

Iowa Northland Regional
Council of Governments:

*Comprehensive Solid
Waste Management Plan*
8th Revision



Black Hawk County, Bremer County,
Buchanan County, Fayette County,
Cities of Dike,
Grundy Center, Morrison,
Reinbeck and Stout

2016- 2020



Iowa Northland Regional Council of Governments
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TABLE OF CONTENTS

| | <u>Page</u> |
|---|-------------|
| I. PLANNING AREA CHANGES | |
| 1.1 Permanent Changes in the Planning Area | 2 |
| II. EVIDENCE OF COOPERATION | |
| 2.1 Resolutions | 2 |
| 2.2 Letters of Cooperation | 2 |
| 2.3 Lists of Contracts and 28E Agreements That Have Changed | 2 |
| III. PUBLIC PARTICIPATION | |
| 3.1 Public Input Strategies | 4 |
| 3.2 Public Hearings/Meetings Held for Plan Development and Review | 8 |
| 3.3 Public Review Meetings | 9 |
| IV. BASELINE WASTE STREAM REPORT (Provided by DNR) | 9 |
| 4.1 Goal Progress Calculation | |
| V. CHANGES IN AREA DEMOGRAPHICS | 11 |
| 5.1 Population, Employment, Industrial Production | |
| VI. CURRENT WASTE COMPOSITION AND GENERATION | |
| 6.1 Changes in Waste Generation since the Last Approved Plan | 11 |
| 6.2 Changes in Waste Composition since the Last Approved Plan | 14 |
| 6.3 Effects of Anticipated Planning Area Modifications | 14 |
| VII. EXISTING INTEGRATED SOLID WASTE MANAGEMENT REPORT | |
| 7.1 New and Evolving strategies, efforts, and programs implemented with the planning area to address motor oil, lead-acid batteries, appliances, tires, backyard composting, yard waste, HHM's, and recyclables | 14 |
| 7.2 List of Collectors/Recyclers Used | 23 |
| 7.3 Narrative of all Waste Management Programs Implemented/Maintained | 25 |
| VIII. EVALUATION OF PROGRESS TOWARD GOALS | 29 |
| IX. ANALYSIS OF SOLID WASTE ALTERNATIVES | 37 |
| X. IMPLEMENTATION TIMELINE | 37 |
| LIST OF EXHIBITS | 44 |

I. Planning Area Changes: *101.13(2)“a”*

1.1 Permanent Changes in the Planning Area

INRCOG Planning Area:

Iowa Northland Regional Council of Governments (INRCOG); all cities and the unincorporated area in Black Hawk County; all cities and the unincorporated area in Bremer County; all cities and the unincorporated area in Buchanan County; all cities and the unincorporated area in Fayette County; and the cities of Dike, Grundy Center, Morrison, Reinbeck, and Stout in Grundy County.

There have been no changes to the planning area since the previously approved plan.

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II. Evidence of Cooperation: *101.13(2)“b”*

2.1 Resolutions - See attached

Included are resolutions from all local governments or 28E agencies established for the purpose of managing solid waste or implementing integrated solid waste management systems (I.S.W.M.S.), or both, on behalf of local governments. (Exhibits 1 through 16) and BHCSWMC Resolution (Exhibit 26).

2.2 Letters of Cooperation (Private Solid Waste Facilities permitted by Iowa DNR)

Included is a letter of cooperation from Cedar Valley Recycling Inc., a private sanitary disposal project operating a Solid Waste Transfer Station (in Waterloo) and participating in the comprehensive plan update. (Exhibit 17)

Included is a letter of cooperation from Waste Management a private sanitary disposal project operating a Solid Waste Transfer Station (in Independence) and participating in the comprehensive plan update. (Exhibit 18)

2.3 Lists of Contracts and 28E Agreements That Have Changed

There have been no 28E changes since the previously approved plan.

| Row | Title or description | Type | Expiration date | Sec. of State file # |
|-----|--|--|-----------------|--|
| 1 | Intergovernmental agreement creating the Black Hawk County Solid Waste Management Commission (BHCSWMC) | Creation in 1974 | Indefinite | See Attachments |
| 2 | Intergovernmental agreements between Bremer County (Landfill) & Bremer County municipalities | 1993 | 1999 | Filed with SOS individually between Bremer County and each jurisdiction, yearly. |
| 3 | Intergovernmental agreement creating the Buchanan County Solid Waste Mgmt Commission | Creation in 1989 | | See Attachments |
| 4 | Intergovernmental agreement creating the Fayette County Solid Waste Commission | Creation in 1982 | | See Attachments |
| 5 | Intergovernmental agreement creating the Grundy County Solid Waste Commission | Creation in 2002 | | See Attachments |
| 6 | Membership change- Planning Area added Bremer County & Buchanan County Solid Waste Commission (Cooperation Agreement. Agreement Between The Black Hawk County Solid Waste Management Commission, The County Of Bremer, The Buchanan County Solid Waste Commission And Iowa Northland Regional Council Of Governments, In Regards To Solid Waste Disposal) | Added in 1996 | | L006240 |
| 7 | Membership change- Planning Area added Grundy Co Landfill Commission (Solid Waste Agreement By And Between Black Hawk County Solid Waste Management Commission, Bremer County Board Of Supervisors, The Buchanan County Landfill Commission, Grundy County Landfill Commission And Iowa Northland Regional Council Of Governments, Pu) | Filed in some counties in '98, others in '99. Filed with SOS on 10-22-99 | | M007253 |
| 8 | Membership change- Planning Area added Fayette County Solid Waste Commission by resolution after approval by Iowa DNR | Added in 2009 | | See Attachments which include Resolution, INRCOG Letter & DNR Letter. |

III. Public Participation: *101.13(2) "c"*

3.1 Public Input Strategies

Public Meetings

Public participation and input is and always has been, welcomed at the regular meetings of the Black Hawk County Solid Waste Management Commission (hereafter referred to as BHCSWMC), the Bremer County Board of Supervisors, the Buchanan County Sanitary Landfill Commission, and the Fayette County Solid Waste Management Commission. Meeting notices are published in area newspapers.

The 7th Revision INRCOG Comprehensive Solid Waste Management Plan (2016) is archived on the INRCOG website under the Environment section of the publications page for the public to review

(http://www.inrcog.org/pdf/Solid_Waste_Comp_Plan_seventh_revision.pdf).

Websites/Social Media

Commission Websites and Social Media have been created in Black Hawk County and Fayette County that provide considerable information to the public, as well as informing the public of educational opportunities, resources available, and public meetings.

- Black Hawk County Solid Waste Management Commission/Black Hawk County Landfill: <https://wastetrac.org/>
- Fayette County:
Recycling Center: <https://fayettecounty.iowa.gov/departments/recycling-center/>
Transfer Station: <https://fayettecounty.iowa.gov/departments/transfer-station/>

City Websites/Social Media:

Since the last plan many of the cities have updated sanitation/recycling pages of websites and developed Facebook pages that provide additional information regarding waste disposal, yard waste education, household hazardous materials, bulk item pickup, and recycling opportunities/tips.

Private Recycling Services/Outreach:

Many of the companies that provide curbside recycling or recycling roll-offs to the cities have recycling information on their websites or Facebook pages for citizens.

Blue Bin Recycling: <https://www.bluebinrecycling.com/home>

Black Hawk Waste Disposal: <https://blackhawkwaste.com/>

Cedar Valley Recycling & Transfer: <https://www.facebook.com/Cedar-Valley-Recycling-Transfer-1152788228094053/>

Jendro Sanitation: <https://jendrosanitation.com/>

Kluesner Construction: <https://www.kluesnerconstruction.com/home>

Republic Services: <https://www.republicservices.com/>

Rite Environmental: <https://riteenvironmental.com/>

Thomas James: <https://www.facebook.com/Thomas-James-LLC-112043910380588/>

Waste Management: <https://www.wm.com/>

Flyers/Mailings

In addition, numerous educational programs and mailings/newsletters have been used to continue to educate and encourage participation in actions that will reduce the amount of waste ultimately to be deposited in the landfill.

