



City of Sioux Falls Solid Waste Planning Board Minutes

*Sioux Falls Regional Sanitary Landfill - 26750 464th
Avenue Co. Hwy. 148, Sioux Falls
Tuesday, July 27, 2010, at 4:00 p.m.*

MEMBERS PRESENT/ABSENT

Members Present:

Dave McElroy
Deb Reinecke Hageman Proxy
Jake Anderson
Merle Wollman

Guests Present:

Jesse DeWitt
Butch Hansen
Bobbi Nelson

Members Absent:

Aimee House Ladonski
Bob Kappel
Greg Dix
Ryan Streff
Sarah Campbell
April Schave
Craig Ellerbroek
Roger Hageman
Dale Long
Nancy Korkow
John Overby
Heath Voneye

MINUTES

Dave McElroy and Dustin Hansen provided board members and guests with a tour of the Sioux Falls Regional Sanitary Landfill Operations. A fact sheet about landfill operations was provided to all present at the tour.

Aimee House Ladonski

Sustainability
Coordinator

SIoux FALLS REGIONAL SANITARY LANDFILL FACT SHEET

Location: Approximately 5 miles west of Sioux Falls on 41st Street

Service Area: 5 Counties (Lake, Lincoln, McCook, Minnehaha & Turner)

Service Population: ~245,000

Municipal Solid Waste (MSW): 171,000 tons in 2009; this is down from 2008 when 177,000 tons were disposed. 566 tons per day average for 2009. MSW generated per person per day in 2009 was 3.2 pounds per person per day.

Recycling: 38,000 tons were sent to commercial Material Recovery Facilities (MRFs) in 2009; this is up from 2008 when 35,000 tons were recycled.

Construction & Demolition Debris (C&D): 80,000 tons in 2009; this is down from 2008 when 84,000 tons were disposed. 265 tons per day average for 2009.

Appliances: 533 tons in 2009; this is down from 1,221 tons in 2008.

Yard Waste: 9,895 tons in 2009; this is up from 6,914 tons in 2008.

Wood Waste: 2,899 tons in 2009; this is down from 4,371 tons in 2008.

Tires: 331 tons in 2009; this is down from 337 tons in 2008.

Asbestos: 216 tons in 2009; this is down from 893 tons in 2008.

Contaminated Soils: 3,405 tons in 2009; this is up from 881 tons in 2008.

Electronics: 553 tons in 2009; this is up from 331 tons in 2008.

Leachate: 3.3 million gallons hauled to wastewater treatment plant in 2009. Estimated 9,000 total gpd avg leachate generated in 2009. Evaporation of leachate from aeration ponds also occurs.

Landfill Area: 709 acres

MSW Area: 260 acres

C&D Area: 60 acres (2 acres dedicated to asbestos)

Current Landfill Gas (LFG) Collection System Flow Rate: ~1,750 cubic feet per minute

