1. Call to Order/Roll Call

A regular meeting of the Solid Waste Planning Board was called to order at 5:00 pm by Aimee Ladonski, Board Chair. A quorum was present.

Roll Call:

Members Present:
- Aimee House Ladonski, Board Chair, Sustainability Coordinator
- Ken Allender, Citizen Representative
- Sarah Campbell, Citizen Representative
- Norman Dittman, Citizen Representative
- Greg Dix, Waste Hauling and Recycling Industry Representative
- Bob Kappel, Environmental Manager
- Dave McElroy, Landfill Superintendent
- Deb Reinicke, Lake County Representative
- Ryan Streff, Minnehaha County Representative

Members Absent:
- *Jake Anderson, Waste Hauling and Recycling Industry Representative
- Nancy Korkow, Waste Hauling and Recycling Industry Representative
- John Overby, Turner County
- *Merle Wollman, Multihousing Representative
- *Dennis Weeldreyer, Lincoln County Representative

* Arrived after Roll Call.

Others present:
- Shaun Feilmeier, Millennium Recycling; Ken Harmdierks, Bud’s Clean-up; Joe Heffron, City Sustainability Technician; Travis Hewitt, AGRAT²; John Laverne; Dan and Cindy Neuroth, D&C Solid Waste Services.

2. Approval of Agenda

A motion was made by Streff and seconded to approve the meeting agenda. (Vote: Yeses: Allender, Campbell, Dittman, Dix, Kappel, McElroy, Reinicke, Streff. Noes: None.) **Motion passes unanimously.**

3. Approval of Minutes

A motion was made by Reinicke and seconded to approve the minutes of the Solid Waste Planning Board meeting of April 3, 2012. (Vote: Yeses: Allender, Campbell, Dittman, Dix, Kappel, McElroy, Reinicke, Streff. Noes: None.) **Motion passes unanimously.**

Jake Anderson arrived at 5:02 pm.
Merle Wollman arrived at 5:03 pm.

4. Public Comment
   On request, allowance was made for public comment before the other agenda items.
   • Travis Hewitt distributed a handout and spoke about his business, AGRAT², which accepts used mattresses and box springs for recycling. *(See Appendix A below.)*
   • John Laverne spoke about giving a presentation about inconspicuous storage of waste containers at a future meeting of the Solid Waste Planning Board.

Dennis Weeldreyer arrived at 5:14 pm.

5. Sustainability Coordinator Report – Aimee Ladonski, Sustainability Coordinator
   • Ladonski reviewed communications and outreach between City staff and waste haulers in 2012.
   • Ladonski reviewed the amount of material recycled or otherwise diverted at the Household Hazardous Waste (HHW) Facility from January to April 2012:
     o HHW: approximately 100,000 lbs.
     o Electronics: approximately 360,000 lbs.
   • Ladonski gave an update on the Environmental Offices and Education Center and invited all to drive by the facility to see the construction progress.
   • Ladonski noted that the City of Sioux Falls website had changed and that anyone unable to locate information (e.g., minutes, agendas) should contact Ladonski for assistance.
   • Ladonski summarized sustainability and recycling education and outreach performed by City staff during the month of April (Earth Month).

6. Standardization of Collection Method and Recyclables Collected – Proposed Ordinance Revisions – Bob Kappel, Environmental Manager

   Anderson recused himself from discussion and voting on the issue of recycling standardization.
   • Kappel distributed printed copies and reviewed the amendments to Chapter 18 of the Revised Ordinances of the City of Sioux Falls that were approved by the Solid Waste Planning Board Ordinance Subcommittee on the issue of requiring single stream residential recycling collection. *(See Appendix B below.)*

   A motion was made by Kappel and seconded to approve the proposed ordinance revisions for recommendation to City Council.
   • Ken Harmdierks spoke against applying the proposed changes to the entire region and in favor of the current recycling method used in the City of Madison, where residents separate paper and containers into separate bags.
• Kappel distributed a hand-out summarizing the results of a survey of those haulers who currently provide source separated residential recycling collection. *(See Appendix C below.)*

• Kappel distributed a hand-out showing hauler recycling rates for 2011 and the collection method of each hauler. *(See Appendix D below.)*

(Vote: Yeses: Allender, Campbell, Dittman, Dix, Kappel, McElroy, Reinicke, Streff, Weeldreyer, Wollman. Noes: None.) **Motion passes unanimously.**

7. Discussion of Ordinance Subcommittee Vote Against Revised Section 18-30 (o) – Bob Kappel, Environmental Manager

Anderson joined the board once again after recusing himself for the previous agenda item.

