

**Solid Waste Management Plan  
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## ***SECTION I***

### ***CLEARWATER COUNTY SOLID WASTE MANAGEMENT PLAN***

#### ***2002 UPDATE EXECUTIVE SUMMARY***

This document is an update to the December 1990 Solid Waste Management Plan and its subsequent 1994 and 1997 amendments. The Clearwater County Board of Commissioners anticipates little if any major changes to solid waste management within the County during the next 10 years. This document, therefore, describes the waste abatement, recycling and waste disposal systems currently in place. Detailed background information is available in the previous plan and amendment, which are kept on file in the Clearwater County Zoning and Solid Waste Office. This Plan Update supports the policies and goals of the Clearwater County Board of Commissioners to conform to the requirements of Minnesota Statute 115A (The Minnesota Waste Management Act).

The County=s integrated solid waste system has proved and will continue to be successful. The County generated approximately 4,687 tons of waste in 2000 with 77.3% being diverted to the Polk County Waste to Energy (WTE) Facility (incinerator) and 22.7% being recycled.

A new contract has been entered into with the Polk County WTE Facility which will be in effect until December 31, 2008. A copy of the contract is on file at the Clearwater County Office of Environmental Services.

In an effort to increase recycling rates and improve operational efficiency, the WTE Facility has designed and implemented an up-front waste processing system. This system insures that recyclable materials, problem and or objectionable are removed. This hand and machine pick line began operating in 1996 and has helped increase recycling rates and improve the operation of the incinerator.

The County=s existing Solid Waste Programs will continue as they have in the past. However, the Board of Commissioners will direct examination of these existing programs to insure they continue and are expanded if and when needed. The Commissioners will examine all aspects of proposed programs to be sure they are in the best interests of the residents and adhere to existing solid waste management planning rules and program outlines.

As required by law, the county will review the solid waste management system and develop a new update in 2007.

## **SECTION II**

### **COUNTY BACKGROUND INFORMATION**

#### *2.1 Introduction*

This document is an update to the 1990 Solid Waste Management Plan and the subsequent 1994 and 1997 Solid Waste Management Plan Amendments. The County Board of Commissioners foresees few if any major changes within the county during the planning period.

#### *2.2 Demographic Information*

Information from the State Demographer=s Office states that the 2000 population of the county is 8,423 which is a 1.4% increase from 1990. Demographic information can be found in Appendix G.

Land use is predominately agricultural, forestry and fisheries.

Unemployment figures are located in Appendix G.

Median household income is indicated in Appendix G.

More information regarding demographics for Clearwater County may be found at the State Demographer=s Office and in the 1991 Solid Waste Management Plan.

#### *2.3 Solid Waste Generation and Collection*

The estimated total waste generation for Clearwater County for 2002 is 4,972 tons. Projections for the 10 year planning period can be found in the Goal Volume Table located in Appendix A. The residential and commercial solid waste stream for the county has remained consistent with the numbers listed in the 1991 Solid Waste Management Plan. The cities of Bagley & Gonvick have instituted mandatory waste collection ensuring 100% participation, while rural residents have 14 waste disposal canisters placed throughout the county for public usage. Locations may be found in Appendix E under County Service Locations.

Solid waste collection canisters are placed in fourteen strategically located positions around the county and are available for use only by residents and exclude commercial businesses or non-county residents. Currently there are two licensed haulers in Clearwater County. Both are under contract with the County to collect waste at these sites and dispose at the Polk County Incinerator. Each site has a sign denoting the collection point, list of rules for use, prohibited items and the designated hauler servicing the site. The county employs a seasonal employee to monitor the site, provide educational assistance and manage litter and problem materials

The County has adopted a service fee structure, which applies solid waste fees to all properties in the county based on their use. Properties are categorized according to type of use and fees are assessed accordingly. For more information regarding the service fee structure see Appendix D. Volume based rates are charged by haulers in the County as an incentive to promote recycling and waste reduction.

