



City Council Work Session Agenda
City Council Chambers, City Hall, 612 N. Main
Monday, April 29, 2019
Immediately following the Special Meeting at 6:00 PM

1. Recycling Update

Documents:

[MITCHELL PPT RECYCLING PRESENTATION APRIL 2019 \[READ-ONLY\].PDF](#)

2. Other Items

Work sessions are designed to allow the City Council to have further discussion on topics outside of the regular meeting format; no action will be taken during a work session.

The meeting will adjourn no later than 8pm.



Recycling Update

April 29, 2019



CITY COUNCIL WORK
SESSION

Recycling Update

Outline

- Brief History
- Definition (Common Terms)
- Pros & Cons of Recycling
- Public Opinion
- Current Issues Market Impact
- Examples of Different Recycling Programs
(Various Towns in South Dakota/Midwest)
- Goals – Short Term and Long Term
(Where Does Mitchel Go From Here)

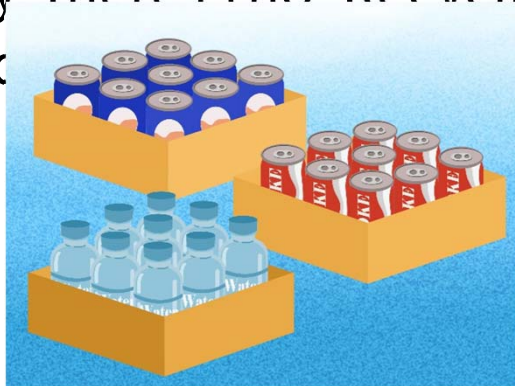
City Council Work Session



Recycling Update

Brief History of Recycling

- Culture & Human Nature
- 1970's EPA and Legislation Clear Air, Clean Water & Endangered Species
- Noteworthy there is no 'Recycling Police'. SDDENR does not regulate recycling



Recycling Update

Definitions

- Recycling Facts (Did you Know?) Terms Phrases
- Description of the Recycling Process (Municipal Recycling Program & its waste management)
- Collection types, Curbside, Drop off centers, Buy Back Centers
- Sorting process
- Recycling Loops
- Recycling Codes (e.g. plastics only certain ones a



Recycling Update

Pros & Cons of Recycling

- Myths of Recycling
- Advantages: reduce pollution, protect environment & natural resources, reduce energy, save landfill space, jobs, may be profitable if done properly, don't need to be closed loop, creates education opportunities
- Disadvantages: high up-front costs & costly to operate, sites may be unsightly, product durability questions
- Mandatory Recycling Laws findings



Recycling Update

Pros & Cons for the Types of Recycling

- Findings, 53% of US has recycling automatically, participation rate is 44%
- Common trends of curbside
- Suggest a performance indicator
- Findings: correlation to private or public collection, frequency of collection, subscription or opt-in vs automatic, impact of glass, cart vs bin, level of public action, Key point: You cannot manage what do not measure. Suggestion to collect data,

Waste Audit

- Also messaging important, consistency, varies from community to community, Hub & Spoke partnership with other communities
- Location of a MRF is a factor in costs
- Multi-Family is not consistent and varies greatly from community to community.
(Mitchell contract)

Suggested BMP

Recycling Update

Pros & Cons for the Types of Recycling (Continued)

- Pros of S.S.: easy for customers, increase diversion & participation, efficient collection, MRF process more materials, decrease garbage collection costs
- Cons of S.S: increase contamination at MRF, lower quality, manual or equipment sorting, difficulty in sorting (glass), increase costs
- Education to Recycle Right.
- Multi-Stream system (Source Separation): reduced loss of plastics, minimized contamination, improved quality, cost effective, however less convenient
- Drop off Center
- Suggested questions to ask, perhaps suggest a community survey or some type of solicitation of the opinions of the citizens

Recycling Update

Public Opinion

- Pew research
- Harris Poll & industry findings
- Suggestion the city conduct a public input of some form



Recycling Update

Contract Tips

- Industry suggestion
- Obtaining feedback
- Account for continuing change in the market



Market Conditions & Current Issues

- Impact of China's new policy about taking recycles, demands high quality standards which are nearly impossible to meet
- The market of recyclables dramatically less than a few years ago
- Some places not even taking glass and some plastics
- Changes in industry or manufacturing, some are finding it cheaper to produce from raw

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Recycling Update

Summary of Cities & Towns in South Dakota

- Contractors, drop off sites
- Subscription service
- Cities that incorporate into their garbage service
- Rates & process comparison

- Aberdeen
- Huron
- Pierre
- Rapid City
- Sioux Falls
- Spearfish
- Watertown
- Yankton



Recycling Update

Summary of Mitchell's Recycling Program

- Residential Collection Started in 2005
- Contracted with Dependable Sanitation since then, Contract Expires 12/31/2019
- City Pays Dependable Monthly - \$23,800
- City Residents pay \$4.00/month (voluntary participation)
- City retains earnings from the fees collected and the monthly remittance to Dependable (Varies up to \$20,000/year)
- Dependable rents a City building for \$10,000/year (Drop off site)
- Participation is around 30% - 40%
- Collection is weekly, same day as garbage pick up
- No information available on non-residential properties

Recycling

Recycling Program: Fees \$4.00 per month per residential unit

Aluminum & Steel Cans

Aluminum and steel food and beverage containers should be empty and rinsed.

Plastic Bottles & Containers

• All plastics No. 1 through No. 7 may be recycled except for the items listed. Prior to recycling please remove all caps and trigger sprays and place in trash. You may flatten plastic to save space in your recycling bin.

Unacceptable:

- Anti-freeze
- Chemical
- Fertilizer
- Oil or Paint Containers

Glass (Clear & Brown)

• **Acceptable:** Any glass container containing food or beverage.

Unacceptable:

- Dishes
- Drinking Glasses
- Light bulbs
- Mirrors
- Perfume and Aftershave Bottles

These items should be rinsed and drained thoroughly, Labels do not need to be removed, Remove caps or lids. Please do not break glass.

Newspapers

• **Note:** If possible we request these items to be placed in a separate grocery sack:

- Coupons
- Flyers
- Glossy Inserts
- Newsprint

Please place these items a grocery bag preferably paper, and place on top of our other recyclables.

Magazines, Office Paper, Phone Books, Junk Mail

Place your magazines, catalogs, office paper, and phone books in a grocery bag, preferably paper, and place next to your newspaper on top of your other recyclables.

Corrugated Cardboard

Remove all contents from boxes, flatten. Place the bundles beside or under your recycling bin. **Note:** Cardboard should be flattened and placed under your recycling bin.

Chipboard

Boxes and cartons that are manufactured from chipboard are now acceptable. Packaging boxes

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Recycling Update

Suggestions “The Way Forward”

- Waste Audit
- Public input, survey, and gauge public awareness
- Decide on the City’s involvement, role in promoting, monitoring, or regulating recycling in the city.
(Ordinance, exclusive contracts, expenditures, equipment etc.) **(Ownership)**
- Participation in recycling ourselves
- Procurement policies
- Visit neighboring communities
- **Short Term and Long Term Goals (RFP – Future Municipal Involvement/Operation)**

Recycling Update

Questions

