

Rutland County Solid Waste District
Gypsum Dry Wall Recycling
October 8, 2009



don't waste
our
future
RECYCLE

Rutland County Solid Waste District
Gypsum Dry Wall Recycling
October 8, 2009



Rutland County Solid Waste District
Gypsum Dry Wall Recycling
October 8, 2009



04/0



Rutland County Solid Waste District
Gypsum Dry Wall Recycling
October 8, 2009



Rutland County Solid Waste District
Gypsum Dry Wall Recycling
October 8, 2009



Rutland County Solid Waste District
Gypsum Dry Wall Recycling
October 8, 2009



don't
waste
our
future
RECYCLE

Rutland County Solid Waste District
Gypsum Dry Wall Recycling
October 8, 2009



don't
waste
our
future
RECYCLE

Rutland County Solid Waste District
Gypsum Dry Wall Recycling
October 8, 2009



CLEAN SHEETROCK

"Cooperative" Recycling Program

- Spring 2005 -

A large component of "Construction and Demolition" (C&D) Debris is clean sheetrock which can be easily recycled. With a cost most likely lower than disposal, recycling clean sheetrock through the Northeast Resource Recovery Association (Co-op) not only conserves valuable landfill space and saves members' tax dollars, but it also strengthens recycling!

As members market recyclables through the Co-op, they are "investing in their own company" - the more recyclables members market through the Co-op the stronger it can become for ALL! The Co-op is YOUR member-based, member-driven, member-owned organization - by marketing recyclables as a "TEAM", we can strengthen RECYCLING!!! Clean sheetrock recycled through the Co-op is processed at a permitted facility in an environmentally acceptable method where it is used as an additive in composting or to make new sheetrock.

5 EASY STEPS FOR RECYCLING CLEAN SHEETROCK!!!

- 1.** CONTACT the Co-op at 603/736-4401 to sign up for this program and receive current pricing information;
- 2.** CHOOSE how the sheetrock will be stored at the facility (i.e., on the ground in a simple bunker or in a container which is available to rent). Clean sheetrock DOES NOT need to be kept dry or out of the weather, BUT KEEP IN MIND, the fee for this material is based on a per ton charge and wet, clean sheetrock will weigh much more than dry sheetrock;
- 3.** ARRANGE for transportation - Need assistance in arranging trucking? Contact the Co-op;
- 4.** DECIDE if residents will be charged a fee for disposing of sheetrock at the facility - Listing of fees charged by NH communities is available by contacting the Co-op, and;
- 5.** CONTACT the Co-op to coordinate delivery or pick up of the sheetrock to the Recycling Facility.

- PROGRAM DETAILS -

- Clean sheetrock only! Any painted, primed or otherwise decorated wallboard, such as vinyl, foil, wallpapered, etc., must be treated as "C&D" Debris (refer to the Co-op's "C&D" Debris recycling program).
- Material Exchange Program - For every ton of sheetrock recycled, the participating community will be given a ton of AGGRAPHALT™ a "Crushed & Recycled" (C&R) Aggregate for FREE. AGGRAPHALT™ can be used in roadway and parking lot construction, bridge approach ramps, embankments, shoulder, sub-base and base. Please see reverse side for complete AGGRAPHALT™ description, usage and application.

A Recycling "Cooperative": Working Together to Make Municipal Recycling Strong!!!
Northeast Resource Recovery Association, 2101 Dover Rd, Epsom, NH 03234

Telephone: (603) 736-4401 Fax: (603) 736-4402 E-mail: info@nrna.net Web Site: www.nrra.net