Composition of waste generated in the county has been modeled after the Minnesota Solid Waste Composition study and is represented in Figure 1, obtained from the 2000 Report on SCORE Programs, by MN Office of Environmental Assistance. It is assumed these percentages are representative of the categories of waste generated within the county.

#### *2.4 Planning History*

Although local planning began as early as 1988 it continues through present and will continue throughout the period covered by the plan update. During 1990, the solid waste officers in the region began meeting to discuss potential improvements to local programs and regional cooperation where feasible. This cooperation has resulted in Clearwater County participating in the Fosston WTE Resource Recovery project (contract through 2008), and development and implementation of the Northwestern Minnesota Household Hazardous Waste Management Group (NWMNHHW, Regional Facility located in Bagley). The County has also established a waste advisory committee with members from each district and one township. The committee makes recommendations to the County Board of Commissioners through the solid waste administrator.

Other activities include:

- X Transfer station - 1988
- X Incinerator operational - 1988
- X Canister system operational - 1989
- X Recycling center operational - 1990
- X Recycling center modification - 1993
- X HHW Facility operational - 1994
- X HHW mobile collection unit operational - 1995

Because of efforts by the region's solid waste officers there have been no duplicative efforts or barriers to communication and cooperation in the development of regional projects.

## SECTION III

### RESOURCE RECOVERY AND DISPOSAL SYSTEM ANALYSIS

#### 3.1 *Existing System and Potential Improvements*

Clearwater County has a current regional agreement with the counties of Polk, Beltrami, Norman, and Mahnomen for the delivery and disposal of solid waste at the incinerator located in Fosston. This facility is owned and operated by Polk County, and provides steam for two area business: Minnesota Dehydrated Vegetables and Northern Food and Dairy.

In 1987, the waste combustor in Fosston was constructed to comply with the State=s initiative for landfill abatement. After successful stack testing for air emissions, the plant began burning municipal solid waste in 1988. The incinerator burns approximately 90 tons per day - seven days per week and has processed up to 31,000 tons in one year. Energy is produced in the form of steam, which is sold to two food processing companies located near the incinerator in Polk County. Only one of these customers was operating before the waste combustor was constructed. The relatively inexpensive energy from the plant has been a drawing attraction for economic development in the area.

The waste combustor is centrally located within the five county region. MSW is delivered either by compactor truck or with tandem loaded roll-off containers to the tipping floor of the incinerator. Polk County and Beltrami County employ the use of transfer stations while Mahnomen, Norman and Clearwater counties have their waste hauled directly to the incinerator from collection points. Incoming waste is deposited on the tipping floor after which a loader operator stock piles the material and also charges the incinerator on a first-in-first-out basis. Loads are randomly inspected during dumping, and stock piling and charging give the operators the opportunity to pick out some of the obvious objectionable/problem materials.

A Capital Assistance Program (CAP) grant was obtained in 1995 by Polk County to add a materials removal facility to extract recyclables, non-processible and objectionable items from the waste stream prior to incineration.

Some of the benefits expected from the project were:

- X separate problem materials, which cause increasing amounts of maintenance and downtime of the process equipment and consumption of valuable space in the lined ash cells at the landfill.
- X supplement the curbside recycling programs by the recovery of marketable materials (ferrous, aluminum and cardboard) which have not been, nor are likely to be, captured entirely by the recycling programs in the five counties.
- X increase the throughput capacity of the combined plant by separating materials for management in a more environmentally preferred manner (according to the State of Minnesota=s waste management hierarchy) and burning only that remaining, higher-

BTU, waste material.

- X facilitate compliance with the Minnesota Pollution Control Agency's waste combustor air emission rules to reduce the quantity and toxicity of the ash, reduce mercury emissions, and reduced overall air emissions from the incinerator stack.

