution of the Board of Commissioners of each of the involved counties.

The City of Northville has previously been included within the Wayne County Solid Waste Management Plan and such an arrangement is eminently practical.

Therefore, it is requested that the Wayne County Commission adopt the appropriate Resolution providing for the following action:

DEPARTMENT OF ENVIRONMENT
415 CLIFFORD, DETROIT, MICHIGAN 48226 • 313-224-5620

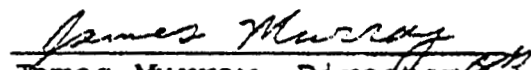
Honorable Ricardo Solomon
January 27, 1998
Page 2

THEREFORE BE IT RESOLVED, THAT the Wayne County Board of Commissioners does herewith approve of Northville's request that it be included in The Wayne County Solid Waste Management Plan, and

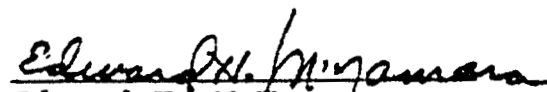
FURTHER BE IT RESOLVED, THAT copies of this Resolution be provided to the City of Northville and to the Oakland County Board of Commissioners, and

BE IT FINALLY RESOLVED, THAT the Wayne County Solid Waste Planning Committee and the Wayne County Act 451 Designated Planning Agent be advised of this action and requested to include the City of Northville in the current planning efforts.

APPROVED:


James Murray, Director
Department of Environment

APPROVED FOR SUBMISSION
TO THE COMMISSION:


Edward H. McNamara
Wayne County Executive

EHM:GDC:dl

Attachment

RESOLUTION

No. 98-107

By Commissioner Blackwell

RESOLVED, by the Wayne County Commission this 19th day of February, 1998 that approval be, and is hereby, granted authorizing the delineation of Wayne County Solid Waste Planning boundaries and the inclusion of the City of Northville into the Wayne County Solid Waste Management Plan of 1998, as recommended by the Chief Executive Officer.

(98-70-008)

ATTACHMENT B
LISTED CAPACITY

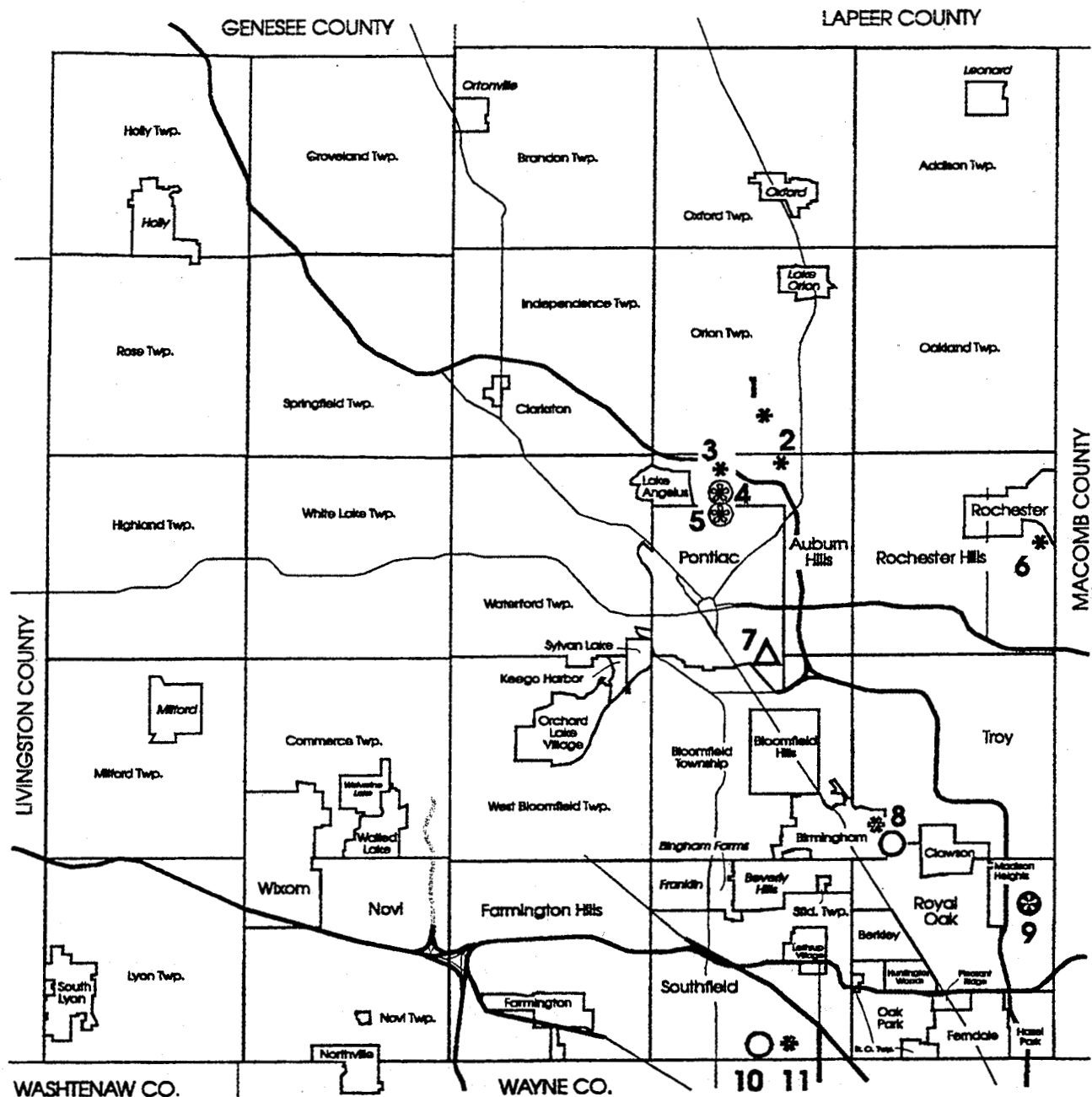
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ATTACHMENT C

MAPS

Oakland County's Designated Act 451 Solid Waste Facilities - December, 1997



Legend

- * Type II Landfill
- Δ Waste-to-Energy Plant
- ⊗ Act 641 Disposal Area

- * Material Recovery Facility
- ⊗ MRF and Transfer Station
- Transfer Station

RJS PE, 12-30-97

Oakland County's Designated Act 451

Solid Waste Disposal Facilities - June 15, 2000

Basic Designation Type

<u>Map I.D.</u>	<u>and Facility Name</u>	<u>Address</u>	<u>Municipality</u>	<u>Comment</u>
-----------------	--------------------------	----------------	---------------------	----------------

Type II Landfills

3	Collier Road Landfill	575 Collier Road	Pontiac	Existing
1	Eagle Valley Recycling and Disposal Facility	600 West Silverbell Road	Orion Township	Existing
2	Oakland Heights Development	2350 Brown Road	Auburn Hills	Existing
7	SOCRRA	741 Avon Road	Rochester Hills	Existing

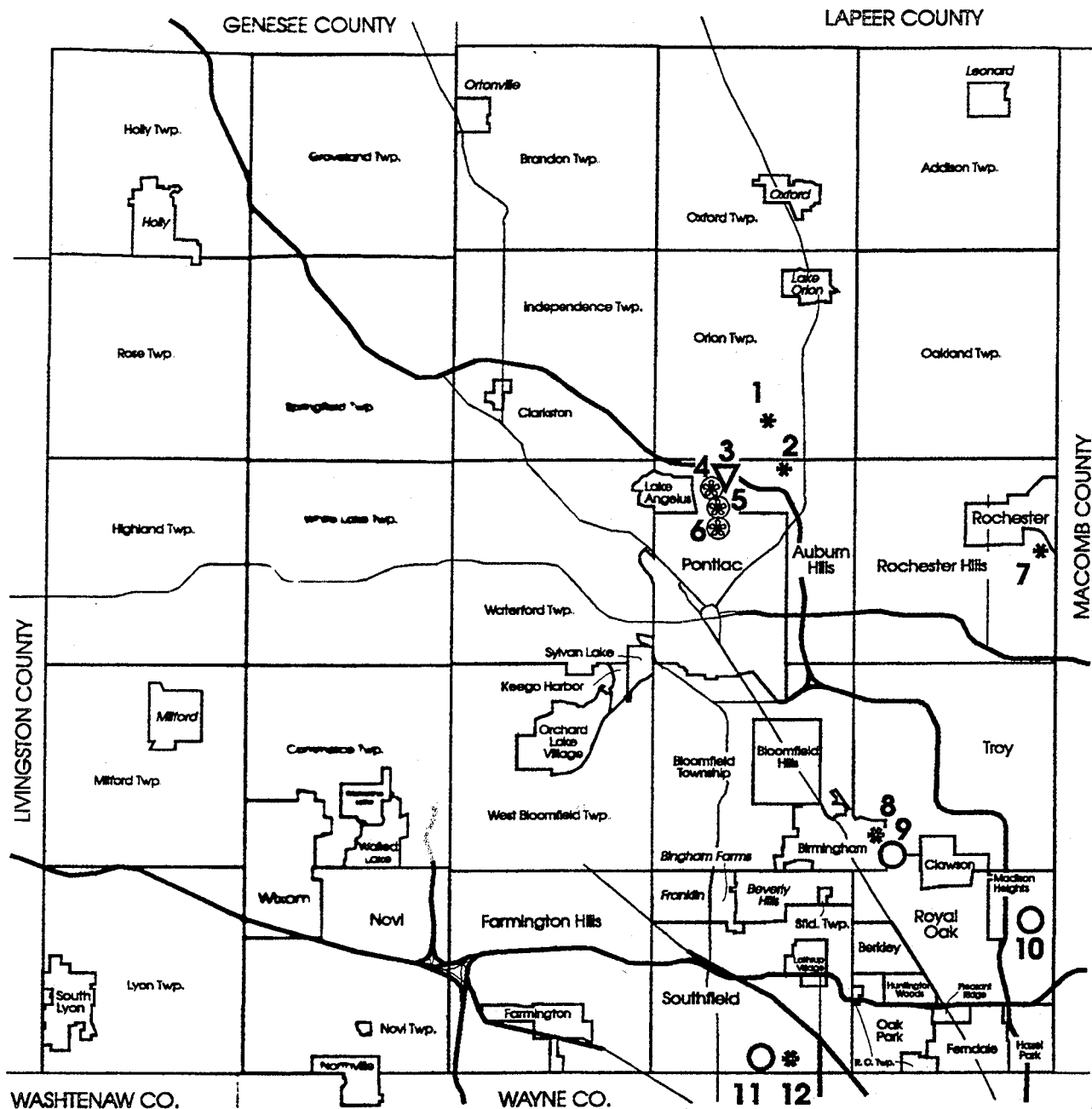
Waste Processing Facilities

5	Allied Waste Industries	1591 Highwood	Pontiac	Existing
12	RRRASOC	20000 West 8 Mile Road	Southfield	Existing
8	SOCRRA	995 Coolidge Highway	Troy	Existing
6	Waste Management	1525 West Highwood	Pontiac	Existing
3	Collier Road	575 Collier Road	Pontiac	New designation
4	FPT Pontiac Division	500 Collier Road	Pontiac	New designation