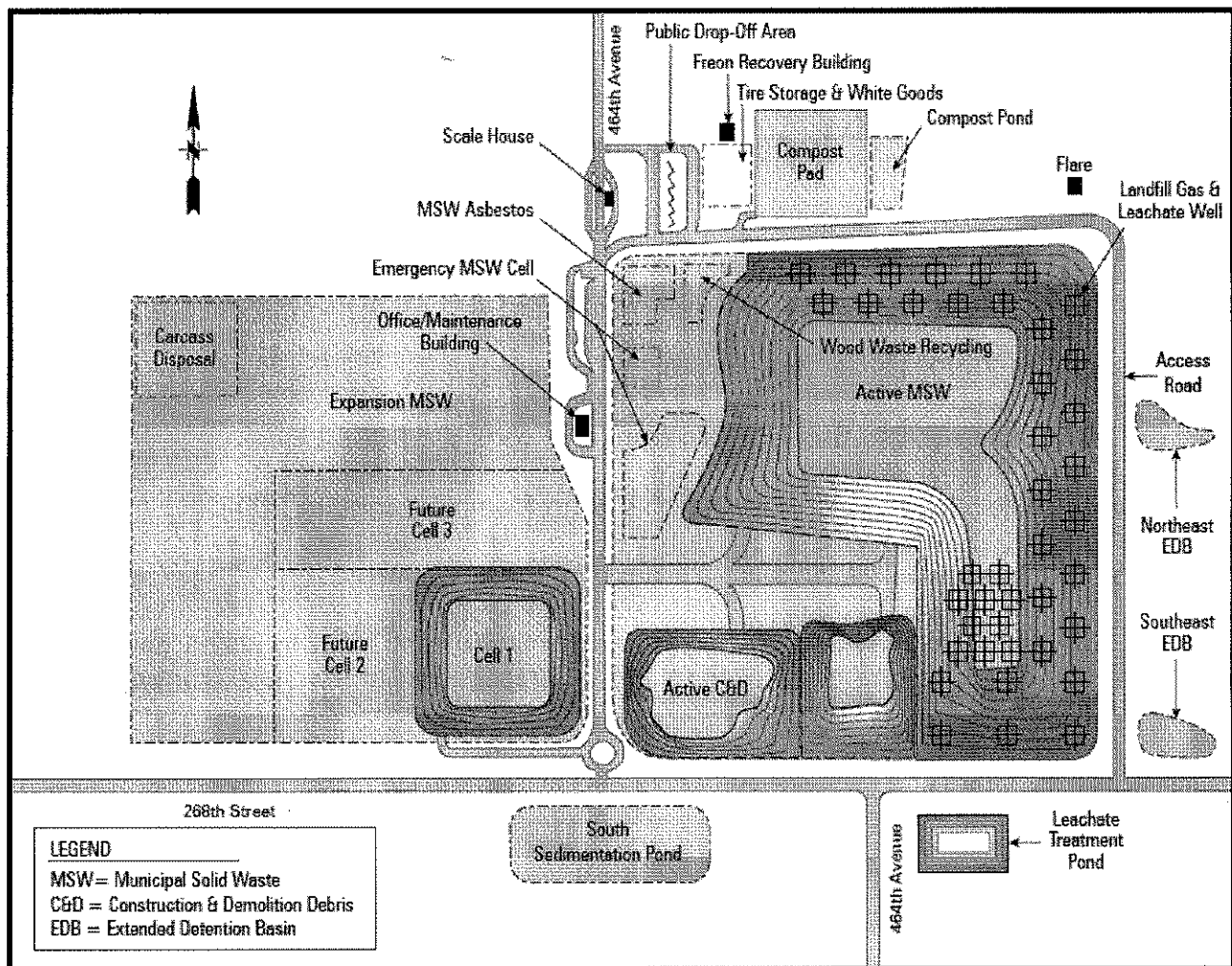
Current LFG Methane Concentration: 55%

Estimated Life of MSW Area: Approximately 2063

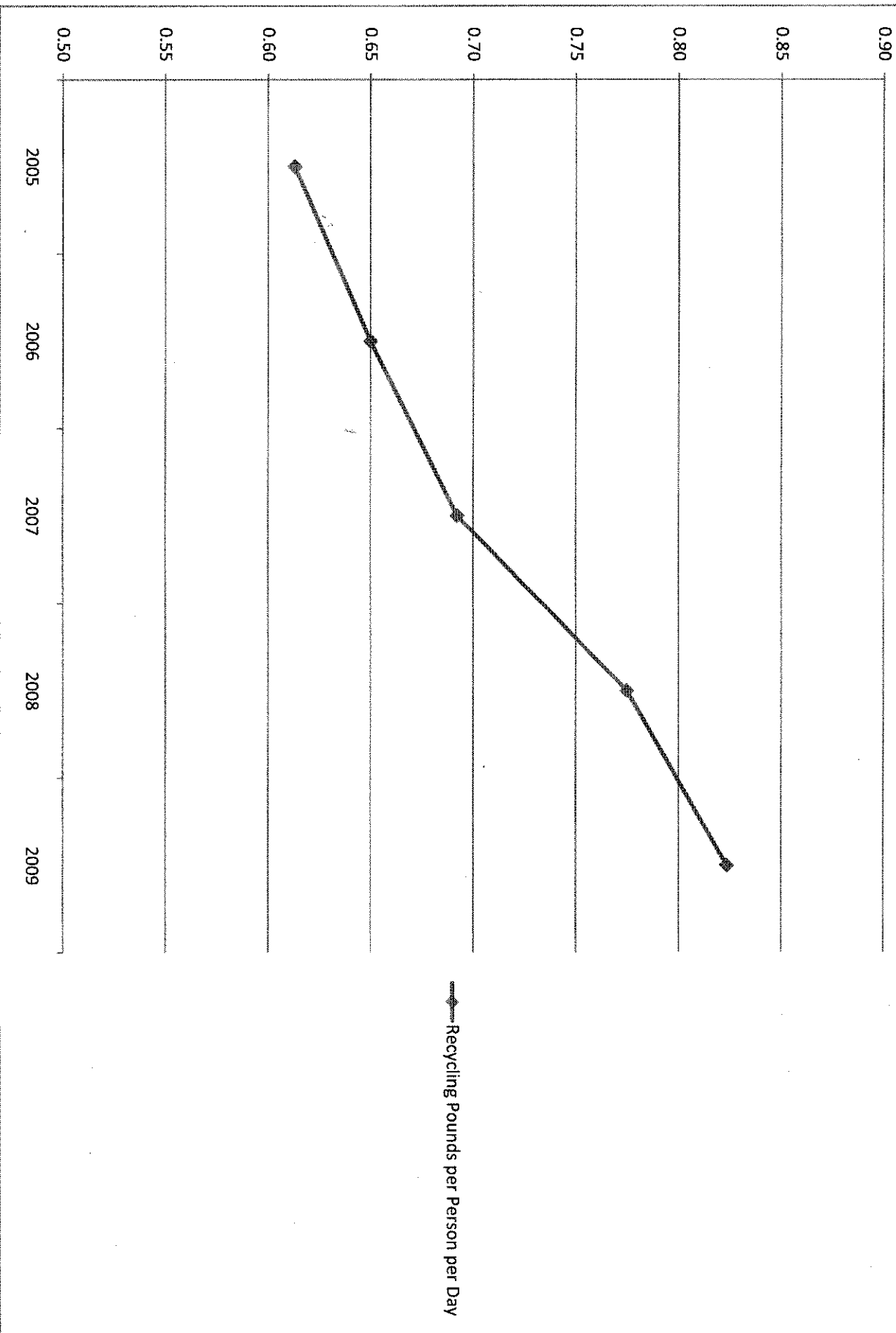
Estimated Life of C&D Area: Approximately 2041

Litter Control Efforts: In recent years the landfill has purchased additional portable litter fences to use near the working face of the landfill. The landfill has expanded its permanent litter fences by installing additional fence and upgrading to taller litter fence.