The materials removal facility began operation in late September 1996. Some of the initial benefits that were realized are:

- X plant throughput has been increased to over 700 tons per week. This was previously limited to 600 tons per week
- X Over 265 tons of recyclables were allocated to the five counties in the first year for credit toward their SCORE Report
- X hauling savings are being realized through reduced quantities of ash but are mostly offset by the hauling of the fines component
- X Financial assumptions that maintenance savings and revenues will justify the facility appear realistic

The waste extracted in the materials removal facility that will no longer be incinerated has resulted in improved air emissions and has made it easier for the facility to meet emissions standards.

The goal-volume table estimates that about 6% of the total waste generated in Clearwater County may be problem material type waste. The up-front processing along with the already established HHW program should address the removal of problem waste. With these two programs the County meets the state requirement to reduce the quantity and toxicity of incinerator ash. In addition to these two programs, the recycling program along with other waste abatement programs in this plan address state requirements to reduce the quantity of processing residuals that require disposal.

Although ash from incinerators continues to test non hazardous, Fosston's ash is disposed of in lined monofill cells at the Polk County Landfill. Some states utilize this ash for road bed material turning a liability into an asset. This concept is being pursued by Polk County and in fact a demonstration project was completed in 2001 which involved actual construction of a road using ash as a substitute for aggregate. More information about this can be obtained from the Polk County WTE Facility.

On October 30, 1986 the MPCA issued solid waste permit 2123-86-0T-1 for the incinerator to be constructed and operated at its 80 ton per day design capacity. The current permit status is active / pending MPCA rule revisions. A full description of the facility's two independent 40 ton per day combustion systems is provided in the *Clearwater County Solid Waste Management Plan, 1990* and incorporated by reference herein. The 1990 Plan is available at the Minnesota Office of Environmental Assistance and the Clearwater County Solid Waste Department.

Waste collected at our fourteen canister sites and at residential and commercial

establishments by two licensed haulers is transported approximately 20 miles to the WTE facility. The amount of waste delivered for about the last ten years is represented in Figure 2. At the current cost per ton for disposal and amount of volume we deliver, the single largest expense in the solid waste budget is disposal at the Fosston incinerator, which consumes between 40 and 50 percent of the entire solid waste budget.

The types of potential environmental impacts associated with the waste-to-energy process that must be addressed fall into two major categories: air emissions and ash disposal. These concerns are the responsibility Polk County and the Incinerator facility. The MPCA *Environmental Risk Discussion* is included in the *Clearwater County Solid Waste Management Plan Amendment 1990*.

### 3.2 *Air Emissions*

The combustion of solid waste releases a number of air pollutants including particulate matter, heavy metals and products of incomplete combustion (PIC=s). Dioxins, furans and heavy metals (especially mercury and lead) have received a great deal of attention in the last decade due to their toxicity. The MPCA promulgated new waste combustor rules in 1994, which became effective during 1997, and new rules are again driving upgrades to the emission control equipment at this time. Federal and State governments are revising rules on an ongoing basis and the counties will need to review the potential impacts of these rules on the WTE facility as the rules become effective. Details about the incinerator's equipment and methods to control particular emissions components are available from Polk County. Using best available technology as it becomes available, the incinerator in Polk County consistently achieves impressive emissions testing results, and Clearwater County feels the incinerator is an environmentally preferable alternative to landfilling waste.

### 3.3 *Ash Handling and Disposal*

Ash volumes equal ten to twenty percent of the MSW infeed and must be continually removed from the incinerator. Bottom ash, generated in the primary combustion chamber, is pushed out of the combustion chamber into a quench pit where it is cooled by immersion in water. Ash is removed from the quench pit by chain drag conveyors. Ash is then loaded into containers for transport to the land disposal facility. The fly ash is mixed with the bottom ash and eventually transported as mentioned above.

### 3.4 *Ash Management Options*

There are a number of WTE facilities throughout the nation recovering bottom ash for aggregate material in concrete blocks and for road construction. The counties will explore this technology and others as options to landfilling.

Clearwater County plans to continue to participate in the existing resource recovery program. However, the county is concerned about how future regulatory developments will impact the

ability to finance the program. The costs associated with meeting existing and future regulations covering air emissions, ash testing and ash disposal are difficult to forecast in a meaningful manner. Dramatically rising tipping fees could put increased strain on existing contractual agreements and relationships with counties involved in this program.