Transfer Stations

11	Allied Waste Industries	21430 West 8 Mile Road	Southfield	Existing
5	Allied Waste Industries	1591 Highwood	Pontiac	Existing
9	SOCRRA	991 Coolidge Highway	Troy	Existing
6	Waste Management	1525 West Highwood	Pontiac	Existing
3	Collier Road	575 Collier Road	Pontiac	New designation
4	FPT Pontiac Division	500 Collier Road	Pontiac	New designation
10	SOCRRA	29470 John R Road	Madison Heights	Revised -existing "Disposal Area" designation changed to Transfer Station.

Oakland County's Designated Act 451 Solid Waste Facilities - June 15, 2000



Legend

- * Type II Landfill
- * Processing Facility
- ∇ Type II Landfill, Processing Facility & Transfer Station
- O Transfer Station
- * in a circle Processing & Transfer Station

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Solid Waste Database
Oakland County, Michigan

April, 1999

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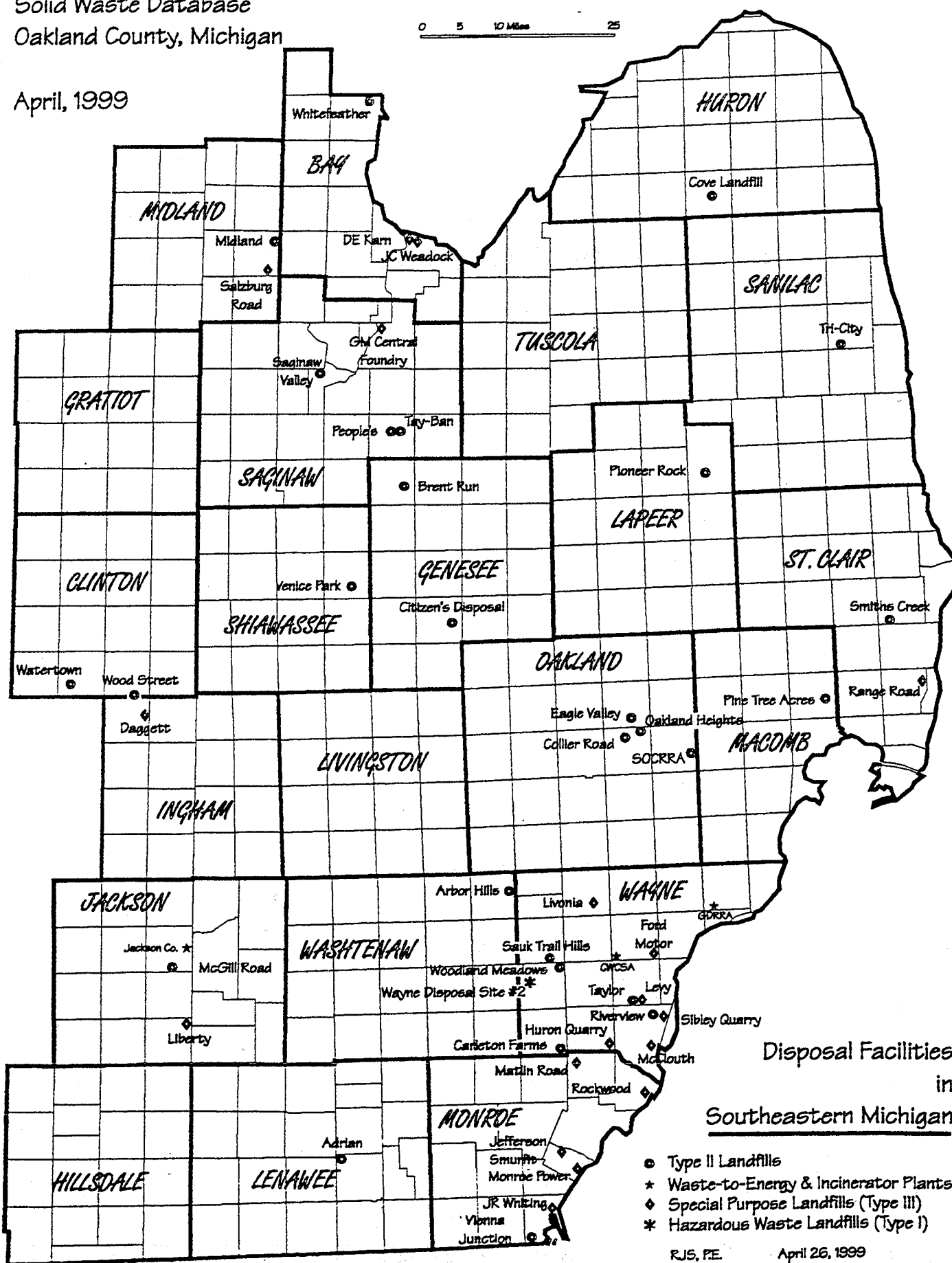


Exhibit 8

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ATTACHMENT D

INTER-COUNTY AGREEMENTS

(NOT APPLICABLE)

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ATTACHMENT E
DETAILED POPULATION DATA

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SEMCOG's 2020 Regional Development Forecast

Recommended Forecast - February 8, 1996

Oakland County Solid Waste Planning

rdf_loc.wk4

10/13/99

09:44

Population

	1990	1995	2000	2005	2010	2015	2020	Change, 1995 to 2020	% Change 1995 to 2020
SEMCOG	4,590,465	4,735,738	4,804,389	4,877,433	4,962,603	5,067,093	5,162,405	426,667	9.01%
Livingston	115,645	135,558	154,061	170,853	187,725	204,875	219,674	84,116	62.05%
Macomb	717,400	754,494	775,875	802,349	832,477	860,899	884,222	129,728	17.19%
Monroe	133,600	141,449	146,701	150,732	154,867	160,160	164,788	23,339	16.50%
Oakland	1,083,592	1,150,872	1,192,164	1,232,182	1,272,192	1,318,997	1,359,846	208,974	18.16%
St. Clair	145,607	158,921	167,478	175,050	182,766	191,525	199,160	40,239	25.32%
Washtenaw	282,934	300,489	313,130	325,599	340,274	357,443	373,362	72,873	24.25%
Wayne	2,111,687	2,093,955	2,054,980	2,020,668	1,992,302	1,973,194	1,961,353	(132,602)	-6.33%
Wayne (pt)	1,083,708	1,101,664	1,102,957	1,104,716	1,107,957	1,114,546	1,124,059	22,395	2.03%
Detroit	1,027,979	992,291	952,023	915,952	884,345	858,648	837,294	(154,997)	-15.62%

Total Employment by Place of Work

	1990	1995	2000	2005	2010	2015	2020	Change, 1995 to 2020	% Change 1995 to 2020
SEMCOG	2,350,238	2,477,024	2,615,187	2,724,994	2,776,724	2,775,235	2,773,688	296,664	11.98%
Livingston	39,296	46,700	55,139	63,355	69,376	70,887	71,925	25,225	54.01%
Macomb	333,723	361,350	386,158	403,706	410,574	409,647	407,633	46,283	12.81%
Monroe	50,364	55,541	60,702	64,574	66,501	66,807	67,155	11,614	20.91%
Oakland	681,037	745,309	806,126	856,189	883,393	885,258	887,826	142,517	19.12%
St. Clair	55,730	60,556	64,654	69,393	72,462	73,476	74,398	13,842	22.86%
Washtenaw	213,895	228,331	242,770	252,759	258,184	258,962	260,270	31,939	13.99%
Wayne	976,193	979,237	999,638	1,015,018	1,016,234	1,010,198	1,004,481	25,244	2.58%
Wayne (pt)	563,703	595,521	630,759	657,675	668,028	668,453	667,129	71,608	12.02%
Detroit	412,490	383,716	368,879	357,343	348,206	341,745	337,352	(46,364)	-12.08%

Manufacturing Employment by Place of Work

	1990	1995	2000	2005	2010	2015	2020	Change, 1995 to 2020	% Change 1995 to 2020
SEMCOG	486,644	482,591	468,709	467,057	461,633	439,602	415,321	(67,270)	-13.94%
Livingston	8,186	8,670	9,099	9,742	10,183	9,752	9,232	562	6.48%
Macomb	102,751	105,066	102,550	99,809	97,383	92,102	86,266	(18,800)	-17.89%
Monroe	9,430	10,685	10,866	11,016	10,919	10,397	9,799	(886)	-8.29%
Oakland	116,987	119,339	116,201	120,613	122,512	117,948	113,296	(6,043)	-5.06%
St. Clair	10,565	11,044	11,270	11,502	11,449	10,864	10,226	(818)	-7.41%
Washtenaw	37,363	33,737	31,697	32,232	32,177	30,727	28,982	(4,755)	-14.09%
Wayne	201,362	194,050	187,026	182,143	177,010	167,812	157,520	(36,530)	-18.83%
Wayne (pt)	137,991	138,349	136,431	133,910	130,630	123,791	116,119	(22,230)	-16.07%
Detroit	63,371	55,701	50,595	48,233	46,380	44,021	41,401	(14,300)	-25.67%

Notes: Employment measures number of jobs, both full-time and part-time - not the number of employed persons or the number of FTEs (Full Time Equivalents).