City Solid Waste Survey

As part of the planning process, cities were sent a Solid Waste Survey on 3/4/2022. Twenty-seven cities returned the survey. Below is a compilation of the survey:

1. What is the most important issue in regard to solid waste in your community?

- 3- Contamination/Proper recycling (what is accepted/not accepted)
- 2- Illegal dumping at recycling stations and/or yard waste
- 2- Cost and Convenience
- 1- Matching right size garbage cart for citizen needs to eliminate overfilled containers
- 1- Letting residents know we have a transfer station in town and educating residents on the types of waste accepted at transfer station
- 1- Improving recycling education
- 1- Residents using burn barrels within city limits
- 1- Small communities have little resources to manage solid waste or for recycling facilities and equipment. Regional recycling is one way to address this but requires investment in facilities
- 1- Grants or low-interest loans for improving recycling facilities
- 1- To continue to maintain affordable, dependable collection
- 1- How to manage Styrofoam
- 1- Educating new residents about recycling

2. List all of the ways your city actively encourages recycling.

- 7- Offer location for Roll-off Recycling bins
- 7- Provide curbside recycling
- 6- Information in city newsletter
- 3- Encourage recycling on Social Media Sites: Facebook, Twitter
- 2- City recycling center
- 2- Tours for children at recycling center
- 2- Distribute recycling information to new residents
- 2- City Clean-up Day
- 1- Include solid waste, recycling, yard waste, HHM info in quarterly magazine style newsletter
- 1- Share recycling videos created by solid waste commission with youth groups and schools
- 1- Press releases to newspapers and other agency websites
- 1- Recycling dumpsters available for businesses, central recycling site
- 1- Promote recycling on city website

- 3. What does your city and/or education partners do to actively encourage residents to do backyard composting?**
- 14- We don't promote backyard composting currently
 - 1- Promote home composting on city website
 - 1- City cable news slides on backyard composting
 - 1- Include information about composting in city newsletter
- 4. List all of the ways your city and/or education partners encourage the proper management of household appliances, tires, waste oil, and electronics.**
- 7- City hosts a Clean-up day for appliances and bulk items
 - 4- Share information on city social media and website
 - 2- Flyer/information inserted in city newsletter
 - 2- Information is included in utility billings
 - 2- Flyers are posted at City Hall
 - 1- Appliances, Tires, electronics, motor oil are accepted at our transfer station
 - 1- Educational tours of recycling center and transfer station
 - 1- Special collection days and HHM days are advertised in local newspapers
 - 1- Special Collection Week each spring (curbside pick-up fee is waived)
 - 1- Annual press release about materials outside regular municipal recycling
 - 1- Share electronics recycling content from commission with residents
 - 1- Appliance pickup is available from hauler the city has contact with
 - 1- Refer citizens to the local scrap metal company
 - 1- The City works with a private hauler to recycle appliances and tires
 - 1- Reduced fee curbside during city clean-up days
 - 1- Provide names of alternative locations for recycling electronics and tires
 - 1- Accept waste oil at no charge
 - 1- Annual amnesty day for metal, tires, electronics provided to our residents
- 5. What does your city and/or education partners do to actively encourage the proper management of Household Hazardous Materials?**
- 4- Share HHM event content from commission with residents (paper copies and social media)
 - 4- share event notices/press releases when commission sponsors a HHM event
 - 2- Partner with solid waste commission to offer a drop-off event where residents can bring their household hazardous waste items for disposal
 - 2- Promote RCC to citizens (city website)
 - 1- flyer/article about HHM's and RCC in city quarterly newsletter
 - 1- Help promote Hazardous Household Waste Event in monthly city newsletter
 - 1- Information posted at City Hall
 - 1- Informational flyer on household hazardous materials provided to new residents at Public Services facility
 - 1- Ads in local newspaper
 -

6. What current solid waste programs/campaigns are effective in your city?

- 2- Weekly garbage pick-up
- 2- Recycling roll-off bins
- 2- City Clean-up Day
- 1- Recycling drop-off bins and recycling center are extremely popular and well used
- 1- Styrofoam recycling and densifying
- 1- Transfer station is a heavily used facility
- 1- Shingle recycling program
- 1- Offer trash receptacles downtown (managed and picked up by city staff)
- 1- Reduced bulk sticker options
- 1- Annual HHM clean-up event
- 1- Dependable/reliable curbside service
- 1- Recycling of E-waste such as computers, printers, etc.

7. Has there been appreciable growth in the industrial sector in your city in the last 5 years?

- 16- No
- 3- Some (Cedar Falls, Oelwein, Independence)

8. What solid waste programs would you like to see implemented in the INRCOG solid waste comprehensive planning area?

- 1- More educational outreach
- 1- Implement a household hazardous waste collection facility
- 1- Composting of food waste
- 1- A permanent location for hazardous waste and tires
- 1- More recycling of hazardous waste including old paint
- 1- Establishment of Regional Recycling Authorities to bring together recyclable materials from small towns. Funding opportunities for small communities to build recycling facilities that allow easy collection and transportation to a regional site
- 1- More emphasis on Reduce and Reuse (How to reduce "junk mail", tips for buying second hand, etc.)
- 1- CRT recycling. Our current e-cycling company will take newer televisions with digital screens, but not older televisions
- 1- Compost facility for grass clippings and leaves
- 1- More educational programs on backyard composting
- 1- Curbside recycling

A. What new (or modified) solid waste programs or services would you like to see implemented in your city?

- 2- Curbside recycling
- 2- Glass recycling
- 1- More education on proper recycling (what is accepted/not allowed)

- 1- More code enforcement of illegal dumping, especially at recycling drop-off sites
- 1- New yard waste location to allow for burning of yard waste
- 1- Composting of food waste
- 1- Litter education
- 1- Join existing recycling authorities
- 1- Location for motor oil recycling and tire recycling in our community

B. What assistance may your city need to establish these programs?

- 3- Funding
- 1- Assistance with website design
- 1- Innovation
- 1- Funding for land purchase/development of new yard waste site
- 1- Funding assistance to build appropriate recycling collection facility and supporting equipment to transport to regional site
- 1- Examples of successful programs/best management practices
- 1- Program awareness and assistance with educating the public about littering
- 1- Program materials

9. Does your city host a special Clean-up Day at the curb or host an event? (for collection of items such as furniture, carpet, appliances, etc.)

- 16- Yes
- 5- No

10. Does your city provide litter education and/or equipment/supplies/disposal for citizens to do organized litter clean-up projects in neighborhoods, along streets, downtown, business district, parks, area lakes/rivers?

- 5- Yes
 - 1- Litter collection bags are available for community cleanup events. Groups are asked to contact the public works department and let us know what area is going to be serviced and arrange pick up of materials. We have assisted the IDNR in the Cedar River cleanup over the years as well as assisting the local state park with refuse service
 - 4- If groups express interest, the city provides resources
 - Pet waste stations have been installed along recreational trails
- 14- No

3.2 Public Hearings/Meetings Held for Plan Development

The first meeting for the development of this plan was held on December 15, 2021. This meeting was held in conjunction with a general Solid Waste Informational meeting. Presentations were given by Republic Services, BHCSWMC, and Iowa Waste Exchange. See attached minutes for details (Exhibit 19).

A second meeting (with public notice) was held on April 5, 2022. Presentations were given on ReStore and Sustainable Materials Management and a formal goal-setting session was held. Discussion included solid waste diversion activities and recycling projects in the INRCOG Planning Area. The agenda for this meeting was posted prior to the meeting date for public viewing and published in the Waterloo-Cedar Falls Courier. See attached minutes (Exhibit 20), attendance sheet (Exhibit 21), and Proof of Publication (Exhibit 22).

3.3 Public Review Meetings

The third meeting (with public notice) was held on August 17, 2022. In addition, a meeting notice was sent out to each of the cities and counties in the Planning Area and also posted for public viewing. The primary purpose of this meeting was to give the public and all the Comp Plan members an opportunity to review and comment on the draft before the plan was finalized. The agenda for this meeting was posted prior to the meeting date for public viewing and published in the Waterloo-Cedar Falls Courier. See attached minutes (Exhibit 23), attendance sheet (Exhibit 24), and Proof of Publication (Exhibit 25)

IV. Baseline Waste Stream Report: *101.13(2)"d"*

Information is generated and computed by the Department of Natural Resources.

Current Disposal Reduction (Percentage): 44.12%

On 5/31/2022, DNR calculated the Planning Area's diversion rate as 45.83% using FY2021 tonnage data. However, this rate was incomplete because it only included waste disposed of at Black Hawk County Landfill. The Plan Update includes data, most recently for calendar year 2022, for waste disposed of out of state.

On 9/29/2022, DNR recalculated the PA's diversion rate as 44.12%.

*See Table on Page 11. Also included as Exhibit 27 and 28.

For reference the 7th Round (FY2015) diversion rate was 51.53%.

Waste Management (Transfer Station in Independence) provided tonnage information for the Planning Area for Calendar Years 2016- 2020 (see page 14 of the comprehensive plan update). Waste Management Transfer Station tonnages are reported to Iowa DNR on a quarterly basis. From January 2016 to the Summer of 2022 Waste Management hauled materials out of state. Starting Summer 2022 Waste Management began hauling Independence Transfer Station waste to the Black Hawk County Landfill.

