

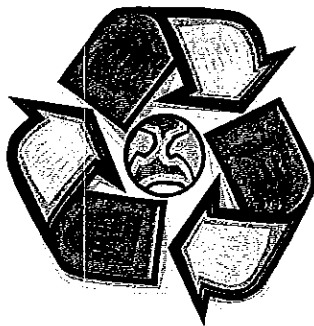
ENVIRONMENTAL SERVICES

ADVISORY COMMITTEE

INFORMATION PACKET

FOR

March 15, 2007



# ENVIRONMENTAL SERVICES REPORT

March 15, 2007

## Solid Waste, Recycling

- Recycling Agreement
- 2007 hauler licenses
  - BFI/Allied Waste
- Waste Management reorganization
- Model Solid Waste Ordinance Workshop
- SCORE report
- Solid Waste Management Plan extension
- Spring Appliance Collection

## Ponderosa Landfill

- Compactor upgrade
- Annual Report
- Gas monitor purchase
- Independent landfill inspection
- MPCA Public Meeting on the Ponderosa
  - Corrective Action Evaluation
  - Ten people attended
  - Monitor some residential
- Planning Meeting with Teal/Foth and Van Dyke
  - Future cell construction
  - Surface water planning
- Guidance for Leachate Recirculation at MSW Landfills
  - Grant request for feasibility studies for landfill gas usage

## Hazardous Waste

- Season ready to open April 3<sup>rd</sup>
- Safety training
- Standard Operating Procedures (SOPs) meetings
- Truck, skid steer and trailer purchases
- Bulking Building construction
- Disposal of old medications

## Miscellaneous

- Air, Water and Waste Conference
- Nuisance complaints
- Legislation
- NAZCA contract
- Electronic Permitting software
- Staffing Changes for the Department

## Information Articles

- Lake Crystal Tribune "Ponderosa Landfill Public Hearing Set"
- Free Press "Risk from Landfill Downplayed"
- Free Press "County May Soon Sell Electronic Maps"
- St. Paul Pioneer Press "It Should be Recycled. It Ends Up on the Roadside"
- Free Press "Recycling Request"
- Free Press "Electronic Recycling Bill Should Be Passed"

New Ulm Journal "Electronic Recycling Needed, but State Law is not Working"  
Free Press "Computer Firms Boost Recycling"  
Waste News "Groups Vow to Recycle 100% of E-Waste"  
Star Tribune "Electronic Items Are a Big No-No for Trash"  
Free Press "Recycled Cell Phones Drive Third World Wireless Boom"  
Time Magazine "Flat Battery: It Works On Paper"  
Star Tribune "Recycling Plastics Has To Be Done By the Numbers"  
Star Tribune "Brits Cry 'Bin Brother' Over Sensors in Trash Cans"  
Star Tribune "Trash Old Medications with Cat Litter or Coffee Grounds, Government Says"  
Star Tribune "Time to Transfer Pesticide Regulation"  
St. Paul Pioneer Press "Gifts In - And Garbage Out"  
Star Tribune "St. Paul is Talking Trash: Illegal Dumping is a Gigantic Problem"  
Waste News "Trash Flow's Fate"  
Free Press "Testing Done for Possible Manure Runoff"  
Star Tribune "Concerns Deepen over 3M Chemicals in Groundwater"  
Star Tribune "Should You Drink It?"  
Star Tribune "The Greenhouse Effect"  
Pierre Capital Journal "Polluting Particles in Air Hurt Women's Heart"  
Star Tribune "Clean Water Legacy Act Needs a Revenue Stream"  
Star Tribune "EPA Takes a Pass on Pesticides in Water"  
Star Tribune "Go Green: Here Are Ten Simple Steps You Can Take"

March 11, 2007

To: Blue Earth County Environmental Advisory Committee

From: Mankato Paddling & Outings Club

Re: Spring Clean-up proposal and funding request

Our club has conducted a spring river clean-up in the local area every year since 1994, and appreciate the support we have received in this work from Blue Earth County. Again this spring we are planning a clean-up event and want to request that the County cover the costs of disposing of what we find. The areas to be cleaned are the LeSueur River from Road 16 to the mouth and the Blue Earth River from the dam to Sibley Park, including all the landings and bridges along the way.

Last year we worked parts of two days, 15 people put in approximately 60 hours, and we removed half a ton (1,000 pounds) of litter from the rivers and their banks. The amount collected was substantially more than in 2005 (350 pounds) and 2004 (500 pounds). The reason is clear: we used ground crews around the bridges and landings and they were able to find a great deal of material.