Construction jobs and military are not included in RDF employment. Previous RDFs included construction jobs. However, the large majority of construction jobs are mobile, moving from job-site to job-site. Perhaps only 10% hold stationary positions at the offices or shops of construction companies. Having no specific way to differentiate between the two for future transportation planning purposes, a decision was made by SEMCOG at the policy level to not include either in the 2020 RDF projections.

Manufacturing employment measures the number of jobs within the SIC Code manufacturing categories. It is not a measurement of the number of "factory workers" nor does it relate to land use. In many instances, all such employment may be pure office type work in the headquarters of "manufacturing" companies. In others, it may represent employment within research facilities or in a factory environment only.

SEMOG's 2020 Regional Development Forecast

Recommended Forecast - February 8, 1998

Oakland County, Michigan

Municipality	#	Population					Total Households					Pop./HH	
		1990	1995	2000	2010	2020	1990	1995	2000	2010	2020	1998	1998
Addison Township	1	4,785	5,483	5,978	6,443	7,418	7,858	1,583	1,831	2,012	2,391	2,691	1,940
Auburn Hills	2	17,078	19,663	21,692	23,933	28,541	28,541	6,445	7,874	8,615	9,849	10,582	8,240
Berkley	3	16,960	18,988	18,845	16,711	16,711	16,822	6,613	6,687	6,895	7,722	7,025	6,884
Beverly Hills	4	10,643	10,341	10,222	10,051	10,005	10,173	4,098	4,091	4,092	4,084	4,184	4,092
Bingham Farms	5	1,001	965	942	910	900	923	412	422	412	411	419	418
Birmingham	6	19,997	20,147	20,204	20,183	20,296	20,316	9,121	9,307	9,363	9,514	9,689	9,353
Bloomfield Hills	7	4,288	4,427	4,561	4,674	4,791	4,868	1,515	1,570	1,624	1,685	1,749	1,825
Bloomfield Township	8	42,473	43,158	42,878	42,667	41,478	41,015	15,727	16,429	16,891	17,067	17,871	18,220
Brandon Township	9	10,799	12,220	13,255	14,216	16,292	17,269	3,529	4,001	4,381	4,766	5,185	5,699
Clarkston	10	1,005	977	955	928	889	878	434	441	443	447	451	442
Cleason	11	13,974	13,608	13,167	12,866	12,588	12,535	5,542	5,615	5,620	5,635	5,645	5,628
Commerce Township	12	22,228	26,287	28,159	31,842	36,071	40,593	7,595	9,160	10,293	11,418	12,574	13,809
Farmington Hills	13	10,132	10,180	10,173	10,136	10,137	10,135	4,681	4,724	4,758	4,780	4,822	4,838
Farmington Hills	14	74,652	78,124	78,943	81,897	83,224	83,429	28,255	31,439	33,058	34,700	36,169	37,204
Farmington Hills	15	25,026	26,054	24,825	24,729	24,843	25,109	9,845	9,836	9,841	9,825	9,833	9,839
Farmington Hills	16	2,644	2,679	2,619	2,425	2,372	2,414	984	1,011	972	963	965	988
Farmington Hills	17	4,705	5,432	5,954	6,461	6,976	7,517	1,539	1,788	1,885	2,100	2,388	2,613
Groveland Township	18	20,051	20,108	19,632	19,141	18,007	18,247	7,277	7,395	7,230	7,122	7,268	7,427
Hazel Park	19	17,941	19,071	20,197	21,346	22,822	24,631	6,919	8,411	8,892	9,844	10,004	10,284
Highland Township	20	5,695	5,609	5,975	6,076	6,232	6,409	2,056	2,188	2,302	2,420	2,543	2,669
Holly Township	21	3,257	3,660	3,854	4,035	4,188	4,333	1,091	1,197	1,268	1,347	1,427	1,509
Huntington Woods	22	6,339	6,429	6,441	6,463	6,515	6,524	2,345	2,358	2,362	2,371	2,385	2,477
Independence Township	23	23,717	26,488	32,319	35,551	38,280	40,401	7,969	9,650	11,115	12,468	13,724	14,788
Keego Harbor	24	2,932	2,938	2,892	2,852	2,868	2,868	1,232	1,238	1,231	1,238	1,248	1,303
Lake Angelus	25	328	338	341	343	348	352	123	128	127	130	134	145
Lake Orion	26	3,029	3,009	3,044	3,035	3,004	2,954	1,237	1,259	1,267	1,235	1,242	1,260
Lathrup Village	27	4,329	4,296	4,222	4,127	4,056	4,066	1,577	1,568	1,572	1,568	1,561	1,579
Leeland	28	357	380	398	404	424	451	135	157	149	160	172	184
Lyon Township (OS Boundaries)	29	8,895	9,854	10,645	11,791	13,410	15,820	2,854	3,316	3,529	3,865	4,300	4,845
Madison Heights	30	32,186	31,438	30,218	29,384	28,708	27,821	12,867	13,014	12,904	12,847	12,952	13,069
Milford	31	5,511	6,301	6,716	7,078	7,387	7,600	1,996	2,291	2,469	2,639	2,794	2,887
Milford Township	32	6,610	8,142	9,281	10,343	11,438	12,608	2,178	2,697	3,067	3,474	3,909	4,376
Northville (part)	33	3,367	3,408	3,347	3,238	3,139	3,044	1,231	1,288	1,361	1,350	1,374	1,382
Novi	34	33,146	41,595	48,731	56,161	63,692	71,419	12,742	16,102	18,088	22,259	25,479	31,569
Novi Township	35	30,462	30,603	30,977	31,106	32,380	33,018	10,871	10,803	10,911	10,885	10,978	11,507
Oak Park	36	8,227	10,232	11,665	13,069	14,459	15,815	2,722	3,398	3,912	4,626	5,398	6,249
Oakland Township	37	2,286	2,328	2,367	2,433	2,504	2,577	696	722	758	797	841	881
Orchard Lake	38	21,047	25,409	28,665	31,569	34,258	36,441	7,331	8,745	9,837	10,857	11,851	12,717
Orion Township	39	1,252	1,624	1,877	1,834	1,980	2,133	453	543	599	655	713	773
Orionville	40	2,929	3,235	3,422	3,509	3,511	3,469	1,155	1,248	1,316	1,370	1,403	1,423
Orion Township	41	9,004	10,278	11,171	12,028	12,922	13,872	3,074	3,502	3,815	4,146	4,493	4,858
Pleasant Ridge	42	2,833	2,805	2,754	2,702	2,677	2,684	1,094	1,093	1,097	1,101	1,112	1,133
Pleasant Ridge	43	71,166	70,034	67,018	64,823	62,898	62,558	24,769	24,685	24,022	23,533	23,419	23,693
Pontiac	44	61,718	65,365	69,537	72,033	73,749	75,840	22,334	24,268	25,773	27,200	28,612	30,055
Rochester Hills	45	6,178	6,533	6,472	6,412	6,351	6,284	2,334	2,408	2,432	2,438	2,468	2,511
Rochester Hills	46	6,178	6,533	6,472	6,412	6,351	6,284	2,334	2,408	2,432	2,438	2,468	2,511
Royal Oak	47	6,178	6,533	6,472	6,412	6,351	6,284	2,334	2,408	2,432	2,438	2,468	2,511
Royal Oak Township	48	6,178	6,533	6,472	6,412	6,351	6,284	2,334	2,408	2,432	2,438	2,468	2,511
Royal Oak Township	49	6,178	6,533	6,472	6,412	6,351	6,284	2,334	2,408	2,432	2,438	2,468	2,511
South Lyon (OS Boundaries)	50	6,178	6,533	6,472	6,412	6,351	6,284	2,334	2,408	2,432	2,438	2,468	2,511
Southfield	51	78,695	75,331	74,377	73,503	73,023	73,064	32,115	32,459	32,397	32,419	32,608	32,422
Southfield Township	52	9,927	12,680	14,587	16,598	18,628	20,734	3,276	4,193	4,889	5,597	6,338	7,101
Springfield Township	53	1,893	1,915	1,905	1,881	1,807	1,782	840	847	848	848	848	848
Sylvan Lake	54	72,884	78,002	82,138	85,158	88,538	91,282	26,173	30,049	31,658	33,783	34,078	35,378
Troy	55	6,278	6,478	6,832	7,255	7,725	8,238	2,786	2,977	3,261	3,632	3,825	4,135
Walled Lake	56	68,692	69,222	69,678	70,561	71,719	73,299	26,488	28,987	27,777	28,813	29,503	30,547
West Bloomfield Township	57	54,507	57,162	59,568	61,188	62,999	64,703	19,216	20,873	22,268	23,611	24,854	26,189
West Bloomfield Township	58	54,507	57,162	59,568	61,188	62,999	64,703	19,216	20,873	22,268	23,611	24,854	26,189
White Lake Township	59	22,808	26,527	28,911	31,013	32,900	34,206	7,787	9,201	10,044	10,822	11,496	12,122
Whom	60	8,550	11,487	13,508	15,579	17,490	19,936	4,119	5,102	5,769	6,611	7,137	7,908
Wolverine Lake	61	4,727	4,676	4,578	4,467	4,347	4,217	1,657	1,703	1,739	1,777	1,823	1,875
County Totals		1,083,592	1,150,872	1,192,164	1,232,162	1,272,162	1,318,937	410,320	440,003	461,578	483,455	506,060	530,457
Less Northville		(3,387)	(3,408)	(3,347)	(3,238)	(3,139)	(3,044)	(1,231)	(1,288)	(1,326)	(1,350)	(1,365)	(1,374)
Planning Values		1,080,205	1,147,464	1,188,817	1,228,924	1,269,023	1,315,893	409,089	438,717	460,252	482,105	504,695	529,083