BASE-YEAR ADJUSTMENT METHOD REPORT TABLE

NAME OF PLANNING AREA: Iowa Northland Regional Council of Governments

CURRENT YEAR (CY): FY2021 FINAL 09-29-2022

BASE YEAR: FY1988

| FACTORS | Black Hawk | Bremer | Buchanan | Grundy | Fayette | TOTAL | Notes |
|---|-----------------|---------------|---------------|--------------|---------------|-----------------|---------------------------------|
| <i>STEP 1: Basic Information</i> | | | | | | | |
| 1 Base Year Residential Waste Disposal | 67,628.00 | 10,039.00 | 5,648.10 | 2,175.38 | 11,618.03 | 97,109.4 | A |
| 2 Base Year Commercial/Industrial Waste Disposal | 173,125.00 | 8,653.00 | 8,959.74 | 1,954.62 | 6,151.97 | 198,844.4 | B |
| 3 Base Year Total Waste Disposal | 240,753.00 | 18,692.00 | 14,607.84 | 4,130.00 | 17,770.00 | 295,994.4 | From realignment |
| 4 CY Waste Disposal | | | | | | 189,904.4 | G |
| 5 Base Year Population | 122,450 | 22,520 | 20,928 | 5,432 | 22,410 | 193,740.0 | C |
| 6 CY Population | 131,144 | 24,988 | 20,565 | 6,051 | 19,509 | 202,257.0 | H |
| 7 Base Year Employment | 55,010.00 | 7,500.00 | 4,743.00 | 1,235.00 | 6,310.00 | 74,798.00 | D |
| 8 CY Employment | 66,540.82 | 12,678.60 | 6,441.75 | 3,070.20 | 7,174.50 | 95,905.87 | I |
| 9 Base Year Taxable Sales | \$759,496,544 | \$93,092,488 | \$74,475,662 | \$28,470,667 | \$96,738,937 | \$1,052,294,298 | E |
| 10 CY Taxable Sales | \$1,947,030,946 | \$213,919,468 | \$177,540,879 | \$51,423,257 | \$132,422,708 | \$2,522,337,258 | J |
| 11 Base Year Consumer Price Index | 115.8417 | 115.8417 | 115.8417 | 115.8417 | 115.8417 | 115.8417 | F |
| 12 CY Consumer Price Index | | | | | | 263.1507 | K, FY2021 |
| <i>STEP 2: CY Taxable Sales Corrected for Inflation</i> | | | | | | | |
| 13 Inflation Correction Factor | | | | | | 0.4402105 | F/K |
| 14 CY Corrected Taxable Sales | | | | | | \$1,110,359,334 | J*(F/K) |
| <i>STEP 3: Base Year and Current Year Ratios</i> | | | | | | | |
| 15 Population Ratio (PR) | | | | | | 1.0439610 | H/C |
| 16 Employment Ratio (ER) | | | | | | 1.2821983 | I/D |
| 17 Taxable Sales Ratio (TR) | | | | | | 1.0551795 | (J*F/K)/E |
| <i>STEP 4: Adjustment Factors</i> | | | | | | | |
| 18 Base Year Commercial/Industrial Adjustment Factor | | | | | | 1.1686889 | Average of Lines 16 & 17 |
| 19 Base Year Residential Adjustment Factor | | | | | | 1.1063249 | Average of Lines 15 & 18 |
| <i>STEP 5: Adjusted Base Year Disposal Tonnages</i> | | | | | | | |
| 20 Base Year Adjusted Residential Waste Disposal | | | | | | 107,434.4 | A * Line 19 |
| 21 Base Year Adjusted Commercial/Industrial Waste Disposal | | | | | | 232,387.0 | B * Line 18 |
| 22 Base Year Adjusted Total Waste Disposal | | | | | | 339,821.4 | |
| <i>STEP 6: Goal Progress and Reduction Percentage Results</i> | | | | | | | |
| 23 CY Waste Disposal (from line #4) | | | | | | 189,904.4 | G |
| 24 Maximum Allowable Disposal to Attain 25 Percent Goal | | | | | | 254,866.0 | Line 22*0.75 |
| 25 Actual Tonnage Over (or Under) 25 Percent Goal | | | | | | -64,961.6 | Line 23 minus Line 24 |
| 26 Maximum Allowable Disposal to Attain 50 Percent Goal | | | | | | 169,910.0 | Line 22*0.5 |
| 27 Actual Tonnage Over (or Under) 50 Percent Goal | | | | | | 19,993.4 | Line 23 minus Line 26 |
| 28 CURRENT DISPOSAL REDUCTION (PERCENTAGE) | | | | | | 44.12% | (Line 22 minus Line 23)/Line 22 |

V. Changes in Area Demographics: 101.13(2)“e”

Population changes in the INRCOG Planning Area since the Seventh Revision are minimal and do not have any significant impact on solid waste collection, based upon the most current population information available at the time of this update. In addition, employment and industrial production since the seventh Revision may have decreased slightly due to economic conditions. The changes to the solid waste stream have been minimal and are believed to have had little impact on the waste stream in the region.

VI. Current Waste Composition and Generation: 101.13(2)“f”

6.1 Changes in Waste Generation since the Last Approved Plan.

There does not appear to be any significant change in the amount of waste generated since the prior Comp Plan was approved. The average tonnage that the Black Hawk County Landfill has taken in since the last Comp Plan has increased slightly (additional 7 tons per year). The table below shows the gross tonnage of solid waste disposed of at the Black Hawk County Landfill and tonnage from previous plan (2011-2015) for comparison).

Black Hawk County Landfill:

| Fiscal Year | Tons |
|------------------|---------|
| 2016 | 169,136 |
| 2017 | 175,816 |
| 2018 | 192,894 |
| 2019 | 181,922 |
| 2020 | 181,193 |
| Average per Year | 180,192 |

Table MSW 1

| Fiscal Year | Tons |
|------------------|------------|
| 2011 | 174,772.23 |
| 2012 | 171,113.56 |
| 2013 | 172,263.55 |
| 2014 | 180,674.08 |
| 2015 | 166,314.52 |
| Average per Year | 173,027 |

Table MSW 2

Beginning January 2, 2010, all waste generated in Fayette County was taken to the Fayette County Transfer Station and then trucked to the Black Hawk County Landfill.

Fayette County Transfer Station:

| Calendar Year | Tons |
|------------------|-----------|
| 2016 | 9,436.86 |
| 2017 | 10,057.25 |
| 2018 | 10,316.32 |
| 2019 | 9,798.94 |
| 2020 | 9,362.09 |
| Average per Year | 9,794.29 |

Table MSW 3

| Calendar Year | Tons |
|--------------------------|-----------|
| 2011 | 10,288.34 |
| 2012 | 9,437.84 |
| 2013 | 9,139.97 |
| 2014 | 10,047.10 |
| 2015 (January 1-June 30) | 4,433.40 |

Table MSW 4

The City of Cedar Falls operates their own permitted transfer station to handle the waste picked up within Cedar Falls. It is loaded into trailers and hauled to the Black Hawk Landfill for final disposal. The tonnage is reflected below.

The City of Cedar Falls Transfer Station:

| Calendar Year | Tons |
|------------------|-----------|
| 2016 | 11,908.78 |
| 2017 | 12,380.89 |
| 2018 | 11,882.34 |
| 2019 | 12,242.69 |
| 2020 | 12,360.01 |
| Average per Year | 12,154.94 |

Table MSW 4

| Calendar Year | Tons |
|------------------|-----------|
| 2011 | 13,019.76 |
| 2012 | 11,977.49 |
| 2013 | 12,109.00 |
| 2014 | 12,564.83 |
| 2015 | 12,214.18 |
| Average per Year | 12,377.05 |

Table MSW 5

Waste Management of Iowa, Inc collects a significant amount of solid waste generated in Black Hawk, Bremer and Buchanan County. The waste they collect in Black Hawk and Bremer Counties are disposed of at the Black Hawk County Landfill. The waste collected in Buchanan County is hauled to the transfer station in Independence before being hauled out of state to the Prairie Hill Landfill near Morrison, Illinois for final disposal.

Figures below show that the following amounts were collected within the Planning Area but shipped out of state during the years of 2016- 2020. However, starting in the summer of 2022, WM started to haul loads from the Independence Transfer Station directly to the Black Hawk County Landfill.