We have tentatively scheduled the clean-up for May 4-5, Friday and Saturday, and it will not be before then. If the water level were unfavorable it might be set back. We will haul the waste collected to Minnesota Waste Disposal, and are requesting that Blue Earth County pay the cost of disposing of the material. The cost should be less than \$500.

Thank you for your consideration.

Brand Frentz, Dean Peterson

## GETTING STARTED

A great deal of planning is needed for a cleanup project. These tips will help you get ready

**Q: How will Blue Earth County Environmental Services help with these projects?**

**A:** Blue Earth County Environmental Services cannot help plan these events, but may provide some funding if certain guidelines are followed. See inside for how to access these limited funds.

**Q: What arrangements do we need to make?**

**A:** You need to plan for what to do with debris collected. Often times, in addition to garbage and trash, there are special materials that need to be handled separately. These things may include electronics, appliances and tires, which require special disposal. Recycling metals and other materials can significantly decrease disposal costs for waste, and is required if County funds are used..

**Q: What requirements are there if we seek County funds?**

**A:** Your planning should be started at least two months before your event is scheduled. This brochure will walk you through the steps.

## Checklist

- ◇ Identify a main contact person to work with Environmental Services
- ◇ Identify area to be cleaned, and determine if it is eligible for County funding
- ◇ Conduct preliminary inspection of clean up area to estimate amount and types of debris to be collected
- ◇ Call Environmental Services by the first day of the month you wish to appear before the Advisory Committee to request funding
- ◇ Determine the amount of money needed to dispose of all materials
- ◇ Determine number of dumpsters needed, and arrange for delivery (be sure to get approval of property owner before dumpsters are delivered)
- ◇ Contract with a garbage hauler for removal of garbage collected (be sure to specify that garbage is to be taken to MWPC if County funding is to be used)
- ◇ Arrange for special containers for scrap metal, tires, appliances, batteries, etc. if needed

*Blue Earth County  
Environmental Services  
Planning Guide*

## CLEANUP PROJECTS

Blue Earth County  
Environmental Services  
Planning Guide

Check inside for.....

- ✓ Planning Checklist
- ✓ Who is Eligible for County Funds
- ✓ What These Funds May Be Used For
- ✓ What is Expected of You
- ✓ Other Useful Tips

507-304-4381



Because only a limited amount of funds are available each year, it's important that your planning process is as complete as possible, including ways to be financially responsible, before you send a representative to address the Environmental Services Advisory Committee (required). Here are the guidelines you need to consider:

### What Projects are Eligible for Funding?

Volunteer groups working on cleanup projects within Blue Earth County may apply for funding. If the project extends into other counties, you must also secure a separate source of funding for that portion of the project.

Cleanup projects taking place on public lands such as a right-of-way and ditch. Funding is not provided for private cleanups.

### How Much Money are We Eligible For?

There is a limited amount of money available for cleanups. Money is distributed on a first come, first served basis. Groups must ask for a specific dollar amount. If approved by the Advisory Committee, up to this amount will be paid directly to vendors. Your group is responsible to provide receipts/ invoices within two months of your event in order to be paid.

### How May We Use the Funds?

Blue Earth County can ONLY fund disposal of debris collected when certain conditions are met. This may also include funding for dumpster rental. Incidentals such as food, t-shirts, promotions or other costs cannot be included.

### What Conditions Must Be Met?

The Blue Earth County Solid Waste Management plan must be followed. This means:

All garbage collected must be disposed of through the Minnesota Waste Processing Company (MWPC) transfer station, rather than taken to a landfill.

Special wastes such as tires, car batteries, electronics and appliances must be separated. Companies that are legally able to process these materials for disposal must be included in the plan presented to the Advisory Committee. Lists of these companies are available from Environmental Services.

Recyclable materials must be recycled. This includes, but is not limited to: all metal collected; glass containers, and certain plastics. The Blue Earth County Recycling Center will take many recyclables free of charge. For heavy metal objects, scrap yards will take them, and may even pay you, depending on the weight of the materials you collect.



Blue Earth County Environmental Services

### What Do We Do With Hazardous Materials We Find?

**LEAVE IT WHERE YOU FIND IT!!**  
Training must be provided to all volunteers concerning hazardous wastes they may encounter. Usually, this involves identifying the materials, noting their location, and notifying either Blue Earth County Environmental Services, the Minnesota Pollution Control Agency, or the City in which they are found. Hazardous materials you may find include: paints; oils; farm chemicals; industrial chemicals, and others.

### How Do We Access the Environmental Services Advisory Committee?

When you have your plan in place, contact Environmental Services by the first of the month you wish to appear. This should be at least a month before your event, in case questions arise. The Advisory Committee does not meet every month, so plan ahead! A summary report will also be required after the event.