When the incinerator was constructed, the tipping fee was \$45.00 per ton, however due to tighter pollution control constraints additional monitoring equipment has been installed which has increased the tipping fee to the current \$70.00 per ton. New regulations will require upgrading current pollution control equipment and could again raise the tip fee significantly. Clearwater County is assuming that they will continue to utilize the incinerator in the future. This assumption is dependent on future costs, legislation, and waste assurance options. The contract for use of the facility expires in 2008.

Minnesota state law requires that counties develop solid waste management systems that abate the continued use of sanitary landfills to the maximum extent feasible and prudent, and expresses a clear preference for resource recovery over landfilling. Although the counties have made great efforts to insure that presort removes most to the reclaimable materials some waste must be landfilled. The Polk County Sanitary Landfill (Permit Number 124) occupies a 160 acre site located approximately ten miles east of Crookston, Minnesota in Gently Township. Ash from the incinerator that arrives at this facility is greatly reduced from its original pre-burned volume, thereby maximizing the life expectancy of the landfill.

### *3.5 Opportunities for Improvement*

It is the goal of Clearwater County to ensure that the incinerator is operated in the most environmentally sound and efficient manner as possible. The counties that deliver waste to the incinerator meet regularly to discuss economic and environmental issues. Improvements are continuously made to the resource recovery equipment to ensure that the facility is operating in the most economically and environmentally sound manner as possible. The various county staff and the facility manager continue to discuss opportunities to use the ash in a productive manner such as using it for "asphalt". Clearwater County continues to work towards moving waste disposed of on-site into the solid waste system by assessing its service fee on all properties and providing convenient disposal locations.

### *3.6 Contingencies*

Clearwater County plans to continue to utilize the Polk County Incinerator for the disposal of waste that cannot be reduced, reused or recycled.

Prior to the expiration of the current contract in 2008, Clearwater County will assess options available within the scope of the solid waste climate at that time. If the WTE facility should not be in operation at the time of contract negotiations the county will explore the most viable waste disposable option.

## ***SECTION IV***

### ***POLICIES AND PROGRAMS***

#### ***4.1 Introduction***

As previously indicated, this document is an update to previous solid waste plans and amendments. Clearwater County has a successful, mature solid waste management program. The County Board of Commissioners has no intention of making changes to successful program components. Furthermore, the Board of Commissioners is committed to supporting the traditional values of the county=s residents and integrating contemporary waste management practices through existing waste abatement programs. This section describes successful programs and indicates that the programs will be continued through the period of time covered by this update. Less successful programs and components are explored in more detail.

#### ***4.2 Solid Waste Reduction***

##### ***General Policy and Goals***

The Clearwater County Board of Commissioners, as do residents, regard waste reduction as a primary constituent of the integrated waste management system. However, waste reduction is difficult to quantify. The County's previous Plans, and this update, will continue to rely upon strategies that should motivate individuals and businesses to reduce waste generation. The county hopes to reduce solid waste generation by a minimum of 3%.

##### ***Existing Program***

The county currently provides the following assistance to businesses and institution:

- X ongoing distribution of materials exchange information
- X ongoing on-site technical assistance
- X ongoing telephone assistance
- X ongoing distribution of source reduction brochures, flyers and posters
- X surveys of businesses regarding waste reduction
- X the County leads by example by proper procurement practices
- X Requires volume based pricing for MSW collection

The county currently provides the following assistance to residents:

- X ongoing distribution of brochures, flyers and posters
- X develop, finance and advertise reuse, reduce and recycle
- X develop and advertise reduction of HHW
- X ongoing visits to schools to promote source reduction and continued use of the OEA *AWhat-a-Waste@* curricula.
- X Requires volume based pricing for MSW collection

*Proposed Program*

The County proposes to continue the existing system, and implement additional source reduction activities consistent with the MN OEA's criteria for the Source Reduction Credit, through the period covered by this update.

