

Shamrock Landfill Tour

Carlton County Solid Waste and Recycling Advisory (SWARA) Committee toured the Shamrock Landfill in July. Shamrock Landfill is an industrial waste and construction/demolition landfill in Cloquet. It is a relatively new landfill which began operation in 2011. The landfill receives industrial waste from industries in Northern Minnesota and Western Wisconsin. Some typical wastes include ash from utilities companies, residual materials from paper recycling, and road construction waste. The landfill is lined with 60 millimeter HDPE and 2 feet of clay, which exceeds state design standards. Any water which percolates through the landfill is called leachate. Shamrock Landfill's leachate is collected through a series of perforated pipes located above the liner and then treated at the Western Lake Superior Sanitary District along with the rest of the City of Cloquet's waste water. The leachate is tested quarterly along with 7 groundwater monitoring wells. There is an abandoned landfill located on the property which is being dismantled and the waste is being moved into the new lined landfill. The old landfill contains mostly dirt fill and old road construction debris. The groundwater monitoring wells have found no contamination from the old landfill. The waste brought to the landfill is dumped into cells and compacted. When a cell becomes full, it is sealed off. Shamrock Landfill contains a total of 9 cells of which 2 are actively receiving waste. The facility was designed for an estimated life expectancy of 40 years. For more information on the Shamrock Landfill, visit their website at www.shamrocklandfill.com

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The SWARA Committee toured the Shamrock Landfill in Cloquet this summer. From left to right: Jack Ezell, Merrill Loy, Randy Crestik, Julie Salmon, Karola Dalen, Del Provost, Elaine Lindell, and Shamrock Landfill manager Maynard Delles.





Shamrock Landfill's 60 millimeter HDPE liner.



Delles describes the leachate collection system.



Carlton County Chapter #18

Donation Boxes at all Carlton County Staffed Recycling Sheds

Accepted:

- Clothes
- Shoes
- Toys
- Household textiles (tablecloths, towels, bedding, blankets, bedspreads, etc.)
- All items must be clean and dry
- All items must be in a sturdy plastic bag

- Barnum** (Behind Fire Hall)
- Carlton** (County Highway 1)
- Esko/Thompson** (Next to Town Hall)
- Moose Lake** (Next to Arena)
- Perch Lake** (Next to Town Hall)
- Carlton County Solid Waste Transfer Station**
(1950 Hwy 210, Carlton, MN)

Carlton County
Zoning & Environmental Services

(218) 384-9176 or 800-862-3760 (ext. 176) carltoncounty.com

Carlton County Soil & Water Conservation District Conservation Educators of the Year

Cloquet Middle School teachers Ann Gustafson and Matt Winbigler were awarded Conservation Educators of the Year for establishing and maintaining a recycling and food waste collection program at the school. They have worked very hard to educate staff and administration on the need and necessity of an improved recycling program. The program involves the students who help to collect and distribute recyclable materials. Recycling conserves energy and conserves natural resources for future generations. Thanks Ann and Matt for being excellent role models for your students and your community.



**Carlton County
Household Hazardous
Waste Facility**

**and
Product Reuse Area**

**Tuesdays & Saturdays
8:30 a.m. to 3:00 p.m.**

**Carlton County Transfer Station
1950 Highway 210, Carlton, MN**

**Last day Saturday,
October 11!**

Open again in May 2015.

**WLS&D operates a Household
Hazardous Waste Facility and
Product Reuse Center year round.
They are located at 2626 Courtland
Street in Duluth (off the 27th Ave
West Exit). Thursdays, Fridays, and
Saturdays from 9 a.m. to 5 p.m.
218-722-3336**

**Common items you should
bring to the HHW facility:**

Latex paint
Oil paint
Stain and varnish
Pesticides (herbicides, fungicides,
insecticides)
Gasoline and other fuels
Solvents
Mercury thermometers
Mercury thermostats
Pool chemicals
Fluorescent light bulbs
Rechargeable batteries

Winter Recycle Shed Hours

**Carlton County Transfer Station (1950 Hwy 210)
November 1st – March 31st**

**Monday - Friday 8:30 a.m. - 4:00 p.m.
Saturday 8:30 a.m. - 1:00 p.m.**

Barnum (behind fire hall)

Year-Round Hours

**Monday: 12:00 p.m. - 4:00 p.m.
Wednesday: 3:00 p.m. - 6:00 p.m.
Friday: 12:00 p.m. - 4:00 p.m.
Saturday: 10:00 a.m. - 3:00 p.m.**

Carlton (County Highway 1)

November 1st – March 31st

**Thursday: 2:00 p.m. - 6:00 p.m.
Friday: 2:00 p.m. - 6:00 p.m.
Saturday: 9:00 a.m. - 1:00 p.m.**

Thomson / Esko (next to town hall)

November 1st – March 31st

**Monday: 3:00 p.m. - 5:00 p.m.
Tuesday: 3:00 p.m. - 5:00 p.m.
Thursday: 3:00 p.m. - 5:00 p.m.
Saturday: 9:00 a.m. - 1:00 p.m.**

Moose Lake (next to arena)

Year-Round Hours

**Thursday: 3:00 p.m. - 6:30 p.m.
Friday: 3:00 p.m. - 6:30 p.m.
Saturday: 9:00 a.m. - 2:00 p.m.**

Perch Lake (next to town hall)

Year-Round Hours

**Monday: 1:00 p.m. - 5:00 p.m.
Wednesday: 9:00 a.m. - 1:00 p.m.
Thursday: 1:00 p.m. - 5:00 p.m.
Saturday: 9:00 a.m. - 12:00 p.m.**

What can you bring?

**STAFFED SHEDS (BARNUM, CARLTON, PERCH
LAKE, MOOSE LAKE AND ESKO/THOMSON):**

Glass jars and bottles, plastics #1 thru #7, tin cans, aluminum cans, newspapers, magazines, box board and office paper

UNSTAFFED SHEDS (BLACKHOOF, CROMWELL, HOLYOKE, KETTLE RIVER, MAHTOWA, WRIGHT):

Glass jars and bottles, plastics #1 thru #7, tin cans, aluminum cans and newspapers

TRANSFER STATION:

Glass jars and bottles, plastics #1 thru #7, tin cans, aluminum cans, newspapers, magazines, corrugated cardboard, car batteries, medical sharps and used motor oil and filters