Rutland County Solid Waste District
Gypsum Dry Wall Recycling
October 8, 2009



don't
waste
our
future
RECYCLE



Rutland County Solid Waste District
Gypsum Dry Wall Recycling
October 8, 2009



Rutland County Solid Waste District
Gypsum Dry Wall Recycling
October 8, 2009



Rutland County Solid Waste District
Gypsum Dry Wall Recycling
October 8, 2009



Rutland County Solid Waste District
Gypsum Dry Wall Recycling
October 8, 2009



Standard Specifications

Nominal Size 12' Wide x 20' Long x 8' High Arches Six(6) on 48" Spacing 1 5/8" Frame Members Standard End Door
Size 10' Width X 6ft Height Available Colors Outer Colors: Forest Green, Grey, and Tan
All Interiors: White Only Shipping Weight 289 lbs shipped in Two(2) boxes Shipped via Motor Freight Box Dimensions
Box 1: 58.5" Long x 15.5" Wide x 7" High
Box 2: 66.5" Long x 20.5" Wide x 8.75" High Main Cover UV Protected Fabric Backed Poly Material 10 Oz. Weight Fire
Retardant Standard Main Cover & Doors meet CPAI -84 Section 5 Anchors Six(6) 36" Anchors with U-Bolts & Drive
Rod Std. Stock Number Round Style: 12x20x8(*)RSK

* - Color Prefix: Green, Grey, Tan, etc.

Rutland County Solid Waste District
Gypsum Dry Wall Recycling
October 8, 2009





Georgia Pacific Gypsum, LLC
170 Shattuck Way
Newington, N.H. 03801-2822
Phone: 603-433-8000
Fax: 603-433-8029
(Effective 08/01/2009)

PARTICIPANT'S GUIDELINES FOR GYPSUM RECYCLING PROGRAM

The participants of this program are entitled to return to Georgia Pacific Gypsum, LLC, 170 Shattuck Way, Newington, NH; clean drywall scraps; beginning each Monday at 08:00 a.m. until Wednesday (every other Thursday), at 07:00a.m.. The room is closed every Friday and no recycle material will be accepted on this day of the week. Please note we are open 24 hours per day on Monday, Tuesday, and Wednesday and every other Thursday.

It is recommended that users call first to confirm the recycle room is open for the acceptance of material. Changes in the plant operating schedule directly affect the availability of this service.

The transportation as well as the cost of transportation is the responsibility of the participants. The Loader operator will determine the load size. It is the responsibility of the participant to ensure that the load:

- 1. Is self unloading or, able to be unloaded by the recycle participant.
2. Contains only CLEAN, PAPER FACED GYPSUM WALLBOARD scraps suitable for recycling. No wet board will be accepted. The load must not have any plaster, gypsonite, composite, or fiberglass mat products. The load can not have screws, nails, wood or adhesives. The load must not contain ANY DEMOLITION WASTE. Any painted, primed or otherwise decorated wallboard (vinyl, foil, wallpapered, etc.) will be rejected and participant will be charged for reloading the material into their truck and/or waste disposal.
3. Participant shall not enter the recycle area to unload until all paperwork is completed. The Loader Operator will give the authorization to release the recycle material upon completion of required paperwork and material. Do not start unloading the material until the loader operator authorizes you to do so.
4. Payment is due at time of service by check or money order or through our prepaid punch card program only. We do not do billing services.
5. Discharge will be stopped immediately upon the direction of the attendant who may detect a problem with the material content. A fee for contaminated material is \$100.00 and \$100.00 per hour for sorting the material. This may result in future loads being refused if deemed "a frequent abuser".

Failure to comply with any of these requirements will result in the load being rejected. The participant is responsible for all costs associated with, sorting the material, disposing of the material and any other requirements as a result of any contamination or other mis-use of the services provided.

Failure to comply with any of the above requirements, will result in denied future use of this service.

Participant's Acknowledgement of Program Requirements

Users Name: _____ Company Name: _____
Address: _____ Address: _____
Telephone: _____ Telephone: _____

I understand the requirements of the participation and agree to assist in the program's successful continuation.