• Kappel distributed proposed ordinance changes to the recycling rebate standard outlined in 18-30(o) which the Solid Waste Planning Board Ordinance Subcommittee voted not to approve on May 21, 2012. *(See Appendix E below.)*

• Kappel distributed 2012 first quarter waste hauler recycling rates to show that no haulers are currently achieving the recycling rebate standard of 30%. *(See Appendix F below.)*

8. Public Comment

• Anderson spoke in favor of addressing other recommendations of the Sustainability Master Plan Solid Waste Assessment in addition to recycling standardization.

A motion was made by Anderson and seconded to task the Solid Waste Planning Board Ordinance Subcommittee and City staff with evaluating adjustments to waste hauler licensing once the issue of recycling standardization has been approved or disapproved by City Council. *(Vote: Yeses: Allender, Anderson, Campbell, Dittman, Dix, Reinicke, Streff, Weeldreyer, Wollman. Noes: None. Abstain: Kappel, McElroy.)** Motion passes.**

9. Adjournment

A motion was made by Kappel and seconded to adjourn at 6:00 pm. *(Vote: Yeses: Allender, Anderson, Campbell, Dittman, Dix, Kappel, McElroy, Reinicke, Streff, Weeldreyer, Wollman. Noes: None.)** **Motion passes unanimously.**
Appendix A:

"A Green Recycling Alternative To Throw-n-away"

Now accepting all used mattresses & box springs!!!

We are located at 46963 Monty St, Tea, SD 57064

Our location is the very first garage door. **No items can be left outside. Thank You**

Please Contact: Travis Hewitt (605)212-3476 to schedule drop offs.

tlhwitt@siomidco.net

PO Box 175, Tea, SD 57064

Thank You for helping us change,

“Throwing Habits of Old”!!!
AGRAT$^2$ LLC's Mission

Increase recycling rates while providing the highest recovery rates of materials from used mattress, box spring, and furniture recycling. AGRAT$^2$ deconstructs all the items received in order to maximize the recovery of all marketable materials. AGRAT$^2$ provides services to both public and private customers. We clutch our mission by educating, and servicing our customers and communities with new innovative and ever-evolving methods to reduce their wasteful tendencies efficiently, safely through an environmentally responsible manner and in a government-sanctioned manner, protecting public interest.

Time for Change

We have all heard from time to time, "You get what you paid for." The era we now live in has become so capricious about the environment and how our carbon footprint affects our environment. One of the most significant ways to help reduce our carbon footprint is by recycling. The best feature of AGRAT$^2$ will be the reduction of mattresses, box springs, and furniture from the current waste stream hauled to the landfill, thus prolonging the life of the landfill. The average mattress consists of 85-95% recoverable materials. We have set a goal to recover 75% of the recyclable material from all mattresses, box springs, and furniture waste and convert it into a marketable commodity that can be made into a new product.

The main argument against recycling mattresses is that it's not yet cost effective with the current volume. AGRAT$^2$ LLC is being created to address this issue by creating a new service and market for all used mattresses, box springs, and furniture before they enter the waste stream. We will help expand the local recycling rates by selling the recoverable materials from used mattress, box spring, and furniture that would otherwise be sent to the landfill and simply buried.

With your help, we can achieve our goals while increasing the local recycling rates!! Contacting us would be greatly appreciated!!

Contact: Travis Hewitt
Located @ 46963 Monty St * Tea, SD 57064 • 605.212.3476 •
email: info@agrattwo.com
Mail: PO Box 175, Tea, SD 57064
Appendix B:

Proposed Chapter 18 Ordinance Revisions
(Standardized Recycling Collection)
(SWPB Meeting 05/22/12)

Add

Section 18-1

Single-stream means a system in which recyclable fibers (including but not limited to bulk-rate mail, chipboard, corrugated cardboard, magazines, newspaper and office paper) and recyclable containers (including but not limited to glass, metal and plastic) are comingled for collection into one container instead of being sorted into separate commodities and multiple containers.

Modify

Section 18-17. Garbage and recycling containers.

The occupant, owner, or manager of every dwelling house, apartment, or construction site and every place of business and building shall provide suitable, rigid watertight containers in which the occupants shall cause to be deposited all garbage, animal waste, rubbish and recyclable materials, except yard waste, accumulating upon the premises. Residential recycling containers shall accommodate single-stream recycling. The garbage and recycling containers shall be kept in an inconspicuous place beside or behind the structure which is reasonably accessible to the licensed commercial garbage hauler. There shall be provided a tightly-fitted cover for each container which shall be removed only for the purpose of cleaning or depositing or removing recyclable materials, garbage, rubbish, and animal waste. The vicinity of the garbage container shall be kept free from garbage, rubbish, animal waste, litter, yard waste or any putrescible matter that attracts flies and rats.