### What Planning Information is Available from Environmental Services?

- ✓ A list of licensed haulers in Blue Earth County
- ✓ Information about the Blue Earth County Recycling Center
- ✓ A list of special materials handlers

## Household Hazardous Waste Facility Yearly Totals

Year	Participation	
	Cars	Housholds
2006	2,207	2,480
2005	2,159	2,426
2004	2,630	2,955
2003	2,641	2,968
2002	2,555	2,871
2001	2,245	2,522
2000	2,241	2,518
1999	2,224	2,499
1998	2,203	2,466
1997	2,180	2,449
1996	2,220	2,472
1995	1,876	2,111
1994	1,748	1,951

Fluorescent Bulbs (various sizes and shapes)	
Year	Bulbs
2006	5,508
2005	5,938
2004	6,195
2003	5,066
2002	4,276
2001	5,701
2000	5,650
1999	5,784
1998	5,086
1997	4,560
1996	4,711
1995	5,540
1994	3,290

year	Product Reuse	
	pounds	tons
2006	39,943	19.97
2005	36,604	18.30
2004	43,943	21.97
2003	39,605	19.80
2002	38,668	19.33
2001	34,486	17.24
2000	33,526	16.76
1999	32,446	16.22
1998	34,422	17.21
1997	29,816	14.91
1996	31,364	15.68
1995	29,115	14.56
1994	27,186	13.59

Latex Paint (recycled into paint products)			
year	drums	pounds	tons
2006	96	62,592	31.30
2005	112	73,024	36.51
2004	117	76,284	38.14
2003	103	67,156	33.58
2002	97	63,244	31.62
2001	112	73,024	36.51
2000	109	71,068	35.53
1999	101	65,852	32.93
1998	104	67,808	33.90
1997	92	59,984	29.99
1996	82	53,464	26.73
1995	70	45,640	22.82
1994	83	54,116	27.06

Metal Recycled (mainly paint cans)		
year	pounds	tons
2006	26,040	13.02
2005	28,080	14.04
2004	31,060	15.53
2003	27,440	13.72
2002	24,880	12.44
2001	29,850	14.93
2000	31,260	15.63
1999	33,680	16.84
1998	31,060	15.53
1997	23,760	11.88
1996	33,300	16.65
1995	26,040	13.02
1994	19,860	9.93

Oil Base Paint (incinerated for energy source)			
year	drums	pounds	tons
2006	68	42,092	21.05
2005	74	45,806	22.90
2004	74	45,806	22.90
2003	68	42,092	21.05
2002	60	37,140	18.57
2001	75	46,425	23.21
2000	79	48,901	24.45
1999	82	50,758	25.38
1998	94	58,186	29.09
1997	72	44,568	22.28
1996	83	51,377	25.69
1995	59	36,521	18.26
1994	82	50,758	25.38

Cardboard Recycled (cardboard boxes)		
year	pounds	tons
2006	2,000	1.00
2005	2,280	1.14
2004	2,715	1.36
2003	2,380	1.19
2002	2,180	1.09
2001	2,460	1.23
2000	2,560	1.28
1999	2,905	1.45
1998	3,426	1.71
1997	1,920	0.96
1996	2,530	1.27

Fuels (incinerated for energy source)			
year	drums	pounds	tons
2006	15	6,750	3.38
2005	14	6,300	3.15
2004	14	6,300	3.15
2003	15	6,750	3.38
2002	19	8,550	4.28
2001	15	6,750	3.38
2000	16	7,200	3.60
1999	16	7,200	3.60
1998	22	9,900	4.95
1997	17	7,650	3.83
1996	19	8,550	4.28
1995	19	8,550	4.28
1994	15	6,750	3.38

**Lead Acid Batteries (recycled)**

year	pounds	tons
2006	7,319	3.66
2005	5,810	2.91
2004	6,717	3.36
2003	8,020	4.01
2002	7,110	3.56
2001	5,901	2.95
2000	6,615	3.31
1999	2,954	1.48
1998	5,620	2.81
1997	2,206	1.10
1996	2,580	1.29
1995	1,500	0.75

**Small Paint Cans (incinerated for energy source)**

year	pounds	tons
2006		0.00
2005		0.00
2004		0.00
2003	2,836	1.42
2002	2,871	1.44
2001	3,534	1.77

**Roof Tars (incinerated for destruction)**

year	pounds	tons
2006		0.00
2005		0.00
2004		0.00
2003	1,350	0.68
2002	2,738	1.37