SEMCOG's 2020 Regional Development Forecast

Recommended Forecast - February 8, 1998

Oakland County, Michigan

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Municipality	#	Total Employment by Place of Work							Manufacturing Employment by Place of Work							1998	
		1990	1995	2000	2005	2010	2015	2020	1998	1990	1995	2000	2005	2010	2015		2020
Addison Township	1	587	800	1,222	1,873	2,015	2,245	2,432	1,053	12	21	33	45	58	70	79	28
Auburn Hills	2	22,202	33,731	43,038	49,870	55,809	58,808	62,039	39,315	5,353	13,222	18,683	22,816	26,434	28,142	30,125	18,487
Berkley	3	5,129	5,985	6,403	6,880	6,889	6,715	6,603	6,236	395	228	188	193	177	155	138	203
Beverly Hills	4	2,424	2,712	2,788	2,858	2,838	2,777	2,742	2,758	102	104	101	111	112	110	105	102
Bingham Farms	5	6,958	7,960	8,343	8,761	8,974	8,905	8,814	8,190	404	291	287	319	326	313	296	289
Birmingham	6	20,177	20,841	21,488	21,251	21,455	21,107	20,885	21,217	899	1,162	1,271	1,393	1,452	1,414	1,352	1,227
Bloomfield Hills	7	10,227	12,182	14,017	15,462	16,373	16,741	17,119	13,275	239	302	353	438	478	471	448	333
Bloomfield Township	8	15,013	18,406	22,289	25,249	27,271	28,314	29,035	20,738	830	814	973	1,255	1,350	1,353	1,326	909
Brandon Township	9	1,075	1,478	1,773	2,098	2,388	2,620	2,825	1,654	78	148	173	201	228	248	280	163
Clarkston	10	3,092	3,339	3,347	3,558	3,629	3,613	3,674	3,344	285	253	203	201	200	199	191	223
Clawson	11	5,783	5,963	6,000	6,200	6,282	6,203	6,173	5,985	704	774	728	787	754	700	644	746
Commerce Township	12	6,493	7,307	8,657	9,971	10,910	11,572	12,101	8,117	1,232	970	912	933	938	918	897	935
Farmington	13	8,528	7,921	8,155	8,293	8,195	7,945	7,759	8,081	857	469	448	450	445	416	388	456
Farmington Hills	14	56,432	62,038	65,901	68,458	69,037	67,794	66,745	64,355	7,226	7,979	7,589	7,712	7,583	7,069	6,542	7,745
Ferdale	15	10,577	9,848	9,449	9,369	9,078	8,614	8,289	9,609	2,268	1,916	1,613	1,570	1,479	1,330	1,203	1,734
Franklin	16	859	982	1,057	1,095	1,099	1,086	1,085	1,027	38	24	22	25	25	25	25	23
Groveland Township	17	417	579	939	1,420	1,819	1,740	1,838	795	0	0	6	26	33	40	45	4
Hazel Park	18	5,003	4,631	4,750	4,826	4,767	4,629	4,530	4,702	1,012	745	594	534	472	408	382	654
Highland Township	19	3,711	4,667	5,192	5,933	6,586	7,012	7,408	4,982	405	384	304	331	313	273	289	336
Holly	20	2,271	2,688	3,132	3,483	3,714	3,868	4,005	3,034	670	654	704	782	852	855	833	684
Holly Township	21	326	450	694	978	1,103	1,173	1,227	896	94	149	183	204	222	224	219	167
Huntington Woods	22	1,525	1,841	1,969	2,103	2,108	2,074	2,056	1,918	43	103	90	92	86	80	74	95
Independence Township	23	4,445	5,572	6,937	8,345	9,139	9,561	9,878	6,391	480	401	345	360	374	387	385	367
Keego Harbor	24	1,105	1,331	1,406	1,518	1,579	1,591	1,613	1,376	53	50	41	43	38	29	23	45
Lake Angelus	25	59	58	68	92	97	100	102	84	2	2	2	2	2	2	2	2
Lake Orion	26	1,326	1,845	1,713	1,821	1,914	1,971	1,997	1,866	50	51	42	42	42	42	40	46
Lathrup Village	27	2,655	2,807	2,963	3,078	3,105	3,080	3,030	2,901	113	157	153	167	169	181	162	165
Leonard	28	25	100	108	117	127	128	129	105	6	79	78	81	83	78	72	78
Lyon Township (95 Boundaries)	29	2,342	2,941	3,415	3,972	4,276	4,452	4,694	3,225	1,238	1,558	1,447	1,464	1,449	1,373	1,299	1,491
Madison Heights	30	27,408	28,088	27,939	28,134	27,816	28,489	25,594	27,999	8,718	7,362	6,874	5,277	4,658	3,994	3,471	6,469
Milford	31	3,996	4,942	5,239	5,597	5,950	6,029	6,120	5,120	607	654	626	631	615	560	503	637
Milford Township	32	3,378	3,501	4,102	4,836	5,253	5,603	6,006	3,882	1,953	1,826	1,725	1,732	1,690	1,581	1,424	1,765
Northville (part)	33	856	915	983	1,039	1,091	1,124	1,151	944	105	124	117	117	112	100	88	120
Novi	34	22,221	25,479	28,822	32,402	34,748	35,851	36,708	27,485	3,782	3,885	3,743	3,969	4,054	3,903	3,698	3,792
Novi Township	35																
Oak Park	36	12,685	11,801	11,430	11,375	11,075	10,806	10,245	11,578	1,842	1,588	1,342	1,314	1,248	1,140	1,039	1,440
Oakland Township	37	1,055	1,099	1,432	1,812	2,125	2,418	2,680	1,299	217	172	146	154	165	180	191	156
Orchard Lake	38	1,051	1,051	1,128	1,219	1,287	1,266	1,273	1,097	89	91	77	81	74	60	46	83
Orion Township	39	7,379	6,324	6,880	7,842	8,533	8,881	9,071	6,558	4,726	3,499	3,118	3,109	3,103	3,107	3,003	3,270
Orionville	40	354	476	528	586	641	697	744	507	26	39	42	47	51	52	41	41
Oxford	41	1,269	1,469	1,567	1,689	1,806	1,896	1,976	1,528	265	324	322	332	336	315	288	323
Oxford Township	42	2,136	2,324	2,902	3,548	4,031	4,268	4,485	2,871	1,091	1,112	1,116	1,160	1,190	1,143	1,076	1,114
Pleasant Ridge	43	685	606	632	708	768	888	873	622	170	128	101	108	93	77	64	112
Pontiac	44	56,308	55,248	55,150	56,846	57,942	56,958	55,803	55,188	18,471	15,916	14,448	15,572	16,776	16,346	15,352	15,035
Rochester	45	12,757	15,108	17,650	19,552	21,107	21,921	22,838	16,632	2,181	2,470	2,551	2,662	2,733	2,635	2,499	2,519
Rochester Hills	46	18,887	23,718	28,343	31,420	34,007	35,521	36,689	28,492	3,984	5,583	6,515	6,814	7,150	7,181	7,045	6,142
Rose Township	47	200	227	458	653	768	842	906	366	25	27	35	47	56	64	69	32
Royal Oak	48	34,871	35,350	36,058	37,609	38,149	37,964	38,084	35,774	2,922	2,889	2,732	2,872	2,834	2,652	2,465	2,795
Royal Oak Township	49	2,617	2,675	2,683	2,685	2,635	2,538	2,456	2,680	181	202	170	168	157	143	131	183
South Lyon (95 Boundaries)	50	1,799	2,228	2,520	2,838	3,086	3,199	3,267	2,403	307	314	312	348	359	347	329	313
Southfield	51	108,593	111,422	114,248	114,279	112,142	107,887	104,740	113,118	8,880	7,601	6,451	6,363	6,930	5,283	4,733	6,871
Southfield Township	52																
Springfield Township	53	1,244	1,703	2,427	3,199	3,579	3,815	4,008	2,137	189	342	388	496	555	574	577	370
Sylvan Lake	54	1,081	1,087	1,134	1,238	1,302	1,306	1,308	1,115	122	43	35	36	31	23	17	38
Troy	55	104,498	116,358	125,075	128,710	129,113	126,606	125,073	121,588	22,210	21,555	18,785	16,589	14,548	12,415	10,779	18,893
Walled Lake	56	6,441	7,059	7,328	8,024	8,458	8,601	8,669	7,220	2,347	2,250	1,708	1,646	1,543	1,378	1,227	1,925
Waterford Township	57	23,106	27,152	31,269	34,978	37,373	38,491	39,343	29,622	1,572	1,599	1,597	1,789	1,805	1,721	1,621	1,598
West Bloomfield Township	58	13,710	16,718	17,881	19,738	20,858	21,298	21,640	17,016	504	545	528	620	657	656	641	535
White Lake Township	59	3,189	3,360	4,284	5,187	5,774	6,130	6,400	3,914	207	108	152	212	250	274	254	134
Wixom	60	6,562	7,430	8,388	9,115	9,504	9,424	9,238	8,004	4,309	4,203	3,920	3,783	3,580	3,173	2,814	4,033
Wolverine Lake	61	365	418	477	529	578	619	655	453	0	0	1	3	5	8	11	1
County Totals	62	681,037	745,309	806,126	868,189	883,393	885,268	887,826	781,799	118,987	119,339	116,201	120,613	122,512	117,948	113,296	117,456
Less Northville		(856)	(915)	(963)	(1,039)	(1,091)	(1,124)	(1,151)	(944)	(105)	(124)	(117)	(117)	(112)	(100)	(88)	(120)
Planning Values		680,181	744,394	805,163	856,150	882,302	884,134	886,675	780,855	118,882	119,215	116,084	120,496	122,400	117,848	113,208	117,336