Waste Management Transfer Station in Independence:

| Calendar Year | Tons |
|------------------|----------|
| 2016 | 6,930.63 |
| 2017 | 7,238.06 |
| 2018 | 6,857.46 |
| 2019 | 6,395.28 |
| 2020 | 6,304.47 |
| Average per Year | 6,789.83 |

Table MSW 6

| Calendar Year | Tons |
|--------------------------|----------|
| 2011 | 8,211.26 |
| 2012 | 7,801.35 |
| 2013 | 8,144.29 |
| 2014 | 7,779.39 |
| 2015 (January 1-June 30) | 3,361.95 |

Table MSW 7

A smaller amount of waste comes from one of the recycling sorting facilities in the area. Black Hawk Waste Disposal Co. and Cedar Valley Recycling and Transfer in Waterloo collect and sort commingled recycling. They end up with several tons of garbage that gets pulled out of the recyclables. This garbage is sent to their permitted transfer station later to be taken to the Black Hawk County Landfill for final disposal.

Black Hawk Waste Disposal Co. and Cedar Valley Recycling and Transfer:

| Calendar Year | Tons |
|------------------|---------|
| 2016 | 522.80 |
| 2017 | 550.26 |
| 2018 | 629.09 |
| 2019 | 928.30 |
| 2020 | 1175.17 |
| Average per Year | 761.12 |

Table MSW 8

| Calendar Year | Tons |
|--------------------------|----------|
| 2011 | 2,316.06 |
| 2012 | 839.34 |
| 2013 | 716.54 |
| 2014 | 993.45 |
| 2015 (January 1-June 30) | 626.76 |

Table MSW 9

6.2 Changes in Waste Composition since the Last Approved Plan.

A review of available data reveals no significant change in the composition of the solid waste being generated. Both population numbers and industrial and business output have remained fairly constant. Although new businesses have located within the Planning Area, none of the additions have created unusual or significant steady amounts of waste.

6.3 Effects of Anticipated Planning Area Modifications.

INRCOG does not anticipate any changes or modifications to the Planning Area.

VII. Existing Integrated Solid Waste Management Report: *101.13(2)“g”*

7.1 Provide a description of new and evolving strategies, efforts, and programs implemented with the planning area to:

*See Table VEN1 for a list of Materials and Collection Sites

1. Increase public awareness about proper recycling and disposal options for motor oil and lead acid batteries.

***Motor oil:** Motor oil can be recycled at many service stations, car dealerships, farm stores, and local repair shops. There are businesses in each county that accept waste oil for recycling in addition to the Cedar Falls Transfer Station and several of the RCC's. Print materials and member websites promote motor oil recycling.

***Batteries:** Most of the Regional Collection Centers (RCC) or HHM drop off events in the Planning area will accept lead acid and rechargeable household batteries. The public is encouraged to leave the old lead acid batteries with the retailer when they buy a replacement. Many local retailers and municipalities participate in the Call2Recycle program for rechargeable batteries. BHCSWMC hands out flyers at the HHM drop-off events that address battery recycling. This is also posted on the BHCSWMC website.

2. Encourage residents of the planning area to dispose of household appliances properly.

***Household Appliances:** Most of the cities in the planning area will accept household appliances for a fee, have bulk item pickup, work with an area appliance recycler or have a city-wide clean-up day. The Black Hawk County Landfill, Cedar Falls Transfer Station, Fayette County Transfer Station, and the Waste Management Transfer Station in Buchanan County accept appliances for a fee. Several area permitted private scrap metal recycling businesses accept appliances for a fee. Residents are encouraged to recycle their appliances through print materials and information on member websites.

3. Encourage tire stewardship and proper tire recycling and disposal.

***Tires:** The public is encouraged to pay the disposal fee at the tire retailer to have the tires recycled. The Black Hawk County Landfill and some of the transfer stations will also take them for a fee. Residents are encouraged to recycle their tires through print materials and information on member websites/city newsletters. Most of the tires are recycled by Liberty Tire.

4. Encourage backyard composting and proper management of yard waste.

***Backyard Composting:** Educational resources are available through Waste Trac and on-line for residents to learn how to compost properly. Presentations and workshops are held upon request. Partners have included area libraries, breweries, and AmeriCorps groups.

***Yard Waste:** Member waste facilities encourage proper yard waste management through websites and direct customer contact. Residents within the planning area are encouraged to compost yard waste in their own backyard. Most cities offer a yard waste and tree trimming drop off site for the purpose of composting or burning and advertise these services through their websites and city newsletters.

5. Encourage residents of the planning area to properly manage household hazardous materials (HHM's).

***Household Hazardous Materials:** Residents in the planning area are either serviced by a Regional Collection Center or provided a Toxic Clean-up Day. Though the tonnage is not significant, removing household hazardous materials from landfills significantly reduces toxicity. Materials in these programs are recycled, reused or properly disposed. Event flyers, Newspaper articles, Facebook pages and websites are all strategies used to promote the household hazardous programs in the planning area.

Regional Collection Centers:

Bremer County, Buchanan County, and Grundy County are all served by Regional Collection Centers (RCC) drop-off sites for Household Hazardous Materials (HHM), either open by appointment or posted hours.

HHM Events:

Fayette County:

Fayette County Solid Waste Management Commission has an annual HHM Clean Up event every fall on the first Saturday of October. They contract with Clinton County to haul the waste to a hazardous waste recycler.

Black Hawk County:

Black Hawk County and its municipalities, through the BHCSWMC, have chosen to address the HHM issues through two annual drop-off events. Each event provides an opportunity for any Black Hawk County resident to dispose of their

household hazardous materials and recycle their electronics. The cost to dispose of the waste at these events is paid for by the BHCSWMC.

Vehicles dropping off HHM or electronics at this event are given a handout instructing the proper methods for disposing of paint and a list of local options for disposing of oil, batteries, and appliances. Public awareness of the campaign is achieved through billboard, internet, cable access, and print media. This has turned into a well-received and effective method of dealing with the disposal of HHM and electronics.

All of these counties and/or cities provide a location and education for the proper disposal of tires, lead acid batteries, motor oil, e-waste, and appliances. (See Table VEN1)

6. Provide for the separation of glass, paper, plastic, and metal.

Cities within the planning area were sent a Survey on March 4, 2022, for their clerks or public works staff to complete and return. The following charts indicate what types of recycling programs are in the planning area and the types of materials that are accepted for recycling.

Recycling Opportunities in the INRCOG Solid Waste Planning Area

| Service Area | Recycling Program Type | Newsprint | Office Paper | Magazines | Chipboard | Cardboard (OCC) | Glass | Plastics | Tin Cans / Metals | Aluminum |
|--------------------------|------------------------------|-----------|--------------|-----------|-----------|-----------------|---------|----------|-------------------|----------|
| Black Hawk County | | | | | | | | | | |
| Cedar Falls | Recycling Center & Roll-offs | + | + | + | + | + | + | + | + | + |
| Dunkerton | Cardboard only | No | No | No | No | + | No | No | No | No |
| Elk Run Heights | Curbside & Roll-off | + | + | + | + | + | No | 1-7 | + | + |
| Evansdale | Curbside | + | + | + | + | + | No | 1-7 | + | + |
| Gilbertville | Curbside | + | + | + | + | + | + | + | + | + |
| Hudson | Curbside & Recycling Bins | + | + | + | + | + | No | 1, 2, 5 | + | + |
| La Porte City | Curbside | + | + | + | + | + | + | 1-7 | + | + |
| Raymond | Curbside | + | + | + | + | + | + | 1-7 | + | + |
| Waterloo | Curbside & Roll-offs | + | + | + | + | + | RO only | 1-7 | + | + |

| Service Area | Recycling Program Type | Newsprint | Office Paper | Magazines | Chipboard | Cardboard (OCC) | Glass | Plastics | Tin Cans / Metals | Aluminum |
|----------------------|-----------------------------|-----------|--------------|-----------|-----------|-----------------|-------|----------|-------------------|----------|
| Bremer County | | | | | | | | | | |
| Denver | Curbside | + | + | + | + | + | No | 1-5, 7 | + | + |
| Frederika | Roll-off | + | + | + | + | + | + | 1-7 | + | + |
| Janesville | Curbside | + | + | + | + | + | + | 1-7 | + | + |
| Plainfield | Curbside | + | + | + | + | + | + | 1-5, 7 | + | + |
| Readlyn | Recycling Center | + | + | + | + | + | No | 1-5,7 | + | + |
| Sumner | Recycling Center | + | + | + | + | + | No | 1-5, 7 | + | + |
| Tripoli | Recycling Center | + | + | + | + | + | No | 1-5, 7 | + | + |
| Waverly | Recycling Center & Curbside | + | + | + | + | + | + | 1-5, 7 | + | + |