*4.3 Solid Waste Education*

*General Policy and Goals*

Clearwater County considers education through the Environmental Services Office as the most significant activity for changing behavior and increasing waste management activities. It is the policy of the Clearwater County Board of Commissioners to ensure that all areas within the county are informed of existing and future waste management programs. Education is the key to a successful source reduction and recycling program.

*Existing Program*

- X weekly articles or advertisements in 2 weekly local newspapers and on radio
- X distribution of public service announcements to radio stations
- X use of cable television's community informational and events channel
- X public speaking engagement to civic groups and special interest and social clubs.
- X sponsoring special events designed for promotion of waste abatement and recycling programs.

*Proposed Program*

The County proposes to continue the existing system through the period covered by this update.

*4.4 Recycling*

*General Policy and Goals*

It is the policy of the Clearwater County Board of Commissioners to meet and exceed the state mandated recycling goals whenever possible. To assure compliance the county provides a convenient opportunity for all residents to recycle.

*Existing Programs*

- X twice per month recycling collection in 3 cities
- X a recycling center
- X recycling drop-off sites in 3 cities
- X recycling drop off containers at 6 rural solid waste collection sites
- X recycling at local schools
- X recycling at hospitals and clinics
- X recycling at post office
- X recycling by telephone companies
- X recycling by county and municipal governments
- X recycling is available for business, industry and institutions
- X utilization of the Resource Recovery facility at the Fosston WTE Plant for recovering recyclables left in the waste stream

Note: Locations of existing recycling programs are depicted in Appendix E. Volumes of recycling collection opportunities are available in appendix C.

*Proposed Programs*

The County proposes to continue the existing system through the period covered by this update. In addition, the County intends to continue to support Polk County in its pursuit of ash utilization as a means to recycle incinerator ash, which is otherwise landfilled.

*4.5 Yard Waste Management*

*General Policy and Goals*

It is the policy of the Clearwater County Board of Commissioners to encourage yard waste composting and to comply with the yard waste prohibition. It is the goal of Clearwater County to provide the opportunity for the proper management of yard waste. The county has identified composting as the preferred method of management of organic wastes.

*Existing Programs*

- X County owned and operated yard compost site
- X tons of organic material composted annually
- X compost material available to residents
- X development of local market – most compost used by local gardeners

X encourage residents to compost on site

### *Proposed Programs*

The county intends to maintain its current yard waste composting program throughout the planning period.

## *4.6 MSW Incineration and Energy Recovery*

### *General Policy and Goals*

It is the policy of the Clearwater County Board of Commissioners to maintain the most environmentally and financially appropriate means of solid waste management available, applying the concept of the State of Minnesota's Solid Waste Hierarchy.

### *Existing Program*

The county has a regional agreement with the counties of Polk, Beltrami, Norman and Mahnomen for the delivery and disposal of MSW at the WTE facility located in Fosston. Complete information on operations and permit status at the WTE facility is the responsibility of Polk County and can be obtained from Polk County or MPCA.

Waste collected at fourteen canister sites, residential and commercial establishments by two licensed haulers is transported approximately 20 miles to the WTE facility. The amount of waste delivered in 2000 was 3,757 tons. The Goal-Volume table, Appendix A, projects the waste to be delivered thru 2010. At current costs (\$70.00 per ton), MSW processing and disposal at the Fosston Incinerator is the largest single budget expense and accounts for about 51% of the total solid waste budget.

The Clearwater County Board of Commissioners strongly supports continued use of the Fosston WTE facility for management of MSW. It is Clearwater County's belief that there is no better option present in the marketplace for solid waste management. The projected life of the facility is only limited by the availability of landfill space for the small volume of unburned material and ash that the facility discharges, and at this time Clearwater County intends to continue its agreement with Polk County.