Exhibit 12

**Solid Waste Database
Oakland County, Michigan**

Land Area

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Community	Total Land Area OCPD Rev. 9-90 Sq. Miles	Less Land Dedicated to Specific Purposes (OCPD and OCDSWM)				Net Usable Land Area Sq. Miles
		Recreation	Tran/Util/Comm	Roads		
				Water/Wetlands		
				Acres	Acres	
Addison Township	35.70	1,090	155	824	700	31.37
Auburn Hills	16.63	211	143	1,022	41	14.42
Berkley	2.59	3	0	507	0	1.79
Beverly Hills	4.02	87	4	499	5	3.09
Bingham Farms	1.22	0	0	93	1	1.07
Birmingham	4.88	200	45	779	17	3.25
Bloomfield Hills	5.00	260	33	394	52	3.85
Bloomfield Township	25.99	816	48	2,731	900	18.97
Brandon Township	34.91	1,186	103	1,053	622	30.28
Clarkston	0.50	39	0	63	42	0.28
Clawson	2.22	37	0	358	0	1.60
Commerce Township	28.10	3,637	125	1,291	1,341	18.11
Farmington	2.62	68	3	415	4	1.86
Farmington Hills	33.34	1,500	37	3,248	84	25.73
Ferdale	3.87	72	51	720	0	2.55
Franklin	2.63	10	0	249	6	2.22
Groveland Township	36.10	6,686	221	990	520	22.95
Hazel Park	2.81	45	0	586	2	1.82
Highland Township	36.28	4,858	10	1,213	1,454	24.51
Holly	3.03	60	8	208	154	2.36
Holly Township	33.49	3,260	153	874	1,297	24.77
Huntington Woods	1.46	206	0	267	2	0.72
Independence Townshi	36.10	2,095	201	1,726	843	28.50
Keego Harbor	0.57	13	0	100	45	0.32
Lake Angelus	1.64	179	0	18	440	0.64
Lake Orion	1.31	3	0	119	354	0.57
Lathrup Village	1.49	2	0	297	0	1.02
Leonard	0.91	3	0	39	2	0.84
Lyon Township	31.51	770	251	1,108	538	27.34
Madison Heights	7.05	207	40	967	0	5.15
Milford	2.52	118	1	189	73	1.93
Milford Township	35.17	4,418	40	781	1,442	24.73
Northville (part)	1.02	22	1	124	1	0.79
Novi	31.25	337	138	1,526	667	27.08
Novi Township	0.11			10		0.09
Oak Park	5.02	67	1	805	0	3.66
Oakland Township	36.67	2,942	244	1,099	356	29.42
Orchard Lake	4.06	213	0	194	1,096	1.71
Orion Township	34.64	4,526	504	1,444	1,681	21.90
Ortonville	1.00	7	0	79	0	0.87
Oxford	1.47	43	1	151	138	0.95
Oxford Township	33.87	740	110	953	1,075	28.37
Pleasant Ridge	0.57	7	4	135	0	0.34
Pontiac	20.09	470	425	2,302	200	14.78
Rochester	3.82	85	11	314	41	3.15
Rochester Hills	32.97	1,475	101	2,720	86	26.12
Rose Township	36.24	803	133	936	1,036	31.70
Royal Oak	11.78	591	94	2,114	6	7.40
Royal Oak Township	0.69	9	0	103	0	0.52
South Lyon	3.04	15	39	175	5	2.67
Southfield	27.83	650	210	2,920	26	21.88
Southfield Township	0.19			7		0.18
Springfield Township	36.78	2,732	129	1,160	982	28.96
Sylvan Lake	0.83	9	9	80	207	0.35
Troy	33.53	1,021	219	3,268	92	26.34
Walled Lake	2.39	20	12	205	155	1.78
Waterford Township	35.19	1,516	630	2,679	2,890	23.14
West Bloomfield Towns	31.24	1,311	161	2,164	2,961	20.93
White Lake Township	37.17	5,302	164	1,409	2,263	22.89
Wixom	9.44	223	425	408	81	7.66
Wolverine Lake	1.69	48	0	167	270	0.93
County Totals	910.25	57,303	5,437	53,378	27,296	686.17
Less Northville	(1.02)	(22)	(1)	(124)	(1)	(0.79)
Planning Values	909.23	57,281	5,436	53,254	27,295	685.38

Total Units by Type

Occupied Units by Type

#	Community	Single Family	Two Family	Multi-Family (3 or more)	Mobile Home Units	MSL Units	Total DUs	Single Family	Two Family	Multi-Family (3 or more)	Mobile Home Units	MSL Units	Total DUs
1	Addison Twp	1,626	70	18	277	13	1,954	1,516	19	17	264	11	1,827
2	Auburn Hills	3,100	75	4,070	886	51	8,182	3,000	70	3,502	833	48	7,453
3	Berkley	6,147	126	466	3	27	6,769	6,082	106	449	3	27	6,668
4	Beverly Hills	3,858	0	301	1	11	4,171	3,796	0	283	1	11	4,090
5	Bingham Farms	270	2	184	0	2	458	243	2	175	0	2	423
6	Birmingham	1,063	250	2,605	3	40	9,961	6,818	228	2,231	3	36	9,315
7	Bloomfield Hills	2,708	20	436	1	28	1,693	1,149	19	374	1	24	1,567
8	Bloomfield Twp	13,800	19	3,358	4	75	17,256	13,391	14	2,967	4	68	16,444
9	Brandon Twp	3,186	16	34	917	15	4,174	3,038	19	27	903	14	4,001
10	Clarkston	3,112	22	118	0	6	456	300	21	112	0	6	440
11	Clawson	4,387	81	1,217	0	24	5,709	4,346	75	1,175	0	23	5,618
12	Commerce Twp	8,139	206	174	1,001	34	9,554	7,848	197	153	856	30	9,084
13	Farmington	2,768	11	2,172	1	27	4,959	2,717	10	1,988	1	27	4,743
14	Farmington Hills	16,277	132	13,198	549	183	33,259	18,830	97	11,642	521	178	31,267
15	Ferdale	8,253	736	1,132	4	82	10,207	8,027	705	1,088	4	60	9,883
16	Franklin	1,015	0	10	0	2	1,027	983	0	9	0	2	994
17	Groveand Twp	1,470	11	49	286	6	1,802	1,448	11	46	251	5	1,762
18	Hazel Park	6,412	38	1,017	6	75	7,871	6,192	321	776	6	71	7,366
19	Highland Twp	1,100	91	297	1,377	20	6,848	4,867	47	217	1,321	17	6,469
20	Holly	1,311	88	433	413	28	2,283	1,284	85	390	398	20	2,178
21	Holly Twp	1,700	18	25	30	12	1,288	1,128	17	23	25	10	1,204
22	Huntington Woods	2,408	0	6	0	2	2,414	2,379	0	4	0	2	2,385
23	Independence Twp	8,040	81	1,398	612	27	10,210	7,833	77	1,188	578	24	9,799
24	Keego Harbor	613	30	363	94	10	1,330	789	29	320	89	7	1,234
25	Lake Angelus	1,410	0	0	0	0	142	126	0	0	0	0	126
26	Lake Orion	809	88	343	2	40	1,376	828	88	321	2	25	1,263
27	Lathrup Village	1,578	3	90	0	8	1,629	1,501	3	79	0	8	1,591
28	Leonard	13	0	0	4	0	141	130	6	0	4	0	140
29	Lyon Twp	2,400	38	221	816	14	3,490	2,338	26	181	792	14	3,351
30	Madison Heights	6,410	88	3,324	486	89	13,370	9,276	57	3,129	476	87	13,026
31	Millford	1,630	80	703	2	27	2,457	1,580	79	650	2	23	2,335
32	Millford Twp	2,158	15	15	622	6	2,807	2,079	4	9	577	5	2,674
33	Northville (pt)	970	0	338	0	10	1,319	951	1	322	0	10	1,284
34	Novi	8,188	43	7,286	1,860	107	17,492	8,034	35	6,424	1,803	106	16,402
35	Novi Twp	0	0	0	0	0	0	0	0	0	0	0	0
36	Oak Park	8,760	100	1,882	6	88	11,360	9,027	102	1,701	6	88	10,925
37	Oakland Twp	3,118	1	7	372	14	3,514	3,034	4	6	358	4	3,406
38	Orchard Lake Village	770	5	0	0	4	783	713	1	4	0	1	719
39	Orion Twp	1,302	82	1,228	424	45	9,057	7,089	51	1,141	410	35	8,706
40	Ortonville	388	40	123	0	8	572	385	37	112	0	8	543
41	Oxford	870	80	360	1	22	1,296	805	87	346	1	17	1,256
42	Oxford Twp	2,634	30	290	641	11	3,606	2,570	25	274	825	8	3,502
43	Pleasant Ridge	1,040	21	10	2	6	1,085	1,027	24	9	2	5	1,067
44	Pontiac	11,718	5,244	8,408	352	408	26,473	15,132	1,379	7,485	347	392	24,715
45	Rochester	1,811	180	1,833	1	39	3,884	1,787	148	1,694	0	27	3,657
46	Rochester Hills	16,560	80	7,317	1,359	125	25,423	16,205	59	6,562	1,298	121	24,246
47	Rose Twp	1,802	34	17	132	10	2,098	1,713	28	13	126	7	1,888
48	Royal Oak	21,044	78	8,354	8	164	29,372	19,835	735	7,882	8	157	28,616
49	Royal Oak Twp	580	21	1,975	1	31	2,612	536	20	1,852	1	31	2,439
50	South Lyon	1,330	122	1,755	144	33	3,387	1,306	117	1,633	143	23	3,222
51	Southfield	11,480	70	17,937	709	247	35,456	16,125	66	15,463	670	228	32,552
52	Southfield Twp	3,270	30	348	730	14	4,394	3,124	28	309	703	11	4,175
53	Springfield Twp	809	10	56	2	2	876	789	8	53	2	2	854
54	Sylvan Lake	2,476	70	7,597	283	118	29,497	21,020	67	7,001	275	115	28,477
55	Troy	1,787	74	1,518	144	40	3,063	1,262	72	1,483	141	38	2,976
56	Walled Lake	2,113	224	6,963	180	159	28,139	20,270	205	6,321	181	153	27,110
57	Waterford	16,121	219	5,716	3	131	22,190	15,584	209	5,091	2	126	21,012
58	West Bloomfield	1,621	84	430	1,689	34	9,819	7,222	60	386	1,576	21	9,296
59	White Lake Twp	809	18	3,626	7	17	5,478	1,776	14	3,253	7	12	5,063
60	Wixom	1,580	12	158	0	2	1,757	1,553	12	138	0	2	1,705
61	Wolverine Lake	0	0	0	0	0	0	0	0	0	0	0	0
Oakland County		311,218	6,556	123,212	17,407	2,853	483,247	304,815	6,027	110,445	16,581	2,833	440,501
Less Northville		(970)	(0)	(338)	0	(10)	(1,319)	(951)	(1)	(322)	0	(10)	(1,284)
Planning Values		310,248	6,556	122,874	17,407	2,843	481,928	303,864	6,026	110,123	16,581	2,823	439,217
RRRASOC		83,483	478	47,713	4,230	888	106,582	52,388	437	42,047	4,078	626	99,578
SOCRRA		10,859	2,645	29,976	803	745	136,027	99,862	2,443	27,859	785	721	131,486
Pontiac		15,781	1,524	8,408	352	408	26,473	15,132	1,379	7,485	347	392	24,715
Remainder		14,116	1,911	36,777	12,022	1,022	182,846	138,482	1,787	32,952	11,371	884	183,480
Planning Values		310,248	6,556	122,874	17,407	2,843	481,928	303,864	6,026	110,123	16,581	2,823	439,217
Livingston County		40,262	923	4,739	3,299	349	49,572	37,500	854	4,271	3,119	278	46,023
Macomb County		201,739	3,424	75,549	13,882	2,301	296,705	198,505	3,174	68,753	13,013	2,184	285,630
Monroe County		39,265	1,893	6,298	4,604	458	52,518	38,126	1,747	5,871	4,304	402	50,450
Oakland County		313,218	6,559	123,212	17,407	2,853	483,247	304,815	6,027	110,445	16,581	2,833	440,501
St. Clair County		45,958	2,712	7,759	5,436	598	62,483	42,785	2,448	6,806	5,035	453	57,507
Washtenaw County		63,275	4,045	47,177	4,970	987	120,454	61,039	3,786	42,796	4,894	908	113,223
Wayne County		548,961	59,206	188,645	14,231	10,597	831,640	530,745	53,172	173,115	13,551	9,804	780,387
SEMCOG Totals		1,252,676	78,782	483,379	63,839	18,143	1,876,599	1,213,497	71,208	412,056	60,299	16,882	1,773,722