| Service Area | Recycling Program Type | Newsprint | Office Paper | Magazines | Chipboard | Cardboard (OCC) | Glass | Plastics | Tin Cans / Metals | Aluminum |
|------------------------|------------------------|-----------|--------------|-----------|-----------|-----------------|-------|----------|-------------------|----------|
| Buchanan County | | | | | | | | | | |
| Aurora | Curbside | + | + | + | + | + | + | 1-7 | + | + |
| Brandon | Curbside | + | + | + | + | + | + | 1-7 | + | + |
| Fairbank | Curbside | + | + | + | + | + | + | 1-7 | + | + |
| Hazleton | Curbside | + | + | + | + | + | No | 1-7 | + | + |
| Independence | Curbside | + | + | + | + | + | + | 1-7 | + | + |
| Jesup | Drop-off | + | + | + | + | + | No | 1-7 | + | + |
| Lamont | Curbside | + | + | + | + | + | No | 1-7 | + | + |
| Quasqueton | Curbside | + | + | + | + | + | + | 1-7 | + | + |
| Rowley | Curbside | + | + | + | + | + | + | 1-7 | + | + |
| Stanley | Roll-off | + | + | + | + | + | + | 1-7 | + | + |
| Winthrop | Curbside | + | + | + | + | + | + | 1-7 | + | + |

- Recycling Drop-off at Waste Management Transfer Station available to residents as well.

| Service Area | Recycling Program Type | Newsprint | Office Paper | Magazines | Chipboard | Cardboard (OCC) | Glass | Plastics | Tin Cans / Metals | Aluminum |
|-----------------------|------------------------|-----------|--------------|-----------|-----------|-----------------|-------|----------|-------------------|----------|
| Fayette County | | | | | | | | | | |
| Arlington | Roll-off | + | + | + | + | + | No | 1-7 | + | + |
| Clermont | Roll-off | + | + | + | + | + | No | 1-7 | + | + |
| Elgin | Roll-off | + | + | + | + | + | No | 1-7 | + | + |
| Fayette | Roll-off | + | + | + | + | + | No | 1-7 | + | + |
| Hawkeye | Roll-off | + | + | + | + | + | No | 1-7 | + | + |
| Maynard | Roll-off | + | + | + | + | + | No | 1-7 | + | + |
| Oelwein | Curbside Roll-off | + | + | + | + | + | No | 1-7 | + | + |
| Randalia | Roll-off | + | + | + | + | + | No | 1-7 | + | + |
| St. Lucas | Roll-off | + | + | + | + | + | No | 1-7 | + | + |
| Wadena | Roll-off | + | + | + | + | + | No | 1-7 | + | + |
| Waucoma | Roll-off | + | + | + | + | + | No | 1-7 | + | + |
| Westgate | Roll-off | + | + | + | + | + | No | 1-7 | + | + |
| West Union | Roll-off | + | + | + | + | + | No | 1-7 | + | + |

- Recycling Drop-off at Fayette County Recycling Center available to residents as well.

| Service Area | Recycling Program Type | Newsprint | Office Paper | Magazines | Chipboard | Cardboard (OCC) | Glass | Plastics | Tin Cans / Metals | Aluminum |
|----------------------|------------------------|-----------|--------------|-----------|-----------|-----------------|-------|----------|-------------------|----------|
| Grundy County | | | | | | | | | | |
| Dike | Curbside & Roll-off | + | + | + | + | + | + | 1-7 | + | + |
| Grundy Center | Curbside | + | + | + | + | + | No | 1-7 | + | + |
| Morrison | Roll-off | + | + | + | + | + | + | 1-7 | + | + |
| Reinbeck | Curbside & Roll-off | + | + | + | + | + | + | 1-7 | + | + |
| Stout | Recycling Center | + | + | + | + | + | + | 1-7 | + | + |

1- **Glass, Paper, Plastic, Metal, Recycling:** Recycling is offered in several different ways. Many cities in the planning area have a curbside recycling option for their citizens. Some cities have both curbside and drop-off bins. Several cities have recycling centers for drop off of materials.

Waste Management: Buchanan County residents have access to drop-off recycling in Independence at the Waste Management Facility. Waste Management also contractually handles the curbside recycling for 5 of the cities within Buchanan County.

Waste Management Inc. totals from Independence Transfer Station:

| Calendar Year | Tons |
|------------------|--------|
| 2016 | 530.56 |
| 2017 | 796.30 |
| 2018 | 641.25 |
| 2019 | 686.84 |
| 2020 | 623.96 |
| Average per Year | 655.78 |

Table REC 1

| Calendar Year | Tons |
|--------------------------|--------|
| 2011 | 547.12 |
| 2012 | 624.39 |
| 2013 | 713.41 |
| 2014 | 789.89 |
| 2015 (January 1-June 30) | 515.64 |

Table REC 2

Cedar Valley Recycling and Transfer Co.:

Cedar Valley Recycling and Transfer Co., located in Waterloo, handles some municipal and commercial recycling in the area. The following shows amounts of recycled materials sorted at their facility:

Cedar Valley Recycling and Transfer Co.:

| Calendar Year | Tons |
|------------------|----------|
| 2016 | 5,993.63 |
| 2017 | 5,896.97 |
| 2018 | 6,305.18 |
| 2019 | 6,973.73 |
| 2020 | 5,718.36 |
| Average per Year | 6,177.57 |

Table REC 3

| Calendar Year | Tons |
|--------------------------|----------|
| 2011 | 8,441.82 |
| 2012 | 9,018.41 |
| 2013 | 8,557.65 |
| 2014 | 9,259.70 |
| 2015 (January 1-June 30) | 4,655.38 |

Table REC 4

City of Cedar Falls:

The City of Cedar Falls contracts with Republic Services (formerly City Carton Recycling) to handle their recyclable materials. Following chart is for commodities only. Recyclables are collected in roll-offs throughout the city, as well as materials brought to the Recycling Center.

City of Cedar Falls:

| Fiscal Year | Tons |
|------------------|----------|
| 2016 | 1,681.66 |
| 2017 | 2,024.42 |
| 2018 | 2,189.00 |
| 2019 | 1,947.67 |
| 2020 | 2,080.03 |
| Average per Year | 1,984.55 |

Table REC 5

| Fiscal Year | Tons |
|------------------|----------|
| 2011 | 1,813.83 |
| 2012 | 1,724.97 |
| 2013 | 1,702.21 |
| 2014 | 1,656.32 |
| 2015 | 1,613.40 |
| Average per Year | 1,702.15 |

Table REC 6

EBRRA:

The Cities of Readlyn, Sumner, and Tripoli have joined together to create the East Bremer Regional Recycling Authority (EBRRA). Each city provides drop off locations and then hauls the material to Sumner for baling. Website:

<https://www.ebrra.net/home.html>

EBRRA:

| Calendar Year | Tons |
|------------------|--------|
| 2016 | 342.74 |
| 2017 | 258.86 |
| 2018 | 293.78 |
| 2019 | 342.74 |
| 2020 | 416.42 |
| Average per Year | 330.91 |

Table REC 7

| Calendar Year | Tons |
|---------------|----------------------------|
| 2011 | 352.10 |
| 2012 | 311.96 |
| 2013 | 322.62 |
| 2014 | Unavailable due to fire |
| 2015 | Unavailable |

Table REC 8

Fayette County Recycling Center:

The Fayette County Recycling Center handles all the recycling from the cities and rural areas in Fayette County. Fayette County provides recycling drop-off bins for Oelwein, but Oelwein also contracts with Black Hawk Waste Disposal for curbside recycling for its residents. (The City of Oelwein recycles around 216 tons per year).

Fayette County Recycling Center:

| Calendar Year | Tons |
|------------------|----------|
| 2016 | 1,561.35 |
| 2017 | 1,406.24 |
| 2018 | 1,349.33 |
| 2019 | 961.53 |
| 2020 | 1,031.41 |
| Average per Year | 1,261.97 |

Table REC 9

EVERY Resident does not have access to the separation of glass, paper, plastic, and metal within their community, but do have access within the planning area (although transportation is a challenge). Residents in Dunkerton are provided with access to cardboard recycling but must seek out recycling opportunities in nearby city drop-off boxes or the Cedar Falls Recycling Center for the other commodities. Residents in Tripoli, Readlyn, Sumner (recycle through EBRRA) and residents within Fayette County (excluding Oelwein which has curbside recycling) do not have access to glass recycling within their communities, but could access the Cedar Falls Recycling Center, which is open to members of the planning area.

Proposed Measures to Correct the Gaps:

The BHCSWMC may look at their policies and consider withholding grant monies to communities that do not provide for the collection of glass, paper, plastic and metal.