### *Proposed Program*

The County intends to continue participating in the regional WTE activity through conclusion of its current contract and has negotiated a new contract, which will continue through 2008. The County Board of Commissioners will be vigilant regarding future regulatory development and cost associated with the operation of this facility so that it can continue using the incinerator through and beyond this planning period. Concerns and activities that affect the program are:

- X costs associated with compliance for existing and future regulations
- X increased operating costs
- X regional meetings to review and assess facility operations and costs.
- X impacts of future legislation

#### 4.7 Land Disposal of MSW

##### *General Policy and Goals*

It is the policy of the Clearwater County Board of Commissioners to minimize land disposal as a final outcome for MSW , and maximize WTE and recycling as primary goals.

##### *Existing Program*

- X bypass waste from Clearwater County to the Polk County Landfill by contract with Polk County thru 2008
- X ash waste from the WTE to the Polk County Landfill
- X monitoring of old landfills within Clearwater County

##### *Proposed Program*

The County intends to continue with the existing program throughout the planning period.

#### 4.8 Waste Tire Management

##### *General Policy and Goals*

It is the policy of the Clearwater County Board of Commissioners to comply with Minnesota Statute 115.914, Subp. 3 dealing with waste tire management. It is the goal of the county to ensure that all waste tires are properly disposed and that all residents have an opportunity for disposal.

##### *Existing Program*

- X tire drop-off site operated by county at transfer station
- X fixed rate for disposal
- X transport and disposal negotiated by county with private contractors
- X tires are chipped and recycled into new rubber products and used in road building projects or used as fuel
- X retailers provide for disposal of waste tires through private network
- X no known large stockpiles of tires

*Proposed Program*

The County intends to continue with the existing program throughout the planning period.

*4.9 Major Appliances*

*General Policy and Goals*

It is the policy of the Clearwater County Board of Commissioners to encourage and provide the opportunity for the management and disposal of major appliances to citizens.

*Existing Program*

- X drop-off service provided by county at transfer station
- X fixed price for drop-off service
- X transportation and disposal provided by licensed/permitted vendor
- X education program consistent with Section 4.3

*Proposed Program*

The County intends to continue with the existing program throughout the planning period.

*4.10 Used Oil & Oil Filter Program*

*General Policy and Goals*

It is the policy of the Clearwater County Board of Commissioners to ensure citizens are informed of used oil and oil filter disposal locations and provide information directed at the proper management of the same.

*Existing Program*

- X collection and disposal of used oil and oil filters provided by private sector
- X education program consistent with Section 4.3

*Proposed Program*

The County intends to continue with the existing program throughout the planning period.

*4.11 Waste Battery Management*

*General Policy and Goals*

It is the policy of the Clearwater County Board of Commissioners to advise all residents that

it is illegal to dispose of lead acid batteries, rechargeable batteries and button batteries in any manner not consistent with state statute and county ordinance. It is the goal of the county to provide an opportunity for residents and businesses to recycle batteries.

*Existing Program*

- X lead acid batteries are recycled by dealers and service stations
- X conventional dry-cell batteries are managed with MSW
- X mercury containing batteries may be managed through the HHW program, or:
- X 2 pharmacies provide a collection point for button batteries

*Proposed Program*

The county intends to continue its current waste battery program with no anticipated changes throughout the planning period.

*4.12 Household Hazardous Waste*

*General Policy and Goals*

Removal of HHW is very important since all MSW goes to a waste to energy facility, with stringent air quality rules. It is the policy of the Clearwater County Board of Commissioners to continue to educate residents on the proper disposal of household hazardous waste. It is the goal of the county to provide all residents a disposal opportunity.

*Existing Program*

Clearwater County is a member of the Northwestern Minnesota Household Hazardous Waste Management Group (NWMNHHW). Other members of this joint powers group include: Beltrami, Cass, Kittson, Lake of the Woods, Marshall, Pennington, Polk, Red Lake, and Roseau Counties. The regional facility is located in Bagley and is available for drop-off during business hours. This facility also accepts fluorescent light bulbs during business hours.

*Proposed Program*

The County intends to continue this program throughout the planning period.