The County's waste stream is also handled at a variety of other non-licensed facilities such as recycling drop-off centers, small transfer operations and pure source separated MRFs, none of which require Act 451 designation. Although no inventory is kept of such facilities, the Report of Municipally Sponsored Solid Waste Programs - January 1, 1996 contained in the Appendix includes a listing of some drop-off facilities.

Numerous closed landfills, dump sites, and incineration plant sites exist in Oakland County. Some remain as reminders of past poor practices. More than 65 landfill and dump sites (used since World War II) exist as shown in the exhibits and anecdotes frequently are brought up by the old timers that reveal the potential for adding other sites to the list. These are shown in Exhibits 27 and 28. The monitoring of the closed facilities is handled by the Michigan Department of Environmental Quality. Funding for proper closure of sites where environmental problems have occurred is difficult and litigation has resulted in numerous instances. Generally, current program levels and efforts at the state level are accepted by the public as adequate.

Inter-County Flows of Act 451 Wastes:

Michigan's Act 451 provides that wastes may be disposed of at Act 451 facilities in other counties if the export and import of the wastes are explicitly authorized in the approved solid waste management plans of the counties involved. Oakland County currently authorizes the export of wastes to all Michigan counties and to other states and countries. Imports into Oakland County are also authorized from a select list of generally contiguous counties. Additionally, the Oakland County Board of Commissioners has, since adoption of the 1994 plan amendments which established the inter-county flow authorizations, adopted a broader free market, no inter-county flow restriction stance which points the way for a release of current import restrictions.

The Future Waste Stream:

The future waste stream can be projected based upon the population and employment data provided through SEMCOG's most recent Regional Development Forecast and upon the basic waste generation assumptions previously shown in Exhibit 14. Additionally, the projections must be based upon various volume reduction scenarios. First, it is assumed that currently observed volume reduction efforts will not be improved upon as a worst case scenario. Details of this projection are shown on Exhibit 29.

First, broad brush impressions can quickly be gained from these future projections using the waste stream data prior to calculating the impact of volume reduction efforts. Once again examining the county from a geographic perspective, the 61 municipalities were combined together into groups approximating the original 25 townships. The top ten townships from the 1998 sample remain the same in 2020 with minor realignments in their order. As shown, Pontiac township moves to the third position in terms of overall waste generation per net usable square mile from fourth position in 1998 while it remained number one in terms of ISW generation. Additionally, Avon township moves to the sixth position from number seven and Novi township moves to ninth from tenth. The Year 2020 rankings are shown in the table following.

<u>Approximate Township</u>	<u>Overall Waste Density Factor - 2020</u>	<u>Industrial Special Wastes Density Factor - 2020</u>
1. Royal Oak (1)	33.1	1.1 - 3 (3)
2. Troy (2)	23.4	1.2 - 2 (2)
3. Pontiac (4)	22.7	3.9 - 1 (1)
4. Southfield (3)	19.3	0.5 - 7 (6)
5. Farmington (5)	16.3	0.7 - 5 (4)
6. Avon (7)	13.9	0.9 - 4 (5)
7. Bloomfield (6)	13.7	0.3 - 9 (10)
8. Waterford (8)	12.7	0.2 - 12 (12)
9. Novi (10)	10.8	0.5 - 6 (7)
10. West Bloomfield (9)	10.7	0.1 - 16 (16)

The overall waste generation rates of the three topmost 1998 units, Royal Oak, Troy and Southfield townships, declined slightly from the 1998 levels while all other areas increased. In terms of ISW generation, only Pontiac township increased in generation rates, six units dropped in waste generation while three units remained flat. Some caution has to be used when examining the ISW generations rates since it is based on the broad category of manufacturing employment and not upon specific manufacturing and/or industrial facilities.

Secondly, it may be assumed that the Plan's volume reduction goals are successfully achieved as a best case scenario. In the latter instance, the volume reduction scenarios shown in the table following are assumed to occur by the year 2010.

<u>Waste Stream Category</u>	<u>Year 1998</u>	<u>Year 2010</u>
Residential Yard Wastes	16.70%	16.70%
Residential Recycling	7.65%	15.00%
Commercial Yard Wastes	2.00%	2.00%
Commercial Recycling	13.00%	30.00%
Industrial Recycling	15.00%	32.00%
CDD Recycling	15.00%	32.50%
ISW Recycling	15.00%	32.50%
Net Totals After Residues	18.12%	30.49%

Exhibit 30 shows details of this best case volume reduction scenario. Although the total amount of waste generated prior to volume reduction efforts continues to increase since both population and employment are projected to smoothly increase over the next two decades, with achievement of the VR goals, the amount of wastes destined for disposal will decline by about 6.6% through 2010. Beyond that point in time, unless additional volume reduction achievement levels are

ATTACHMENT F

Waste Generation Data

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Waste Generation and Disposal Assumptions

1990 Waste Generation and Disposal Assumptions

Waste Stream Component	\$ per Day	Assumptions see 1.88	Gallons per Ton	Pounds per Ghd.
Municipal Solid Waste		1.5 @ 2 gpd/ind and 3 gpd/ton	3	866.7
Residential	3.77	per capita		
Commercial	6.76	per employees of all other classes		
Industrial	6.83	per manufacturing employee		
Total Composite				
Construction & Demolition Debris		1 @ 2 gpd/ind and 2 gpd/ton	2	
Total	9.7	per capita See Modifier discussion below.		
Industrial Special Waste		1 @ 1428 @ 1 gpd/emp, both at 17500	1.1428	
Total	9.83	assumed value per manufacturing employee based on "rate analysis" shown to the right. Also see "Manufacturing" employment modifier at right.		

Process Residue	Percent	
Compost	1.78%	(same as Municipal Solid Waste above)
Recycle	5.00%	32% WW Green Clipping Factor (same as Municipal Solid Waste above)
CDD	7.50%	(same as CDD wastes above)
ISW	7.50%	(same as ISW wastes above)
Incinerator Ash	28.50%	1 (weight based on wet ash)

Construction and Demolition Debris Modifier

This has previously been presented as a \$ per capita value.

However, when viewed from the standpoint of growth wouldn't employment (or the contribution of the places where people work and the infrastructure needed to support them) also play a major role? Especially since the rate of growth in employment can be substantially different than that of the population?