INRCOG solid waste task force may work with EBRRA & Fayette County Recycling to see if something can be arranged with glass recyclers such as SMI (formerly Ripple Glass) to collect glass in the communities that are not accepting glass in their recycling programs at this time. Budgets are tight, so grant programs such as SWAP may be pursued to purchase roll-off containers or create glass bunkers.

7.2 Provide a list of collectors/recyclers used by the permitted municipal solid waste sanitary disposal project(s) for the proper management of tires/household appliances, etc.: 101.13(2)"g"(2)

| Diverted Material(s) | Collection Site(s) | Destination Facility | Management Method |
|-------------------------------|-------------------------------------|-----------------------------|--------------------------|
| Appliances | Black Hawk Co Landfill | Weikert Iron & Metals | Recycled |
| Electronics | BHSWMC Event | Midwest Electronic Recovery | Recycled |
| Fluorescent Bulbs | Black Hawk Co Landfill | A-Tec | Recycled |
| Household Hazardous Materials | BHCSWMC Event | Clean Harbors | Recycled |
| Lead-acid Batteries | BHCSWMC Event | A-Line Iron & Metal | Recycled |
| LP Tanks | BHCSWMC Event | A-Line Iron & Metal | Recycled |
| Scrap Metal | Black Hawk Co Landfill | Weikert Iron & Metals | Recycled |
| Tires | Black Hawk Co Landfill | Liberty Tire | Recycled |
| Yard Waste | Black Hawk Co Landfill | | Composted- Used on-site |
| Appliances | Cedar Falls Transfer Station (CFTS) | Weikert Iron & Metals | Recycled |
| Electronics | CFTS | Midwest Electronic Recovery | Recycled |
| Motor Oil | CFTS | Northland Oil | Recycled |
| Rechargeable Batteries | CFTS | Call2Recycle | Recycled |
| Scrap Metal | CFTS | Alters Metal | Recycled |
| Shingles | CFTS (7/14 to 6/22) | Aspro | Recycled |
| Tires | CFTS | Liberty Tire | Recycled |
| Yard Waste | CFTS | Hauled to BH Co Landfill | Composted |
| Appliances | Bremer Co CCC | Wilkins | Recycled |
| Household Hazardous Materials | Bremer Co RCC | Tradebe | Recycled |
| Lead-Acid Batteries | Bremer Co RCC | Wilkins | Recycled |
| Tires | Bremer Co CCC | Liberty Tire | Recycled |
| LP Tanks | Bremer Co RCC | Wilkins | Recycled |

| Diverted Material(s) | Collection Site(s) | Destination Facility | Management Method |
|-------------------------------|--|---|--------------------------|
| Appliances | Buchanan Co RCC | Schafer or Tournier's Recycling | Recycled |
| Household Hazardous Materials | Buchanan Co RCC | Tradebe | Recycled |
| Lead-acid Batteries | Buchanan Co RCC | Tournier's Recycling | Recycled |
| LP Tanks | Buchanan Co RCC | Tournier's Recycling | Recycled |
| Rechargeable Batteries | Buchanan Co RCC | Tournier's Recycling | Recycled |
| Scrap Metal | Buchanan Co RCC | Tournier's Recycling or Schaefer Iron & Metal | Recycled |
| Appliances | Waste Management Transfer Station-Independence | Tournier's Recycling or Schafer Iron & Metal | Recycled |
| Electronics | Waste Management Transfer Station-Independence | Midwest Electronics Recovery | Recycled |
| Scrap Metal | Waste Management Transfer Station-Independence | Tournier's Recycling or Schafer Iron & Metal | Recycled |
| Appliances | Fayette County Transfer Station | A-Line Iron & Metals | Recycled |
| E-waste | Fayette County Transfer Station | Midwest Electronic Recovery | Recycled |
| Lead Acid Batteries | Fayette County Transfer Station | A-Line Iron & Metals | Recycled |
| Household Hazardous Materials | Fayette County Transfer Station | Partner w/ Clinton Co. Solid Waste Agency | Recycled |
| Motor Oil | Fayette County Transfer Station | Cedar Falls Oil | Recycled |
| Scrap Metal | Fayette County Transfer Station | A-Line Iron & Metal | Recycled |
| Tires | Fayette County Transfer Station | Liberty Tire | Recycled |

Table VEN1

7.3 Provide a detailed narrative of all waste management programs implemented since the last approved comprehensive plan or comprehensive plan update that addresses all components of the state’s waste management hierarchy: 101.13(2)“g”(3)

Iowa Code 455B.301 Waste Management Hierarchy

- a. Volume reduction at the source
- b. Recycling and reuse
- c. Combustion with energy recovery
- d. Other approved techniques of solid waste management including but not limited to combustion for waste disposal and disposal in sanitary landfills

Since the last Comp Plan was approved there have been a few new waste diversion programs added, programs maintained, and markets lost.

New Waste Management Programs Implemented:

ReStore: Habitat for Humanity ReStore (4107 Hammond Ave., Waterloo):

In the fall of 2015 Iowa Heartland Habitat for Humanity began opening a ReStore in Waterloo. This program allows individuals, businesses, corporations, and contractors to donate new or used building material that can be resold. The proceeds from this store are used to fund Habitat for Humanity projects in the Cedar Valley.

This is the first full comprehensive plan where ReStore was in operation within the area. The store has increased donations from 2032 in 2016 to 7185 donations in 2020. Habitat has a formula for converting sales to “tons saved” from the landfill (Total sales x 1.2 pounds, divided by 2000= tons saved from the landfill). For years 2016-2020: \$2,536,391 in sales x 1.2 = 1,521 tons diverted from the landfill.

Anticipated impact: Participation and awareness of the program seem to be strong and growing. Donations are expected to be in the \$550,000 - \$800,000 range per year if current trends continue, increasing the amount of materials diverted from the landfill.

ReStore - Waterloo:

| Calendar Year | Donations | Sales | Estimated Tons |
|---------------|---------------|--------------------|--------------------|
| 2016 | 2032 | \$276,270 | 165.8 |
| 2017 | 6013 | \$477,740 | 286.6 |
| 2018 | 6655 | \$616,187 | 369.7 |
| 2019 | 7008 | \$602,594 | 361.6 |
| 2020 | 7185 | \$563,600 | 338.2 |
| Total: | 28,893 | \$2,536,391 | 1521.9 tons |

Programs Implemented or Maintained during 2016-2020:

Shingle Recycling Program - City of Cedar Falls

In 2014 Cedar Falls received funding from the DNR through the Solid Waste Alternative Program (SWAP) to install a concrete slab and concrete barriers to efficiently collect shingles from roofing projects and contractors. The shingles were ground and the city worked with a local paving company to use the ground shingles in their asphalt mix. A shingles specific brochure was created and information was placed on the city website (as well as a link on the BHCSWMC website). The tipping fee for shingles recycling was advertised within the city newsletter (Currents), as well as at the CF Transfer Station and on the city website. From July 2014 (inception) to June 30, 2022 a total of 3,866.26 tons of shingles were recycled through the program.

Glass Recycling - City of Cedar Falls

The City of Cedar Falls was awarded SWAP funding for facility modifications to accept mixed glass at the recycling center. Cedar Falls has been working with Ripple Glass since 2014 to recycle all types of colored and clear glass by the semi-load. They will accept bottles, jars, and plate glass. They do not accept mirrors, reinforced, porcelain, or auto glass. During the previous comprehensive plan (FY 2011- FY 2015) the city recycled 377.24 tons of glass over the five years. For the years FY 2016- FY 2020, the City of Cedar Falls increased glass recycling to 2,797.88 tons over the five years (Glass tonnages for each year: 221.80, 579.76, 685.95, 584.23, 716.14 tons).

Styrofoam Recycling - City of Cedar Falls

Cedar Falls has provided Styrofoam collection for its residents in roll-offs as well as at the recycling center. The polystyrene is densified to prepare it for market. The following amounts have been recycled: FY17: 8.6 tons, FY18: 9.56 tons, FY19: 8.92 tons, and FY20: 11.69 tons.

Recycling Program Modification - City of Waterloo

Starting December 1, 2019, the City of Waterloo had a major overhaul of their recycling and yard waste program. (In the past the same cart was used by Waterloo residents to collect curbside recycling and then another week the cart was used for yard waste. This method resulted in residents sometimes putting materials out on the wrong day and loads of recyclables that were contaminated with yard waste. In 12-2019 Waterloo contracted with Republic Services to provide new recycling bins to Waterloo residents who opted into curbside recycling and now offer every other week curbside recycling. The city used the previous carts to continue to pick up yard waste for customers who opted into the curbside yard waste program. (Recycling roll-offs throughout the city are also a recycling option for residents at 4 public locations).

