

ROSEAU COUNTY SOLID WASTE TRANSFER STATION SW-518

ANNUAL REPORT - 2004

I. FACILITY INFORMATION

The Roseau County Solid Waste Transfer Station is owned and operated by Roseau County under the jurisdiction of MPCA Permit SW-518. The facility is located approximately 10 miles east of the City of Roseau and 2 miles southeast of Salol. The station is sited adjacent to the existing closed sanitary landfill, on land contained in the original landfill permit (SW-137); however, in 1997, the County received its Notice of Compliance for the landfill portion of the site. As a result, the transfer station is now located on a four (4) acre parcel owned by the County while the remaining lands are owned by the State of Minnesota. A site location map is presented as Figure 1; Figure 2 has been provided to illustrate the placement of the transfer station in relation to the closed landfill and surrounding area; and, Figure 3 consists of a site specific topographic map of the facility. An eight (8) foot high steel fence was constructed around the perimeter of the entire 4 acre parcel in 1998.

The transfer station consists of a 75' x 120' office/shop, 24' x 60' scale house, white goods, tire and scrap metal storage areas, and an outdoor waste transfer area. The station consists of eight (8) twenty-two (22) foot and seven (7) twenty-four (24) foot open top roll-off containers situated on a bi-level concrete pad. The containers are serviced by the County utilizing two (2) heavy duty trucks, hooklift systems, and pup trailers. Two (2) containers can be hauled by each truck/trailer combination; therefore, the facility's waste handling capacity is approximately seventy (70) tons per day.

The County also owns two (2) front-end loaders and a knuckle-boom loader to efficiently handle the waste received at the facility.

The site became operational on May 9, 1994, following gate closure of the Salol Landfill. The facility operated as a permit-by-rule site until an official MPCA permit was issued on September 16, 1996. The facility permit (SW-518) was combined with the Roseau County Demolition Landfill facility permit (SW-540) in 2004. The new permit (SW-518) is included as Attachment A. The transfer station is designed to service all of Roseau County's waste.

II. QUANTITY OF WASTE RECEIVED

In CY 2004, Roseau County received a total of 9,077.76 tons and 1,120.00 cubic yards of waste for transport at the facility. Of the total tonnage received, 8,056.29 tons (89%) was MSW; while 1,021.47 tons(11%) of industrial-type waste was delivered to the transfer station. The facility did not receive any out-of-County waste and serviced only a portion of Roseau County, as an industrial hauler and one residential hauler transported their waste directly to the Mar-Kit Sanitary Landfill.

The entire 9,077.76 tons and 1,120.00 cubic yards of waste handled at the facility was hauled to the Mar-Kit Landfill by Roseau County. In addition, 836.28 tons of MSW and 775.10 tons of industrial-type waste generated in Roseau County was hauled directly to Mar-Kit, by-passing the County facility. Of this total (10,794.03 tons), 6,784.66 tons of waste was processed at the Mar-Kit facility, approximately 63% of the total.

In addition to the waste received for transport, 11,947 cubic yards of demolition-debris type wastes was received in CY 2004. The waste was routed through the transfer station and ultimately deposited in the demolition-debris landfill located just west of the transfer station, (Figure 2).

The County also received 1,225 appliances and 1,041 tires in CY 2004. These materials are temporarily stored on-site and are scheduled for removal in the spring of 2005, (see Figure 3 for storage locations and Attachment A for storage requirements).

III. UNIT PRICE CHARGED AT FACILITY GATE

See Section III of the MPCA Report Form for this information, (Page 2).