*4.13 Demolition Debris Disposal*

*General Policy and Goals*

It is the policy of the Clearwater County Board of Commissioners to inform all residents that

it is illegal to dispose of demolition debris in a manner not consistent with state rules and the County Solid Waste Management Ordinance. It is the goal of the county to provide residents the use of the county owned and operated demolition landfill facility for proper disposal of demolition debris.

*Existing Program*

- One demolition debris disposal facility
- X permitted by MPCA (SW 168)
- X operated by private contractor
- X inspected by MPCA
- X facility is open three days per week
- X drop-off site at demo facility for white goods, MSW bypass, tires and other material prohibited from disposal in a demo fill or at rural canister collection sites

*Proposed Program*

The County intends to maintain this program throughout the planning period provided that MPCA rule changes currently in development do not make it financially impossible to do so.

*4.14 Solid Waste Ordinance*

*Existing Program*

The solid waste ordinance was amended in 1996. This ordinance provides terms for the proper management and disposal of all solid waste within the County. The County has not had any problems with implementation or enforcement of the current ordinance. A copy of the ordinance may be found in Appendix F.

*Proposed Program*

The county does not anticipate any amendments to the ordinance during the planning period.

*4.15 Solid Waste Staff*

*Existing Program*

Existing staff includes: 1 full-time solid waste administrator, 1 full-time technician (primary work is zoning) and 1 full time clerical staff person, 1 full-time seasonal litter control worker.

|                                    |     |     |
|------------------------------------|-----|-----|
| Solid Waste Administrator          | .5  | FTE |
| Seasonal Litter Control Specialist | .25 | FTE |

|            |     |     |
|------------|-----|-----|
| Technician | .25 | FTE |
| Clerical   | .25 | FTE |

*Proposed Program*

There are no anticipated changes to staffing during the planning period.

*4.16 System Funding and Budget*

*Existing Program*

Funding amounts and sources are presented in the county 10 year budget located in Appendix B. The Board of Commissioners intends to support the county=s integrated waste management system through the solid waste assessment fee, MPCA, HHW funding and SCORE.

*Proposed Program*

The County proposes to continue the existing program throughout the planning period.

*4.17 Goal Volume Table*

The Goal Volume Table is located in Appendix A.

*4.18 Risk Mitigation*

It is anticipated that the EPA will introduce air quality rules impacting the WTE Facility located in Fosston. These rule changes will be examined and necessary steps taken through the regional cooperation of the participating counties to ensure air quality concerns are eliminated.

The Minnesota Pollution Control Agency is developing new rules for demolition debris disposal facilities. The County will examine the rules to determine compliance needs and begin efforts to ensure environmental risk is minimized or eliminated.

*4.19 Public Participation*

This update was developed with input from the County Board of Commissioners and was presented to the Board in its final form for comment. The public and other interested parties have the opportunity to comment on this plan update during County Board meetings. Comments and concerns are documented in the Board minutes.

The plan update and accompanying documentation will be located at the Detroit Lakes MPCA office and in the Clearwater County Solid Waste and Zoning Office located in Bagley. The document will be placed on public notice and all interested parties notified. The public

is invited to comment on the plan update.

The County Board will continue to meet during the year to review the plan update and progress made concerning implementation.

#### *4.20 Review and Update*

##### *Plan Review and 10 Year Update*

The plan update process will begin no later than eighteen months prior to the due date of the update. A final draft of the plan update will be submitted six months prior to the expiration of this update. The development process will include meeting with the appropriate governmental agency staff to discuss issues, time-lines and division of responsibilities. The Solid Waste Administrator will inform the County Board of Commissioners and interested parties that the plan is updated and invite their participation into the process. The participation of interested persons and the County Board will be encouraged. Accommodations will be made if there is an interest in developing a formal process for participation during the development of the update. The County will continue to evaluate the solid waste management programs on an annual basis and this will coincide with the annual budget review. The solid waste administrator will consult this plan update during the development of annual workplan and budget development to ensure implementation as approved by the appropriate agency.