Modify

Section 18-21. Residential single-stream recycling collection and containers.

Required recyclables shall be collected at least twice each month by a licensed garbage hauler. Recyclables shall be separated from household garbage and rubbish. Recyclable materials not otherwise managed and self-hauled by the resident shall be deposited in a proper single-stream recycling container and placed at a location, other than curbside, as directed by the licensed hauler contracted to remove the same. All recyclables and containers therefore shall be kept in an inconspicuous place except when placed for collection. Residents may be directed to provide specific handling techniques like placing shredded paper in a clear plastic bag. Required recyclables collected shall not be deposited at the sanitary landfill. The separation of glass shall be on a voluntary basis.
Modify

Section 18-23. Apartment garbage and recycling service.

Every owner of an apartment shall do the following to facilitate recycling in each such building.

   (1) Provide adequate single-stream recycling containers for recyclable material. Containers shall be stored on the premises in a screened location that is convenient for the deposit and collection of recyclables.
   (2) Provide single-stream recycling service along with garbage service.

Modify


Required recyclables. Property owners or tenants shall store recyclable materials separately from garbage while awaiting collection in accordance with the following standardized recycling collection methods: shall be stored separately from garbage while awaiting collection. Licensed garbage haulers shall collect and transport recyclable materials in accordance with the following standardized recycling collection methods.

   (1) Residential sites shall use a single-stream methodology for the collection and management of recyclable materials.
   (2) Non-residential sites may use either single-stream, dual stream or source separated methodology for the collection and management of recyclable materials.

Modify

Section 18-46. Identifying name.

Each vehicle having a permit under this article shall permanently display the licensed commercial garbage hauler’s name in easily-legible letters at least three inches high or identifying logo. Any container belonging to a licensed commercial garbage hauler shall bear the hauler’s name or identifying logo. Residential recyclable containers shall also be labeled for recyclables or single-stream recyclables. Non-residential recyclables containers shall also be labeled for specific materials to be placed therein.

Modify

Section 18-54. Loading of vehicles.

Vehicles used for transporting rubbish, animal waste, and waste materials and recyclable materials shall be loaded so that no materials shall fall off or be blown off the vehicle while in transit. Loosely loaded vehicles with open boxes must be tarped.
# Waste Hauler Single-stream Survey Results