Use of Fleet Management Software for Solid Waste - City of Waterloo

The City of Waterloo's Public Works Department is using *Routeware*, a fleet management software program to capture missed revenue, avoid as many costly returns, and boost productivity on the garbage routes. The Radio Frequency Identification Program (RDID Program) is operational for curbside garbage services-

RFID tags have been placed on municipal garbage carts. Waterloo's new system keeps track of every address for the driver, verifying if each garbage cart is serviced. This saves valuable staff time and resources. Drivers will no longer go back for carts put out late or filled a second time, dump unregistered carts, dump carts belonging to another address, and the system will know if RFID tags are damaged or tampered with. In addition, this new RFID system can detect if an address has the wrong cart, too many carts, carts not being paid for, carts at the wrong address, etc. The software uses GPS and photos to confirm that the driver made the collection or to show the reason collection was skipped. The software avoids costly returns to the same locations, helps the city cut carbon use, decreases time spent on resolving collection complaints, and can help with route optimization/efficiency.

Education/Outreach:

Some of the counties in the Planning Area have undertaken very active programs of recycling education by partnering with their county conservation boards. Educational programs focus on reaching students through the schools, scouting programs, summer schools, and some after-school programs. Adult classes and workshops are also held for teachers, churches, libraries, non-profit organizations, places of employment, or special interest groups.

The counties of Black Hawk, Bremer, Buchanan, and Fayette all included recycling and solid waste programs in their naturalist presentations during the last planning period.

Black Hawk County- Waste Trac Programs: Contact information for scheduling a solid waste/recycling presentation or landfill tour: <https://wastetrac.org/waste-trac-education-team/>

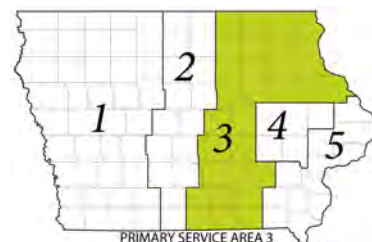
Bremer County Educational Programs: Contact information for scheduling a solid waste/recycling presentation: https://www.bremercounty.iowa.gov/departments/conservation_board_recycling_education.php

Buchanan County Educational Programs: Contact information for scheduling a solid waste/recycling presentation: https://www.buchanancounty.iowa.gov/services/conservation/educational_program_ideas.php.

Fayette County Educational Programs: Contact information for scheduling a solid waste/recycling presentation: <https://www.fayettedecountyconservation.org/>

Iowa Waste Exchange:

Efforts to increase landfill diversion continue, utilizing a number of available resources. One of these resources is the Iowa Waste Exchange (IWE). IWE actively assists in the diversion of reusable and recyclable material from the landfill. IWE provides a free, non-regulatory, and confidential service to businesses, industries, universities, institutions, and



individuals by attempting to find reuse opportunities or markets for unwanted items and waste materials. The Iowa Waste Exchange is serviced by 5 specialists across the state. The Area 3 specialist covers 28 counties, including the INRCOG planning area. IWE specialists can also conduct waste audits at businesses and schools and then work with those parties to find an outlet for the waste material/surplus items.

The IWE in Area 3 has diverted a total of 78,644.22 tons from Iowa landfills during the last plan. While the efforts of the IWE strive to reduce landfill tonnage, the efforts have also saved generators of this waste approximately \$3,438,615 in disposal costs.

Iowa Waste Exchange:

| Year | Assistances | Tonnages | \$ Saved in Disposal | \$ Saved Other Than Diversion |
|------|-------------|-----------|----------------------|-------------------------------|
| 2016 | 547 | 26,765.41 | \$1,041,413 | \$63,150 |
| 2017 | 569 | 35,565.70 | \$1,631,345 | \$22,050 |
| 2018 | 398 | 7,763.74 | \$362,378 | \$5,550 |
| 2019 | 817 | 8,184.99 | \$391,994 | \$199,025 |
| 2020 | 410 | 364.38 | \$11,485 | \$50,901 |

Money Saved Other Than Diversion includes: Avoided purchases, reduced transportation costs, freed storage space).

*2018: IWE Specialist Staff change

Iowa Waste Exchange website <https://www.iowadnr.gov/Environmental-Protection/Land-Quality/Waste-Planning-Recycling/Iowa-Waste-Exchange-IWE>

Iowa Waste Reduction Center:

The Iowa Waste Reduction Center (IWRC) is based at the University of Northern Iowa campus in Cedar Falls. IWRC conducts on-site reviews for small businesses interested in improving the efficiency of their daily processes and provides expert advice for waste reduction methods, Resource Conservation and Recovery Act (RCRA), Painter Training, IAEAP air pollution program, food waste concerns, energy efficiency assistance and much more. Since the last Comp Plan, IWRC has assisted over 2,232 small businesses in the state. Their website is: <https://www.iwrc.org/>.

Iowa Waste Reduction Center:

| Year | Businesses Assisted |
|------|---------------------|
| 2016 | 505 |
| 2017 | 535 |
| 2018 | 446 |
| 2019 | 413 |
| 2020 | 333 |

Both the IWE and the IWRC assist with finding ways to divert new material entering the waste stream as technology and innovation changes the types of material used in manufacturing and consumption. New technology is also creating new markets for recyclable material on an on-going basis. The IWE and IWRC often are aware of these markets as they become available and are able to contact entities that generate material these markets require.

Through the educational efforts, programs, and new recycling markets discussed in this plan, it is hoped that the waste stream composition could be further reduced in the future through additional removal of reusable items, recyclables, and organic materials from the waste stream.

Loss of Organics Markets in NE Iowa:

Two markets outside of the planning area (but cited in NE Iowa) started accepting organic waste material during the last Comp Plan. Then during the current comprehensive plan the following 2 companies ceased operation or changed the types of materials they accept.

- Midwest Organic Solutions (Farley), was a large scale commercial composting facility. Out of business now.
- Big Ox Energies (Riceville), accepted organics to incorporate into their anaerobic digester to produce methane, generate electricity. They are currently only accepting manure and are not accepting other organics at this time.

Companies with organic waste are given referrals to facilities that are outside the planning area, but current transportation costs are preventing that from being a viable option. Due to the loss of these companies greater amounts of organic material are now being landfilled.

2016-2020: No loss of programs or services noted within the planning area during the time frame (However the City of Cedar Falls discontinued its Shingles Recycling program on July 1, 2022).

VIII. Evaluation of Progress Toward Goals: *101.13(2)“h”*

Provide an evaluation of progress toward meeting the state's waste volume reduction and recycling goals.

- An informational meeting was held on December 15, 2021.
- Surveys were sent to cities to collect data and input on strategies (March 4, 2022)
- A formal, stakeholder-based collaborative goal review process leading to development of updated long range integrated solid waste management system goals was held on April 5, 2022.

Listed below are several of the goals set forth in the last plan and accomplishments associated with each.

1- Waste Reduction Goal:

Goal From 7th Revision Comp Plan:

***Adjustment of Tipping Fee at Black Hawk County Landfill:**

Assess and adjust the tipping fee to meet financial demands of increased operating costs and to encourage increased public participation in recycling programs. The commission plans to increase the fees gradually for the next couple of years to help offset the cost of necessary maintenance, construction, and future cell development. It is believed that this tipping fee increase will also encourage more people and businesses to take a closer look at their waste streams and take advantage of landfill alternatives, such as reusing or recycling options.

Measures taken during last plan:

The BHCSWMC voted to increase the tipping fee as such: During the previous plan the tipping fee at the Black Hawk County Landfill was \$33.25/ton. The tipping fee was increased as follows:

- July 1, 2015 the tipping fee increased to \$34.25.
- July 1, 2016 the tipping fee increased to \$36.25.
- July 1, 2017 the tipping fee increased to \$38.25
- July 1, 2018 the tipping fee increased to \$40.25
- July 1, 2019 the tipping fee increased to \$42.25

2- Education and Information Goals:

In the previous plan the goal was to provide solid waste outreach by means of websites, social media, newsletters, flyers and presentations in an ongoing basis.