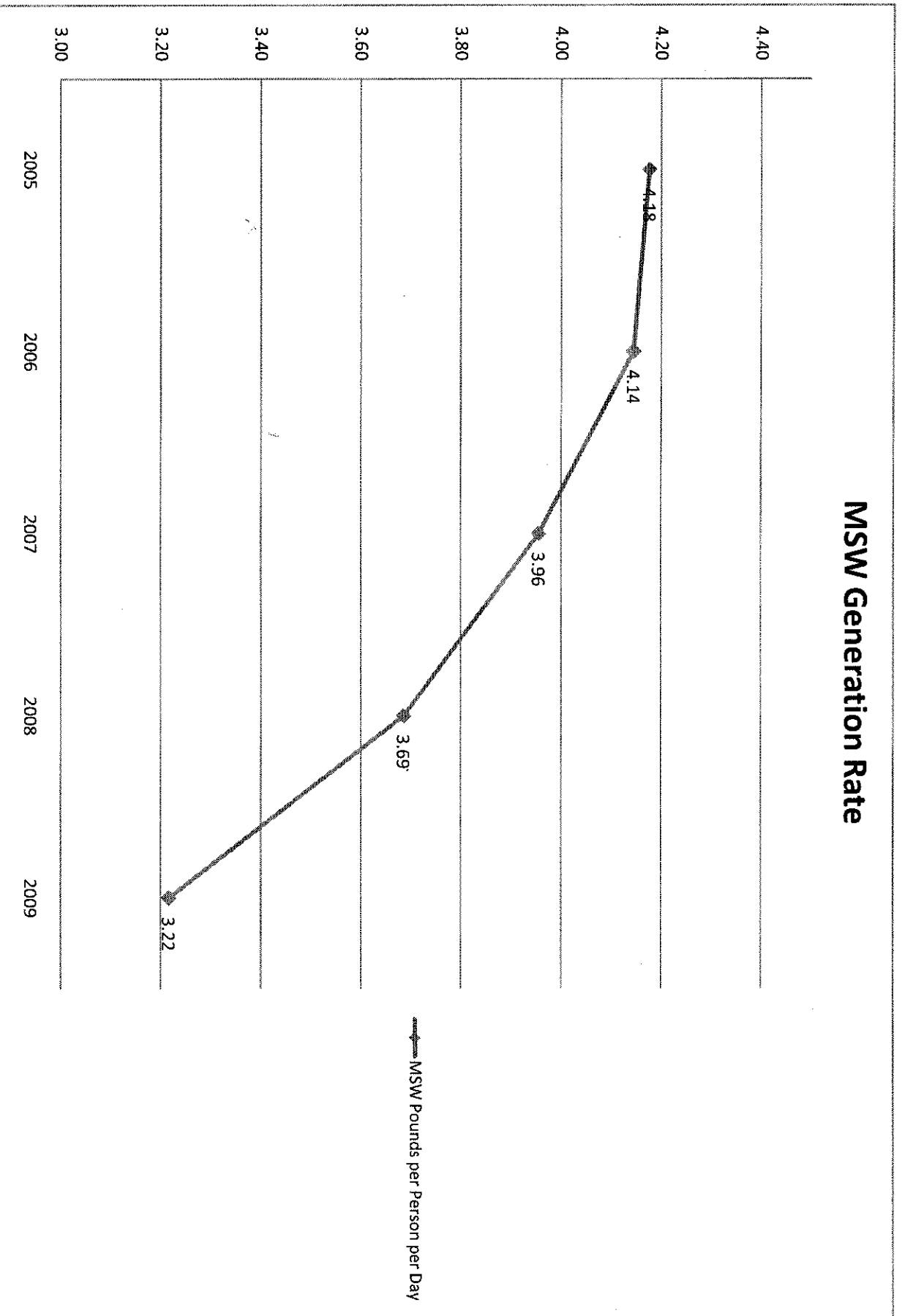
Recent, Current & Future Projects: Closure of East Active MSW Area, Installation of additional Dual Phase Wells on East Active MSW Area, Wetland Enhancement Project, Installation of additional Leachate Aeration Pond, Installation of Extended Detention Basins for Stormwater Runoff, Completion of Public Drop Off Area, Compost Area Expansion, Compost Leachate Pond, Expansion into West MSW Active Area (recently constructed Cell 2 with HDPE liner), Pipeline Installation to Poet Biorefining (Chancellor), Installation of Landfill Gas Compressor, LFG Dehydration/Conditioning Equipment, LFG pipeline, Household Hazardous Waste Facility Expansion and Year Round Collection of Electronics.