Participant's signature: _____

Date: _____

Rutland County Solid Waste District
Gypsum Dry Wall Recycling
October 8, 2009



sheet rock drop dates at transfer station for special programs

compost

date	invoice	tons	origination
8/16/2001	107150	11.58	skyline
10/1/2001	110285	7.74	skyline
11/1/2001	112241	7.73	skyline
2/21/2002	118787	7.88	skyline

totals 34.93

cost per ton \$20

nh grant program Newington, NH US Gypsum

date	invoice	tons	origination	disposal	transport	tolls	cost per ton
8/16/2002		8.88	rctswd	\$ 100.00	\$ 550.00	\$ -	\$ 73.20
12/9/2002	16040	10.19	rctswd	\$ 100.00	\$ 550.00	\$ -	\$ 63.79
4/8/2003	17283	9.34	rctswd	\$ 100.00	\$ 550.00	\$ -	\$ 69.59
7/15/2003		10	rctswd	\$ 100.00	\$ 550.00	\$ -	\$ 65.00
1/27/2004		11.31	rctswd	\$ 100.00	\$ 550.00	\$ -	\$ 57.47
8/9/2004		10.5	rctswd	\$ 100.00	\$ 550.00	\$ -	\$ 61.90
1/28/2005	28856	11.5	rctswd	\$ 100.00	\$ 550.00	\$ -	\$ 56.52
8/8/2005	33580	12.5	rctswd	\$ 100.00	\$ 550.00	\$ -	\$ 52.00
10/15/2005		10	rctswd	\$ 100.00	\$ 550.00	\$ -	\$ 65.00
8/22/2006	42367	10.58	rctswd	\$ 100.00	\$ 550.00	\$ -	\$ 61.44
1/23/2007		10	rctswd	\$ 100.00	\$ 550.00	\$ -	\$ 65.00
6/17/2008	955597	10	rctswd	\$ 100.00	\$ 578.00	\$ -	\$ 67.80
5/20/2009		8.68	rctswd	free	\$ 578.00	\$ -	\$ 66.59
5/20/2009		9.67	rctswd	\$ 100.00	\$ 528.00	\$ -	\$ 64.94
7/27/2009		10	rctswd	\$ 100.00	\$ 578.50	\$ 8.00	\$ 68.65
7/27/2009		10	green mc	\$ 100.00	\$ 550.00		\$ 65.00
10/ /09		10	rctswd	\$ 100.00	\$ 550.00	\$ 8.00	\$ 65.80
10/ /09		10	rctswd	\$ 100.00	\$ 550.00	\$ -	\$ 65.00

total tons 183.15 average cost / ton \$ 64.15

Rutland County Solid Waste District
 Gypsum Dry Wall Recycling
 October 8, 2009

special considerations

price of roll-off: we use a sliding roof 40 yard roll-off, price is \$6000
 if box was stored under cover, could use 40 yard open



sheetrock comparison to C&D grind and MSW disposal

2003

material	average container	average weight	disposal cost	average disposal	transport cost	average transport	surcharge \$16.97/ton	state tax \$6 per ton	average cost/load	average cost/ton
clean sheetrock	40 yards	10 tons	\$100 per box	\$100	\$550 per box	\$550	0	0	\$650	\$ 65.00
msw	100 yards	20 tons	\$49.61 per ton	\$ 992.20	\$19.86 per ton	\$397.20	\$331.40	\$120	\$1,841	\$ 92.04
c&d grind	100 yards	20 tons	\$36 per ton	\$ 720.00	\$470 per box	\$470.00	0	0	\$1,190	\$ 59.50
clean wood	100 yards	16 tons	\$0 per ton	\$0	\$250 per box	\$250	0	0	\$250	\$ 15.63

miles	material	distance round trip
Rutland to Coventry	MSW & C&D grind	240 miles
Rutland to Newington NH	clean sheetrock	340 miles

sheetrock comparison to C&D grind and MSW disposal

2009

material	average container	average weight	disposal cost tip fee at site	average disposal	transport cost	average transport	surcharge \$16.97/ton	state tax \$6 per ton	average cost/load	average cost/ton
clean sheetrock	40 yards	10 tons	\$100 per box	\$100	\$550 per box	\$550	0	0	\$650	\$ 65.00
msw	100 yards	20 tons	\$53.99 per ton	\$1,079.80	\$21.56 per ton	\$431.20	\$331.40	\$120	\$1,962	\$ 98.12
c&d grind (casella)	100 yards	20 tons	\$38 per ton	\$ 761.40	\$497 per box	\$497.12	0	0	\$1,259	\$ 62.93
c&d grind (district)	100 yards	20 tons	\$5 per ton	\$ 100.00	\$21.56 per ton	\$431.20	0	0	\$531	\$ 26.56
clean wood	100 yards	20 tons	(\$25) per ton	\$ (500.00)	\$250 per box	\$250	0	0	(\$250)	\$ (12.50)

plus \$1 host community fee
plus grinding cost \$550/hr
plus grinding cost \$550/hr
plus grinding cost \$450/hr

miles	material	distance round trip
Rutland to Coventry	MSW & C&D grind	240 miles
Rutland to Newington NH	clean sheetrock	340 miles