	1979	1988	2020
Population	888,000	1,088,225	1,356,679
Change		1.19	1.49
Employment	232,198	688,181	886,675
Change		2.88	2.67

Assumptions to spread CDD generation to both population and employment.

Using Michigan in 1990 as the base for average employment per capita, and assuming that each employee has the following % of CDD generation as compared to each resident the following generation rate per unit (population + adjusted employment) occurs:

100% Relative Impact	
0.46289 \$ per unit per day	
0.463 (rounded)	

Construction & Demolition Debris Modifier

Year	Modifier	@cap
1979	0.880	0.8321
1975	0.880	0.8573
1980	0.882	0.8948
1985	1.083	0.7368
1990	1.078	0.7545
1995	1.081	0.7634
2000	1.108	0.7768
2005	1.121	0.7852
2010	1.121	0.7849
2015	1.108	0.7741
2020	1.084	0.7656

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This modifier is used as a multiplier against the \$/cap/day values.

Calculating Industrial Special Waste Generation Rates

Michigan - 1990 - Using U of M RMI Projections dated 9/94

Population	9,314,200
Total Employment	4,771,162 0.512 per capita
Manufacturing Employment	955,437 0.103 per capita

Generation Factors from "Assumptions" - \$ per unit per day

MSW - Residential	3.77
MSW - Commercial	5.75
MSW - Industrial	6.89
CDD	0.7

New Assumptions in re: ISW - Industrial Special Waste

CDD + ISW as a % of statewide MSW - 1990

25.09%

1990 Calculations - in tons per day

MSW - Residential	17,557.27
MSW - Commercial	10,970.21
MSW - Industrial	3,291.48
Total MSW	31,818.96
CDD	3,259.97
CDD + ISW =	7,954.74
ISW	4,684.77
Total Act 451 Part 115	39,773.70

Calculated ISW Generation Factor - \$ per Man. Emp per Day

9.8275
9.83 Rounded

"Manufacturing" Employment Modifier

Although Oakland County has a considerable number of employees in the "Manufacturing" SIC Code categories, an unusual percentage of these employees are in headquarters or regional office facilities as compared to factories. An example is the recent relocation of the Chrysler headquarters operations to the Auburn Hills site.

Year	1970	1990	2000	2010	2020
Say ...	100.00%	89.00%	85.00%	80.00%	80.00%

Note: These values vary depending upon which County or combination thereof is being analyzed.

Manufacturing Employment Modifier

Year	Modifier	Rounded
1970	1.000	1.00
1975	0.950	0.95
1980	0.894	0.89
1985	0.833	0.83
1990	0.800	0.80
1995	0.725	0.73
2000	0.650	0.65
2005	0.600	0.60
2010	0.550	0.55
2015	0.525	0.53
2020	0.500	0.50

This modifier is used to adjust Manufacturing employment values used in Commercial MSW, Industrial MSW and ISW generation values formulas.

Oakland County Two Northville

Oakland County Solid Waste Planning

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Examining Residential Generation Rates Prior to Recovery (Source Reduction & Reuse, Composting, and Recycling).

Item	Factors	% Y. W. of Total	Adjust Factor *	Pop	Pop Adjusted	Generation #/day	Waste #/day	Yard Waste #/day	Gen/Capita #/Capita/day	Gen/Capita #/Capita/day wo Y. W.	Check
1998 Population	1,172,276										
Percent Multiple Population **	21.15%										
MF Urban	90.15%	2.00%	0.9	223,537	201,183	658,606	645,434	13,172	2.9483	2.8874	0.9
MF Rural	9.85%	0.00%	0.9	24,423	21,981	70,518	70,518	0	2.8874	2.8874	0.9
Percent Single Family Pop.	78.85%										
SF Urban	80.43%	22.65%	1.0	743,439	743,439	3,079,527	2,385,093	694,433	4.1423	3.2082	
SF Rural	19.57%	6.00%	1.0	180,877	180,877	610,829	580,288	30,541	3.3770	3.2082	
	100.00%	100.00%		1,172,276	1,147,480	4,419,481	3,681,334	738,147	3.7700	3.1403	
					# per Capita	3.770		0.630			
					% Yard Wastes			16.70%			
					Base Single Family Generation Rate wo Yard Wastes =			3.2082			

Overall Generation Rate = **3.770000** 4,419,481

* Operating on the assumption that because of limited storage, difficulty in getting wastes to disposal point, etc., the multi-family person is more frugal than the single family person in generating wastes - i.e. a more careful purchaser, etc.

** Population in housing units with 3 or more dwelling units and including DUs in the "Other" category.

Summary

If Rural is defined as a municipality having a total population density of less than the following amount per net usable square mile.....

1,500 persons / sq. mile

All in # / capita / day

wo YW

and If overall residential generation rate is 3.77000

Single Family Urban gen rate is 4.14227 3.20819

Single Family Rural gen rate is 3.37704 3.20819

Multiple Family Urban gen rate is 2.94830 2.88737

Multiple Family Rural gen rate is 2.88737 2.88737

Note: This sheet displays why the use of a single per capita generation value is inappropriate for use on a statewide basis. Great care has to be taken to customize the generation per capita values to individual counties and the characteristics thereof. Major characteristics involve percent multiple housing, percent urban and rural single family housing and the percent of yard wastes generated by each category of housing.

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Solid Waste Database
Oakland County, Michigan

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Projected 1998 Act 451 Solid Waste Stream (in tons per day) - Adjusted for Dwelling Unit Types and Density

# Municipality	Municipal Solid Waste Component					Total MSW	CDD	ISW	Total 451	Total Residential % Change
	Single Family Residential	Multi-family Residential	sub-total Residential	Commercial	Industrial					
1 Addison Township	8.74	0.87	9.61	2.97	0.07	12.65	2.23	0.09	14.97	-11.78%
2 Auburn Hills	26.54	11.88	38.42	81.01	38.38	157.80	8.06	54.75	220.61	-2.39%
3 Bentley	32.80	1.56	34.37	17.53	0.48	52.37	6.52	0.68	59.58	7.87%
4 Beverly Hills	20.01	0.89	20.90	7.73	0.24	28.87	3.96	0.34	33.18	7.99%
5 Bingham Farms	1.32	0.48	1.80	22.98	0.88	25.46	0.37	0.97	26.80	-0.88%
6 Birmingham	32.95	6.29	39.24	58.60	2.88	100.72	7.78	4.10	112.60	3.15%
7 Bloomfield Hills	6.10	1.29	7.39	37.52	0.78	45.68	1.74	1.11	48.53	-13.01%
8 Bloomfield Township	76.59	8.66	85.25	57.84	2.13	145.21	16.53	3.03	164.78	5.51%
9 Brandon Township	18.70	2.55	21.25	4.44	0.38	26.07	4.95	0.54	31.56	-12.22%
10 Clarkston	1.47	0.38	1.84	9.17	0.53	11.54	0.37	0.75	12.67	1.44%
11 Clawson	22.90	3.37	26.26	15.74	1.76	43.76	5.14	2.51	51.41	4.43%
12 Commerce Township	53.71	3.04	56.76	21.50	2.20	80.46	10.80	3.14	94.40	7.52%
13 Farmington	13.31	5.52	18.84	22.28	1.07	42.19	3.93	1.53	47.65	-1.82%
14 Farmington Hills	116.29	33.97	150.26	169.81	18.22	338.29	30.55	26.00	394.84	0.63%
15 Ferndale	46.40	3.70	50.10	24.21	4.09	78.40	9.61	5.84	93.85	6.67%
16 Franklin	4.30	0.05	4.35	2.91	0.05	7.31	1.00	0.08	8.39	-10.61%
17 Groveland Township	8.74	0.82	9.56	2.28	0.01	11.85	2.22	0.01	14.08	-11.72%
18 Hazel Park	36.62	3.06	39.68	12.23	1.55	53.46	7.62	2.21	63.29	6.53%
19 Highland Township	28.51	4.13	32.64	13.66	0.79	47.09	7.62	1.13	55.84	-12.31%
20 Holly	8.97	2.33	11.29	7.39	1.80	20.28	2.28	2.29	24.85	1.39%
21 Holly Township	6.07	0.27	6.33	1.41	0.37	8.11	1.46	0.53	10.09	-11.07%
22 Huntington Woods	13.27	0.04	13.31	5.33	0.22	18.86	2.48	0.32	21.67	9.73%
23 Independence Township	46.38	4.81	51.17	17.65	0.87	69.69	11.88	1.24	82.80	-11.84%
24 Keego Harbor	4.40	1.16	5.56	3.87	0.11	9.53	1.12	0.15	10.80	1.30%
25 Lake Angelus	0.57	0.00	0.57	0.18	0.00	0.78	0.13	0.01	0.90	-10.43%
26 Lake Orion	4.59	1.20	5.79	4.76	0.11	10.85	1.17	0.15	11.97	1.33%
27 Lathrup Village	8.35	0.32	8.67	8.04	0.36	17.07	1.64	0.52	19.23	8.23%
28 Leonard	0.65	0.01	0.66	0.15	0.18	0.99	0.15	0.26	1.40	-10.67%
29 Lyon Township	14.33	2.66	16.99	6.34	3.51	26.84	3.98	5.01	35.84	-12.75%
30 Madison Heights	48.72	10.58	59.29	67.73	15.30	142.32	11.84	21.83	175.99	2.45%
31 Milford	10.73	2.02	12.74	13.47	1.50	27.71	2.53	2.14	32.38	3.22%
32 Milford Township	13.08	1.55	14.64	7.64	4.15	26.43	3.41	5.93	35.78	-12.02%
33 Northville (part)	5.61	0.98	6.59	2.48	0.28	9.35	1.30	0.40	11.05	3.62%
34 Novi	63.00	22.77	85.76	71.58	8.92	166.26	17.70	12.72	196.68	-0.82%
35 Novi Township										
36 Oak Park	56.08	5.70	61.78	30.45	3.40	95.63	11.94	4.85	112.41	5.90%
37 Oakland Township	17.58	0.98	18.56	3.43	0.37	22.36	4.28	0.53	27.16	-11.23%
38 Orchard Lake	3.96	0.02	3.98	2.99	0.19	7.17	0.91	0.28	8.36	-10.53%
39 Orion Township	41.05	4.42	45.48	12.71	7.71	65.89	10.56	11.00	87.46	-11.89%
40 Ortonville	2.77	0.41	3.18	1.38	0.10	4.66	0.62	0.14	5.42	4.44%
41 Oxford	5.32	1.14	6.47	3.76	0.76	10.98	1.29	1.08	13.36	2.50%
42 Oxford Township	15.47	2.38	17.85	5.49	2.62	25.96	4.17	3.74	33.87	-12.42%
43 Pleasant Ridge	5.60	0.10	5.70	1.57	0.26	7.54	1.07	0.38	8.98	9.07%
44 Pontiac	104.86	25.91	130.77	129.11	35.42	295.30	26.31	50.54	372.14	1.88%
45 Rochester	10.09	4.76	14.85	42.88	5.91	63.65	3.13	8.43	75.21	-2.79%
46 Rochester Hills	110.38	22.05	132.43	64.17	14.37	210.97	26.33	20.50	257.80	2.91%
47 Rose Township	9.98	0.45	10.43	0.89	0.07	11.50	2.40	0.11	14.00	-11.09%
48 Royal Oak	102.42	22.65	125.07	97.36	6.58	229.01	25.00	9.38	263.39	2.34%
49 Royal Oak Township	3.34	5.23	8.57	7.34	0.43	16.35	1.99	0.62	18.95	-11.96%
50 South Lyon	13.52	4.92	18.44	6.30	0.74	25.47	3.81	1.05	30.33	-0.87%
51 Southfield	91.63	44.95	136.57	311.68	16.21	464.47	28.83	23.13	516.43	-3.08%
52 Southfield Township										
53 Springfield Township	20.15	2.72	22.87	5.42	0.87	29.15	5.33	1.23	35.72	-12.20%
54 Sylvan Lake	3.71	0.17	3.88	3.13	0.09	7.11	0.74	0.13	7.97	7.93%
55 Troy	138.75	20.45	159.20	310.41	48.92	516.53	31.20	66.94	614.67	4.42%
56 Walled Lake	7.38	4.89	12.07	16.95	4.56	33.59	2.80	6.50	42.89	-5.11%
57 Waterford Township	117.26	18.96	136.22	82.03	3.75	222.01	26.80	5.36	254.17	3.99%
58 West Bloomfield Township	100.30	14.98	115.28	47.87	1.26	164.41	22.60	1.79	188.81	4.36%
59 White Lake Township	41.05	5.26	46.31	10.99	0.31	57.62	10.79	0.45	68.85	-12.13%
60 Wixom	14.23	8.58	22.81	15.09	9.49	47.40	4.90	13.55	65.84	-4.68%
61 Wolverine Lake	9.02	0.39	9.41	1.30	0.00	10.71	1.78	0.00	12.49	8.07%
62 County Totals	1,850.59	365.50	2,216.09	2,017.20	276.17	4,509.46	453.45	394.01	5,356.92	0.00%
Less Northville	(5.41)	(0.94)	(6.36)	(2.48)	(0.28)	(9.12)	(1.30)	(0.40)	(10.82)	0.00%
Planning Values	1,845.18	364.56	2,209.74	2,014.72	275.89	4,500.35	452.15	393.61	5,346.11	0.00%