Recycling Generation Rate



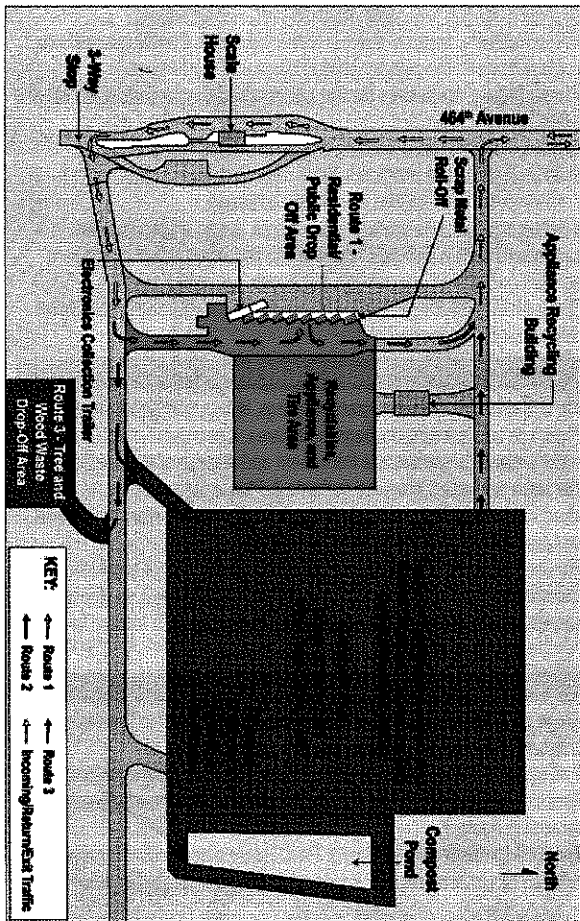
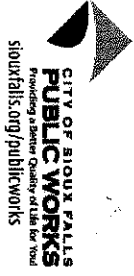
MSW Generation Rate



Public Drop-Off Area Map

Please see reverse side for details.

**SIoux FALLS REGIONAL
SANITARY LANDFILL**
26750 464th Avenue
(605) 367-8162
located 7 miles west of Sioux Falls on 41st Street



TIPS FOR YOUR LANDFILL VISIT

1. Please inform the 1st window at the scale house what materials you have on your load. This is needed to determine the appropriate charges and disposal route. The 1st window attendant will then inform you of the charges and which route to take.
2. Pay disposal fee at 2nd window. The 2nd window attendant may remind you which route to take.
3. Proceed south to 3-way stop.
4. Please obey speed limit of 25 mph and be courteous to other traffic.
5. No children under the age of 12 should ever leave the vehicle.
6. The City of Sioux Falls is not responsible for accidents.

Route 1 (RED):

- **Construction and Demolition Debris** (for example: furniture, drywall, carpet, insulation, tile, concrete, mattresses). Please place these materials into one of the seven green roll-off containers located on the west side of Route 1.
- **Metal** (for example: shelving, scrap iron, fence materials, other metallic materials). Please place metal materials in the far north roll-off container located on the west side of Route 1.
- **Appliances** (for example: microwaves, refrigerators, dehumidifiers, freezer, stoves, water heaters). Please place these materials near the pile located in the middle of Route 1.
- **Tires**. Please place tires on the pile located in the southeast corner of Route 1.
- **Batteries, Propane Tanks, Paper, Plastic Recyclables**. Please place these materials in or near the blue recyclable roll-off container located on the north side of Route 1.
- **Corrugated Cardboard**. Please break down all corrugated cardboard so it is flat and fits into the red corrugated cardboard roll-off containers located on the south side of Route 1.
- **Household Garbage**. Please place household garbage in the brown roll-off container located on the south side of Route 1.

Route 2 (GREEN):

- **Yard Waste** (for example: grass clippings, leaves, soft garden waste). Please do not place plastic bags in this area. If you use plastic bags, you must remove the yard waste from them and dispose of the plastic bags in the trash containers provided in Route 2. Please place yard waste on the short rows when long rows are full so we can properly work in this area and turn the compost wind rows as needed:
- Finished compost is available for personal residential use in small quantities only. Finished compost must be loaded by you, so please bring shovels and appropriate containers. Finished compost is located in the far southeast corner of Route 2.

Route 3 (BLUE):

- **Trees and Branches**. Please place trees and branches in the designated tree and branch pile located in Route 3.
- **Pallets and Untreated Lumber**. Please place pallets and untreated lumber (nails are OK) in the designated pallets and untreated lumber pile located in Route 3.
- **Treated Lumber and Railroad Ties**. Please place treated lumber and railroad ties in the designated treated lumber pile located in Route 3.

Questions? Please call the landfill at 367-8162. It is preferred that all vehicles enter at least 10 minutes before gates close to allow time to unload.