Number of surveys sent: 8  
Number of responses received: 6

<table>
<thead>
<tr>
<th>Question</th>
<th>YES</th>
<th>NO</th>
<th>Responses (Paraphrased from original language)</th>
</tr>
</thead>
</table>
| 1. Before receiving this letter, were you aware that City of Sioux Falls staff and the Solid Waste Planning Board were considering requiring Single Stream recycling in the five-county area? | 5   | 0   | Solid Waste and Recycling Industry Meeting: 3  
Word of Mouth: 2  
City Council Public Services Committee: 1 |
| 2. In your opinion, can you reach the 2012 Waste Hauler Recycling Goal of 20% while continuing to use Source Separation recycling collection?  
   If you are not currently meeting this goal, why do you believe you are not able to reach this recycling goal at this time? | 3   | 1   | - Because we sort all our recyclables, there is no garbage counted in the recyclable weights reported [unlike with single stream recyclables].  
- We use a bag system [to separate paper from containers].  
The 20% goal is a big jump to achieve in one year.  
- I'm informing my customers to recycle. Reporting is inaccurate, because haulers are hauling in [recyclables] from outside the region. |
| 3. Do you think more customers would recycle if you switched to Single Stream recycling collection? | 1   | 3   | Yes response: "a small percentage"  
Don't Know: 1 |
| 4. Do you think your current recycling customers would recycle more if you switched to Single Stream recycling collection? | 1   | 3   | Yes response: "a small percentage"  
Don't Know: 1 |
| 5. Have you already considered switching to Single Stream  
   If yes, when are you considering (or did you consider) making this change? | 2   | 3   | - I am considering now, but have not yet made the decision.  
- It was considered and does not appear cost-effective.  
- I tried it once before and was penalized for having too much glass. |
| 6. Do you believe Source Separation recycling is a better method than Single Stream recycling for increasing waste diversion from our landfill?  
   If yes, please provide your reasons why Source Separation recycling is better. | 2   | 1   | - I have read that landfills [in the collection area] have less going in, but landfills near the mills receive the contaminated material.  
- All garbage and non-recyclable items need to be removed from [the single stream weights] before comparing to source separated.  
- Hauling, handling and processing [source separated] is more economical, easier and requires less equipment.  
- [Single-stream] diverts waste to someone else's landfill. |
<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
</table>
| 7. If you were required to switch to Single Stream recycling, what actions would you need to make in order to comply? | - Decide how to accept recycling, possibly purchase recycling vehicle(s), hire additional staff.  
- We will sort all recycling anyway. Labor costs would be higher with single-stream.  
- Purchase 1230 containers: $86,100; Employ 6-7 more staff: $40,000.  
- Depends on required containers. Add or modify equipment, possibly purchase containers.  
- I'll probably keep doing it single sort until you shut down the little guys, including MRFs. |
| 8. Would these changes represent a burden to your company?                                                                                      | 4                                                                                                                                             |
| 9. Would you need to make significant investments in order to switch to Single Stream recycling?  
If yes, please list necessary investments and the estimated costs to your business.        | 4                                                                                                                                             |
|                                                                                                                                                    | Add truck(s) and staff. Maybe purchase containers.  
- I will need to find a different company to broker recycling. I feel there is an extreme conflict of interest on the subcommittee that is making these decisions, and the City should consider the legal ramifications.  
- First year: $126,100. $40,000 per year thereafter.  
- Carts: $71,500, Truck equipment: $25,000 minimum. |
| 10. Would it take more than a month for your company to switch to Single Stream recycling collection, if necessary?  
If yes, please explain why and how long you would estimate it would take.                    | 4                                                                                                                                             |
|                                                                                                                                                    | I believe 3-4 months should be allotted to make major changes in operation.  
- Availability of containers, hire more staff: 6 months.  
- Not sure, but it would be a major transition. It could be up to 1 year.  
- Need more trucks that would tear up your streets. |
| 11. How could the City of Sioux Falls aid your company in smoothly transitioning to Single Stream recycling collection, if necessary?                    | - By requiring the City of Sioux Falls to comply [with single-stream recycling] and allowing [other areas] to collect the way it works best for the customer and company. Also by making the playing-field equal by removing garbage and non-recyclables [from single stream recyclable weights].  
- Change regulations for communities outside the immediate Sioux Falls Service Area. Some areas are unique and should be looked at closely so the current relationship with Sioux Falls can be maintained.  
- Have fewer requirements on type of container. Provide a place at the landfill where haulers can dump single-stream recyclables at no charge.  
- Subsidize me.                                                                                                                                   |
## Appendix D:

### 2011 Hauler Recycling Rates by Collection Method

<table>
<thead>
<tr>
<th>Hauler</th>
<th>2011 Recycling Rate</th>
<th>Residential materials taken to:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Affordable Sanitation</td>
<td>29.44%</td>
<td>Source-separated MRF</td>
</tr>
<tr>
<td>Ace Garbage Service</td>
<td>25.60%</td>
<td>Single-stream MRF</td>
</tr>
<tr>
<td>D &amp; C Solid Waste Services</td>
<td>25.59%</td>
<td>Both</td>
</tr>
<tr>
<td>Van Dyke Sanitation Inc.</td>
<td>24.95%</td>
<td></td>
</tr>
<tr>
<td>Waste Management of Sioux Falls</td>
<td>23.17%</td>
<td></td>
</tr>
<tr>
<td>Heartland Disposal Services</td>
<td>22.20%</td>
<td></td>
</tr>
<tr>
<td>Novak Sanitary Service</td>
<td>21.12%</td>
<td></td>
</tr>
<tr>
<td>RBS</td>
<td>20.64%</td>
<td></td>
</tr>
<tr>
<td>DJ's Sanitary Service</td>
<td>20.08%</td>
<td></td>
</tr>
<tr>
<td>A-OK Sanitary Service</td>
<td>20.07%</td>
<td></td>
</tr>
<tr>
<td>Craig's Sanitary</td>
<td>18.81%</td>
<td></td>
</tr>
<tr>
<td>Falls Garbage Service</td>
<td>17.10%</td>
<td></td>
</tr>
<tr>
<td>Marv's Sanitary Of Sioux Falls</td>
<td>14.69%</td>
<td></td>
</tr>
<tr>
<td>NJ Peterson Sanitation, LLC</td>
<td>14.16%</td>
<td></td>
</tr>
<tr>
<td>Pik-N-Pak Disposal</td>
<td>13.90%</td>
<td></td>
</tr>
<tr>
<td>Marv's of Brandon</td>
<td>13.83%</td>
<td></td>
</tr>
<tr>
<td>City of Madison</td>
<td>13.77%</td>
<td></td>
</tr>
<tr>
<td>Bud's Cleanup Service</td>
<td>13.77%</td>
<td></td>
</tr>
<tr>
<td>Sioux Falls Sanitation</td>
<td>13.40%</td>
<td></td>
</tr>
<tr>
<td>Scott Bolte Sanitation Inc</td>
<td>11.93%</td>
<td></td>
</tr>
<tr>
<td>R &amp; S Sanitation</td>
<td>11.88%</td>
<td></td>
</tr>
<tr>
<td>Hoffman Sanitation</td>
<td>11.08%</td>
<td></td>
</tr>
<tr>
<td>Garbage N More</td>
<td>10.41%</td>
<td></td>
</tr>
<tr>
<td>Al's Sanitary</td>
<td>9.33%</td>
<td></td>
</tr>
<tr>
<td>Sandman's Sanitary Service</td>
<td>9.01%</td>
<td></td>
</tr>
<tr>
<td>Dakota Disposal</td>
<td>9.01%</td>
<td></td>
</tr>
<tr>
<td>Haan Garbage Hauling</td>
<td>8.81%</td>
<td></td>
</tr>
<tr>
<td>Addy Disposal</td>
<td>7.62%</td>
<td></td>
</tr>
<tr>
<td>Harrisburg Sanitary Service</td>
<td>6.75%</td>
<td></td>
</tr>
<tr>
<td>Dan's Garbage Service</td>
<td>6.57%</td>
<td></td>
</tr>
</tbody>
</table>
Proposed Chapter 18 Ordinance Revisions
(Standardized Recycling Collection)
(SWPB Meeting 05/22/12)