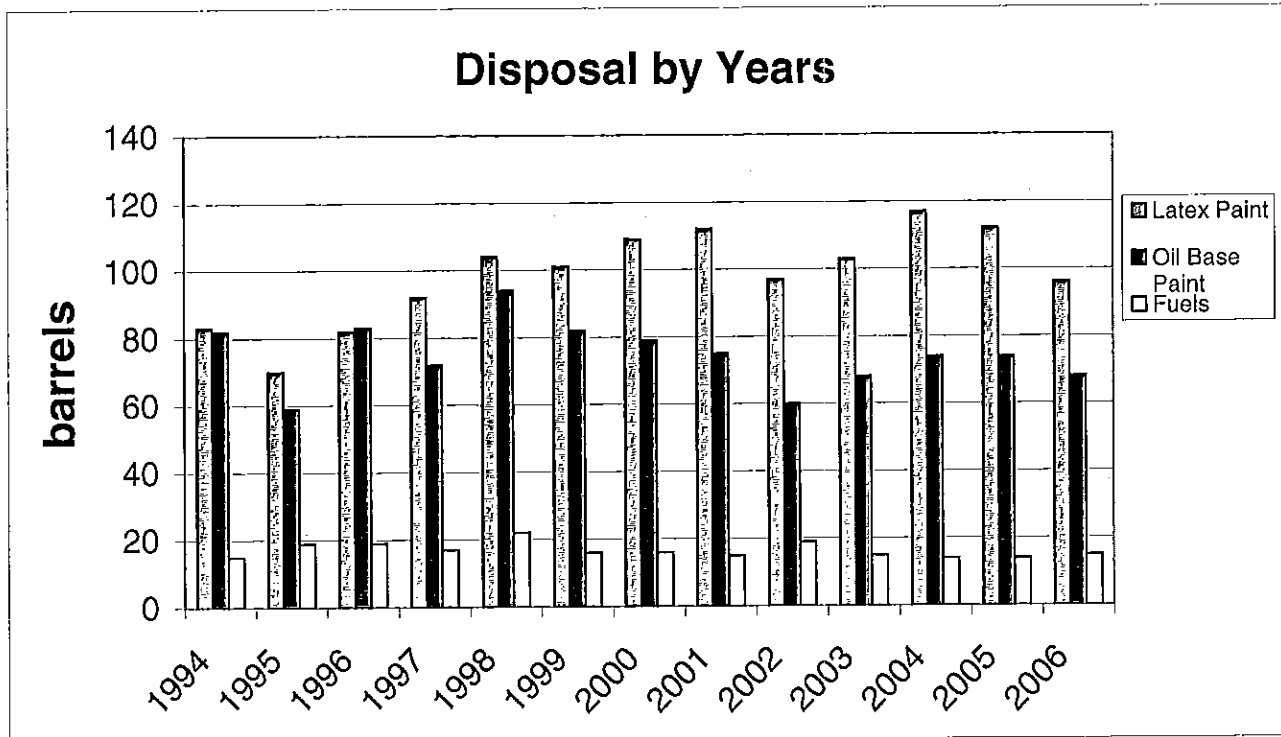
**Lab Pack Materials (incinerated for destruction)**

year	pounds	tons
2006	2,590	1.30
2005	1,323	0.66
2004	1,439	0.72
2003	2,031	1.02
2002	1,787	0.89
2001	2,355	1.18
2000	2,467	1.23
1999	4,300	2.15
1998	5,340	2.67
1997	8,351	4.18
1996	6,679	3.34
1995	3,750	1.88

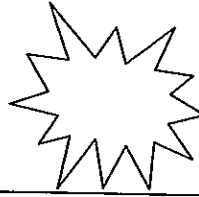
**MDA Waste Pesticides (incinerated for destruction)**

year	pounds	tons
2006	5,480	2.74 *
2005	6,563	3.28 *
2004	3,415	1.71 *
2003	3,871	1.94 *
2002	2,580	1.29 *
2001	3,827	1.91
2000	6,499	3.25
1999	3,912	1.96
1998	3,350	1.68

\*MDA paid no disposal for any pesticides in 2002 and 2004, this was treated as a lab pack and paid for by us. In 2003 MDA paid for 1,778 lbs of the 3,871 lbs. 2005 and 2006 was paid for by MDA up to a set amount which covered costs.



**EARTH DAY!**



**Join the FUN!**  
**Saturday, April 21**  
**10:30 a.m. – Noon**  
**Blue Earth County**  
**Library, Mankato**

**Make Crafts**



Sand Tube Necklace\*  
Bug Bands\*Pinwheels\*  
Paper Hats

**Face Painting**



**Meet Smokey the Bear**

**Play Environmental Games**

**Decorate Canvas Bags**



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