The Total Residential % Change column shows the differences obtained by examining residential generators in terms of single family or multi-family dwelling units and the density of the developments.

It must be noted that the waste stream shown is prior to any volume reduction effort and programs.

Solid Waste Database
Oakland County, Michigan

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Projected 1998 Act 451 Solid Waste Stream (in tons per day) - Adjusted for Dwelling Unit Types and Density

# Approximate Townships	Municipal Solid Waste Component					Total MSW	CDD	ISW	Total 451	Total Net Usable Square Miles	Density Factors per Net Usable Sq. Mile		
	Single Family Residential	Multi-family Residential	sub-total Residential	Commercial	Industrial						MSW	ISW	Tot. Act 451
1 Addison	9.39	0.88	10.27	3.12	0.25	13.84	2.38	0.38	18.37	32.21	0.42	0.01	0.51
2 Avon	120.47	28.81	147.28	107.08	20.28	274.82	29.48	28.94	333.01	29.27	9.38	0.99	11.38
3 Bloomfield	115.84	18.24	131.88	153.88	5.78	291.82	28.05	8.25	325.91	28.07	11.19	0.32	12.50
4 Brandon	21.47	2.98	24.43	5.82	0.48	30.72	5.58	0.68	38.98	31.14	0.99	0.02	1.19
5 Commerce	70.11	8.12	78.24	39.78	8.78	124.75	15.19	9.65	149.59	20.82	5.99	0.46	7.19
6 Farmington	129.80	39.50	169.10	192.09	19.30	380.49	34.48	27.53	442.50	27.59	13.79	1.00	18.04
7 Groveland	8.74	0.82	9.56	2.28	0.01	11.85	2.22	0.01	14.08	22.95	0.52	0.00	0.61
8 Highland	28.51	4.13	32.64	13.68	0.79	47.09	7.82	1.13	55.84	24.51	1.92	0.05	2.28
9 Holly	15.03	2.59	17.62	8.79	1.97	28.39	3.74	2.81	34.94	27.12	1.05	0.10	1.29
10 Independence	47.83	5.18	53.01	28.82	1.39	81.23	12.25	1.99	95.47	28.77	2.82	0.07	3.32
11 Lyon	27.85	7.58	35.43	12.64	4.25	52.31	7.79	6.08	68.16	30.02	1.74	0.20	2.20
12 Millford	23.81	3.67	27.38	21.10	5.65	54.14	5.93	8.07	68.14	28.66	2.03	0.30	2.58
13 Novi	82.84	32.33	115.16	89.14	18.89	223.00	23.90	26.87	273.57	35.83	6.28	0.75	7.68
14 Oakland	17.58	0.98	18.56	3.43	0.37	22.38	4.28	0.53	27.18	29.42	0.78	0.02	0.92
15 Orion	45.84	5.82	51.27	17.48	7.82	78.55	11.73	11.15	99.43	22.48	3.41	0.50	4.43
16 Oxford	20.79	3.53	24.32	9.25	3.38	38.95	5.48	4.82	47.23	30.32	1.22	0.18	1.58
17 Pontiac	131.97	37.79	169.76	210.29	73.80	453.85	34.49	105.29	593.64	29.84	15.21	3.53	19.99
18 Rose	9.98	0.45	10.43	0.99	0.07	11.50	2.40	0.11	14.00	31.70	0.38	0.00	0.44
19 Royal Oak	345.28	52.82	397.88	283.74	32.31	693.84	78.07	48.10	818.11	23.95	28.98	1.93	34.18
20 Southfield	125.81	48.89	172.31	353.33	17.55	543.19	35.80	25.04	604.02	29.48	18.44	0.85	20.60
21 Springfield	20.15	2.72	22.87	5.42	0.87	28.15	5.33	1.23	35.72	28.98	1.01	0.04	1.23
22 Troy	181.85	23.82	185.48	326.15	48.88	580.29	38.34	69.45	688.08	27.94	20.05	2.48	23.84
23 Waterford	117.28	18.88	136.22	82.03	3.75	222.01	28.80	5.38	254.17	23.14	9.80	0.23	10.99
24 West Bloomfield	112.37	18.34	128.71	87.88	1.85	188.22	25.37	2.35	215.84	23.32	8.07	0.10	9.28
25 White Lake	41.05	5.26	46.31	10.89	0.31	57.62	10.79	0.45	68.85	22.89	2.52	0.02	3.01
County Totals	1,850.59	385.50	2,216.09	2,017.20	278.17	4,509.48	453.45	394.01	5,356.92	688.17	8.57	0.57	7.81

Municipalities which straddle two townships were distributed as below...

Birmingham to Bloomfield Twp.
Clawson to Troy Twp.
Holly to Holly Twp.
Lake Angelus to Pontiac Twp.
Pontiac to Pontiac Twp.
Royal Oak to Royal Oak Twp.
Sylvan Lake to West Bloomfield Twp.
Wixom to Novi Twp.

Oakland's Solid Waste Authorities	Municipal Solid Waste Component					Total MSW	CDD	ISW	Total 451	Total Net Usable Square Miles	Density Factors per Net Usable Sq. Mile		
	Single Family Residential	Multi-family Residential	sub-total Residential	Commercial	Industrial						MSW	ISW	Tot. Act 451
RRRASOC	333.89	128.08	481.75	820.03	62.73	1,144.51	98.31	89.49	1,330.31	93.23	12.28	0.98	14.27
SOCRRA	518.17	88.13	584.30	589.18	88.74	1,242.23	113.98	89.08	1,454.28	51.89	23.94	1.89	28.02
Total Authorities	849.88	198.20	1,048.05	1,209.21	131.47	2,386.74	210.27	187.57	2,784.57	145.13	18.46	1.29	18.18
% of County Totals	45.92%	53.88%	47.20%	59.95%	47.80%	52.93%	46.37%	47.80%	51.98%				

RRRASOC Municipalities

Farmington
Farmington Hills
Lyon Township
Novi
Southfield
South Lyon
Wixom
Walled Lake

SOCRRA Municipalities

Berkley
Beverly Hills
Birmingham
Clawson
Farmdale
Hazel Park
Huntington Woods
Lathrup Village

Madison Heights *
Oak Park
Pleasant Ridge
Royal Oak

Royal Oak Township *
Troy
* Prior to late 1997