In addition to the prices specified in Section III of the Report Form, special rates were charged to self-haulers of MSW and problem materials, as follows:

<u>Category</u>	<u>Tip Fee</u>	<u>SWM Tax</u>	<u>Total</u>
Pickup Loads (MSW)	\$ 11.00	\$ 1.87	\$ 12.87
Automobiles (MSW)	\$ 5.00	\$ 0.85	\$ 5.85
< 20" Tires	\$ 3.00	\$ 0.00	\$ 3.00
> 20" Tires	\$ 5.00	\$ 0.00	\$ 5.00
Tractor Tires	\$ 10.00	\$ 0.00	\$ 10.00
White Goods	\$ 5.00	\$ 0.00	\$ 5.00

IV. LEACHATE MANAGEMENT

This section is non-applicable, per Permit SW-518.

V. FACILITY PERSONNEL TRAINING PROGRAM

See Section VI, item A, for an evaluation of the facility training program and the MPCA chart on Page 3 of this report for a summary of past and future MPCA training events.

VI. EVALUATION REPORTS

A. Evaluation of In-House Personnel Training Program, (Minn. Rules 7035.2545).

See Section V of this report for the facility operator(s) and inspector's training and certification status.

Note: The County plans to maintain MPCA landfill operator certification status for the facility employees, unless a specific training opportunity is offered for transfer station personnel.

In addition to MPCA training and certification, each operator and inspector of the Roseau County Transfer Station has been educated as to the daily operation and maintenance of the facility; the procedures outlined in the Roseau County Contingency Action Plan; Facility Emergency Procedures Manual; the implementation strategies associated with the Industrial Solid Waste Management Plan; the requirements of the Roseau County Safety and Procedures Manual; OSHA AWAIR and Right-to-Know Programs; as well as other safety training, such as "Hazards in the Workplace" and "Competent Person Training".

B. Inspection Schedule - Summary of Emergency or Corrective Actions Implemented, (Minn. Rules 7035.2585).

The Roseau County Transfer Station inspections are as follows:

- 1) Roseau County Solid Waste Administrator : Inspection of the facility according to the Roseau County Solid Waste Ordinance, Section II, subp. 8. (MPCA Certified Landfill Inspector)
- 2) Transfer Station Operator : Daily inspections of equipment and the general operating environment at the site.
- 3) Minnesota Pollution Control Agency : Random inspection schedule concerning operations and maintenance of the facility.

The facility was inspected on at least a quarterly basis by County staff. The inspections are recorded on MPCA "Inspection Report" forms; the 2004 results are on file at the Roseau County Environmental Office. Copies of each inspection report and inspection summary will be kept on file at the Roseau County Transfer Station and Environmental Office for five (5) years.

In CY 2004, there were no emergency situations encountered at the facility; therefore, no corrective action measures were implemented.

All procedures necessary to remedy any deterioration or malfunction of equipment will be reported to the Commissioner of the MPCA. All emergency responses will be handled as outlined in the Roseau County Contingency Action Plan and/or Emergency Procedures/Safety Manual.

C. Other Information Required.

This Section is non-applicable.

D. Amendments to Closure, Post-Closure, and Contingency Plans, (Minn. Rules 7035.2585, item G).

The applicable plans were included with the facility Permit Application document which were originally submitted in August, 1996. Upon receipt of Permit SW-518, the plans were deemed approved. The facility is operated according to the permit requirements; therefore, there have been no changes to the plans since their original submittal. The County successfully re-permitted the facility in 2004.

E. Updated Financial Assurance Cost Estimates, (Minn. Rules 7035.2685, subd. 2).

The establishment of a financial assurance mechanism was not included as a condition for receiving an MPCA Permit for this facility; therefore, this section is non-applicable.

F. Evaluation of the Industrial Solid Waste Management Plan.

Roseau County submitted a revised Plan as a part of the original Permit Application process; upon receipt of Permit SW-518, the plan was deemed approved. There have been no changes to the plan since the original submittal; however, the plan will be revised as needed to coincide with the Mar-Kit Sanitary Landfill Industrial Solid Waste Management Plan. A revised plan was submitted with the re-permitting document in 2004.

Note: the text of the plan has not been included in this submittal as the most recent plan revision is currently on file with the MPCA.