Section 18-30. Rates for use.

(o) Licensed garbage haulers that exceed the recycling goal, as set forth in Section 18-62, by 540% shall receive a $1.00-per-municipal-solid-waste-ton rebate that will be credited by March 31 of the following year. The first rebates will be awarded by March 31 of 2012 based on garbage hauler recycling rates in 2011. Garbage haulers that receive this rebate are strongly encouraged to use this rebate to enhance their recycling efforts and/or reward their customers.
### 2012 Quarter 1 Waste Hauler Recycling Rates

<table>
<thead>
<tr>
<th>Waste Hauling Company</th>
<th>Recycling Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Van Dyke Sanitation</td>
<td>28%</td>
</tr>
<tr>
<td>Heartland Disposal Services</td>
<td>26%</td>
</tr>
<tr>
<td>D&amp;C Solid Waste Services</td>
<td>26%</td>
</tr>
<tr>
<td>Affordable Sanitation</td>
<td>24%</td>
</tr>
<tr>
<td>Waste Management of Sioux Falls</td>
<td>23%</td>
</tr>
<tr>
<td>Ace Garbage Service</td>
<td>23%</td>
</tr>
<tr>
<td>DJ's Sanitary Service</td>
<td>22%</td>
</tr>
<tr>
<td>Scott Bolte Sanitation</td>
<td>21%</td>
</tr>
<tr>
<td>Sioux Falls Sanitation</td>
<td>21%</td>
</tr>
<tr>
<td>Novak Sanitary Service</td>
<td>21%</td>
</tr>
<tr>
<td>Craig's Sanitary</td>
<td>20%</td>
</tr>
<tr>
<td>Marv's Sanitary of Sioux Falls</td>
<td>20%</td>
</tr>
<tr>
<td>A-OK Sanitary Service</td>
<td>18%</td>
</tr>
<tr>
<td>Sandman's Sanitary Service</td>
<td>17%</td>
</tr>
<tr>
<td>Falls Garbage Service</td>
<td>16%</td>
</tr>
<tr>
<td>Pik-N-Pak Disposal</td>
<td>15%</td>
</tr>
<tr>
<td>Marv's of Brandon</td>
<td>15%</td>
</tr>
<tr>
<td>RBS</td>
<td>14%</td>
</tr>
<tr>
<td>Bud's Cleanup Service</td>
<td>13%</td>
</tr>
<tr>
<td>City of Madison</td>
<td>13%</td>
</tr>
<tr>
<td>Garbage N More</td>
<td>13%</td>
</tr>
<tr>
<td>R &amp; S Sanitation</td>
<td>12%</td>
</tr>
<tr>
<td>Dan's Garbage Service</td>
<td>12%</td>
</tr>
<tr>
<td>Addy Disposal</td>
<td>9%</td>
</tr>
<tr>
<td>Hoffman Sanitation</td>
<td>9%</td>
</tr>
<tr>
<td>Harrisburg Sanitary Service</td>
<td>5%</td>
</tr>
<tr>
<td>Dakota Disposal</td>
<td>2%</td>
</tr>
</tbody>
</table>

#### 2012 Hauler Recycling Goal

2012 Surcharge Recycling Standard