Rutland County Solid Waste District
Gypsum Dry Wall Recycling
October 8, 2009

Rutland County Solid Waste District
2 Greens Hill Lane
Rutland, VT 05701

THE
MAILING
ADDRESS
GOES
HERE



 RCSWD office 775-7209

Rutland County Solid Waste District
2 Greens Hill Lane
Rutland, VT 05701

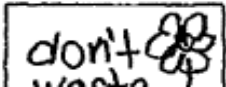
THE
MAILING
ADDRESS
GOES
HERE



 RCSWD office 775-7209

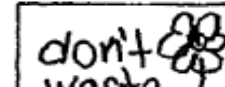
Rutland County Solid Waste District
2 Greens Hill Lane
Rutland, VT 05701

THE
MAILING
ADDRESS
GOES
HERE



Rutland County Solid Waste District
2 Greens Hill Lane
Rutland, VT 05701

THE
MAILING
ADDRESS
GOES
HERE



Rutland County Solid Waste District
Gypsum Dry Wall Recycling
October 8, 2009

Clean Sheetrock Recycling Program



The Rutland County Solid Waste District and the State of VT have subsidized the clean sheetrock program and need to adjust prices to reflect the cost of recycling the material. Please help us by answering the questions below to determine if this program will continue.

subsidized cost projected new cost alternative cost for disposal
\$45/ton \$65/ton \$95/ton

Question: are you willing to pay the \$65/ton for the program to continue
_____ yes _____ no *comments*

Time **Monday thur Saturdays 7-3**

Location: **Rutland transfer station, Gleason Road, Rutland, VT**

must be clean (new), no demo waste (painted, primed etc.)

Clean Sheetrock Recycling Program



The Rutland County Solid Waste District and the State of VT have subsidized the clean sheetrock program and need to adjust prices to reflect the cost of recycling the material. Please help us by answering the questions below to determine if this program will continue.

subsidized cost projected new cost alternative cost for disposal
\$45/ton \$65/ton \$95/ton

Question: are you willing to pay the \$65/ton for the program to continue
_____ yes _____ no *comments*

Time **Monday thur Saturdays 7-3**

Location: **Rutland transfer station, Gleason Road, Rutland, VT**

must be clean (new), no demo waste (painted, primed etc.)

Clean Sheetrock Recycling Program



The Rutland County Solid Waste District and the State of VT have subsidized the clean sheetrock program and need to adjust prices to reflect the cost of recycling the material. Please help us by answering the questions below to determine if this program will continue.

subsidized cost projected new cost alternative cost for disposal
\$45/ton \$65/ton \$95/ton



Clean Sheetrock Recycling Program



The Rutland County Solid Waste District and the State of VT have subsidized the clean sheetrock program and need to adjust prices to reflect the cost of recycling the material. Please help us by answering the questions below to determine if this program will continue.

subsidized cost projected new cost alternative cost for disposal
\$45/ton \$65/ton \$95/ton

Rutland County Solid Waste District
Gypsum Dry Wall Recycling
October 8, 2009



Rutland County Solid Waste District
2 Greens Hill Road
Rutland, VT 05701
(802)-775-7209
www.rcswd.com
deanew@rcswd.com

<http://www.anr.state.vt.us/dec/wastediv/recycling/candd.htm>

- <http://www.drywallrecycling.org/>

<http://www.gypsumrecycling.us/>

<http://www.ciwmb.ca.gov/conDemo/Wallboard>

<http://www.cdrecycling.org/>