***Presentations:**

Counties in the Planning Area have undertaken very active programs regarding recycling education. Educational programs focus on reaching both children and adults through many different program topics and various group settings. The following shows the efforts of the different counties within the planning area:

Bremer Co. Conservation

| Year | # of Programs | # of Participants |
|------------------|---------------|-------------------|
| 2016 | 42 | 728 |
| 2017 | 33 | 817 |
| 2018 | 32 | 579 |
| 2019 | 34 | 608 |
| 2020 | 17 | 400 |
| Average per Year | 32 | 626 |

Buchanan Co. Conservation

| Year | # of Programs | # of Participants |
|------------------|---------------|-------------------|
| FY 16/17 | 145 | 2308 |
| FY 17/18 | 121 | 2331 |
| FY 18/19 | 101 | 2089 |
| FY 19/20 | 23 | 433 |
| FY 20/21 | 76 | 1256 |
| Average per Year | 93 | 1683 |

Fayette Co. Conservation

| Year | # of Programs | # of Participants |
|------------------|---------------|-------------------|
| 2016 | 51 | 920 |
| 2017 | 38 | 698 |
| 2018 | 38 | 867 |
| 2019 | 41 | 877 |
| 2020 | 12 | 175 |
| Average per Year | 36 | 707 |

Waste Trac (BHCSWMC)

| Year | # of Programs | # of Participants |
|------------------|---------------|-------------------|
| 2016 | 354 | 10056 |
| 2017 | 337 | 8782 |
| 2018 | 359 | 8188 |
| 2019 | 360 | 8730 |
| 2020 | 109 | 1954 |
| Average per Year | 304 | 7542 |

*2020 COVID-19 Pandemic: All counties noted a severe decrease in the number of in-person presentations that were held in 2020 due to the Covid 19 Pandemic (facilities shutdowns/nature center closings and schools going virtual).

During 2020 educators turned to online forms of education and were able to present some programs by Zoom or GoogleMeet. Video outlines were prepared in 2020 and later produced and shared on agency YouTube Channels for teachers and youth group leaders to share with students in 2021 and 2022.

BHCSWMC (Waste Trac) videos on backyard composting and vermicomposting-
YouTube: <https://www.youtube.com/channel/UCzBpmaATP5uwVv8GHM6NrIw>

Fayette County Conservation Board videos on recycling-
YouTube: <https://www.youtube.com/watch?v=3X8QdQ1cX1g&list=PLkSDWCSaux0R7epI-6zmR1jTwVPRZGSVc>

Linked on conservation website:

<https://www.fayettedecountyconservation.org/whats-new>

Mike the Milk Jug, Tammy the Tin Can, Nellie the Newspaper, Rodney the Roll-off Box, Chester the Cardboard Kid, Mike the Milk Jug and Friends, and Tour of Fayette County Recycling Center.

Education Stats from Last Plan (2011- 2015)

Bremer County Conservation:

| | |
|--|--------------|
| 2011- 2016 Average annual number of programs: | unknown |
| Average annual number of students: | 1,289 |

Buchanan County Conservation:

| | |
|--|--------------|
| 2011- 2016 Average annual number of programs: | 60 |
| Average annual number of students: | 1,200 |

Fayette County Conservation-Gilbertson Nature Center:

| | |
|--|--------------|
| 2011- 2016 Average annual number of programs: | 58 |
| Average annual number of students: | 1,168 |

Waste Trac Education of Black Hawk County:

| | |
|--|--------------|
| 2011- 2016 Average annual number of programs: | 351 |
| Average annual number of students: | 7,822 |

***Outreach and Public Information Goal:**

Over the course of the last plan many Commission websites, City websites, private recycling company websites and commission/city/business social media pages (Facebook, Twitter) have been created. The websites remain a useful tool for listing items accepted for recycling, locations of recycling opportunities, yard waste rules, garbage policies, whereas social media allows the cities/agencies/commissions an opportunity to address timely matters, press releases, and events of importance happening in the community.

- Commission Websites:
Black Hawk County Solid Waste Management Commission (www.wastetrac.org/index.html). During the spring of 2016 the BHCSWMC website was overhauled and expanded with information about the landfill (fees, policies, hours, etc), educational opportunities, and resource pages (backyard composting, household hazardous materials, etc).

Fayette County Transfer Station:

<https://fayettedcounty.iowa.gov/departments/transfer-station/>

Fayette County Recycling Center: (www.fayettecountyiowa.org/RECYCLING.html)

- **City Websites/Social Media:**
Since the last plan many of the cities have updated sanitation/recycling pages of websites and developed Facebook pages that provide additional information regarding waste disposal, yard waste education, household hazardous materials, bulk item pickup, and recycling opportunities/tips.
- **Newsletters:**
The BHCSWMC puts out an e-newsletter on a needs basis around special HHM events. The City of Cedar Falls city quarterly newsletter (Currents- paper and digital) includes typically 1-2 pages of Sanitation/Recycling/yard waste/HHM updates. A large number of cities provide solid waste updates in quarterly newsletters and included news of HHM events/RCC hours, yard waste updates, recycling tips, etc.
- **Event Recycling at Festivals/City Celebrations:**
The BHCSWMC promotes event recycling in the planning area. A total of 105 frames with lids can be loaned out for the purpose of recycling plastic bottles, redeemable containers, and paper at events such as weddings, festivals, carnivals, sporting events, walk/run events, reunions, and fundraisers. All communities/organizations that reside in the INRCOG planning area can borrow the equipment for local events with an equipment deposit. The event recycling frames were originally purchased through a SWAP grant from the DNR and additional equipment was purchased since the last plan to accommodate the larger festivals in the area such as the Iowa Irish Fest in Waterloo (40,000- 50,000 visitors over a weekend). Information about the program, brochure, and application to lock in dates to request equipment can be found at <https://wastetrac.org/event-recycling/>.

Household Hazardous Materials and E-Waste Program Goal:

- Bremer County, Buchanan County, and Grundy County continue to provide and publicize their Regional Collection Center (RCC) services.
- Fayette County Solid Waste Management Commission-
 - **HHM:** sponsors a household hazardous materials event the 1st Saturday of each October. Events were held on 10-1-2016, 10-7-2017, 10-6-2018, 10-5-2019, and 10-3-2020. An average of 40 participants bring HHM's to these yearly events.
 - **Electronics Recycling:** All Recyclable Electronics must be taken to the Fayette County Transfer Station. In October of 2001 the Fayette County Solid Waste Management Commission implemented an Electronics Recycling Program and banned TV's and Computer Monitors. There are charges to recycle TV's, Computer Monitors, Computer Printers, Fax Machines, and Copy Machines. All other electronic equipment can currently be recycled at no charge. Electronics are accepted on a daily basis during regular operational hours at the Fayette County Transfer Station. The transfer station works with Midwest Electronic Recovery for e-waste recycling.

- BHCSWMC continues to partner with the City of Cedar Falls and City of Waterloo (and vendors) to offer TWO drop-off events annually for Black Hawk County residents to properly manage household hazardous materials and electronics waste. Eight events were held from 2016-2020. The drop-off events in 2020 event were canceled due to the Covid-19 pandemic. Each spring the City of Waterloo hosts the event and each fall the event is located in Cedar Falls. Since the BHCSWMC does not have an HHM Regional Collection Center, this event is a service to the residents which provides an opportunity twice each year for safe disposal and recycling of hazardous materials and electronics. All items can be dropped off for free with the exception of Cathode Ray Tubes (CRTs). Each vehicle can drop off 2 CRTs at no cost. Each additional CRT has a \$5 charge. Electronics are recycled through Midwest Electronic Recovery. Flyers are distributed throughout the county before each event to city halls, libraries, public works offices and local newspapers. All promotions for the event clearly list the items that are and are not accepted. Since the last Comp Plan, the number of vehicles participating is down slightly (2011- 2015 saw an average of 807 vehicles per event vs an average of 732 vehicles for the years 2016-2019). The amount of HHM and electronics has begun to taper, while the cost of managing the household hazardous materials has increased significantly. See below chart and Figures 1 through 3 for trends over time

BHCSWMC Household Hazardous Materials and E-waste Recycling Events:

| Drop-off Event | Vehicles per Event | HHM Disposal | E-waste Recycling |
|-----------------------|---------------------------|---------------------|--------------------------|
| Spring 2016 | 830 | \$19,650.96 | \$8,518.40 |
| Fall 2016 | 694 | \$20,431.87 | \$4,330.20 |
| Spring 2017 | 878 | \$18,667.48 | \$9,881.00 |
| Fall 2017 | 955 | \$22,025.64 | \$8,311.15 |
| Spring 2018 | 754 | \$17,885.85 | \$8,020.80 |
| Fall 2018 | 813 | \$20,202.51 | \$5,571.10 |
| Spring 2019 | 854 | \$32,601.72 | \$8,662.60 |
| Fall 2019 | 913 | \$29,882.81 | \$5,470.60 |

Figure 1- Number of Vehicles Participating in BHCSWMC Drop-Off Events:

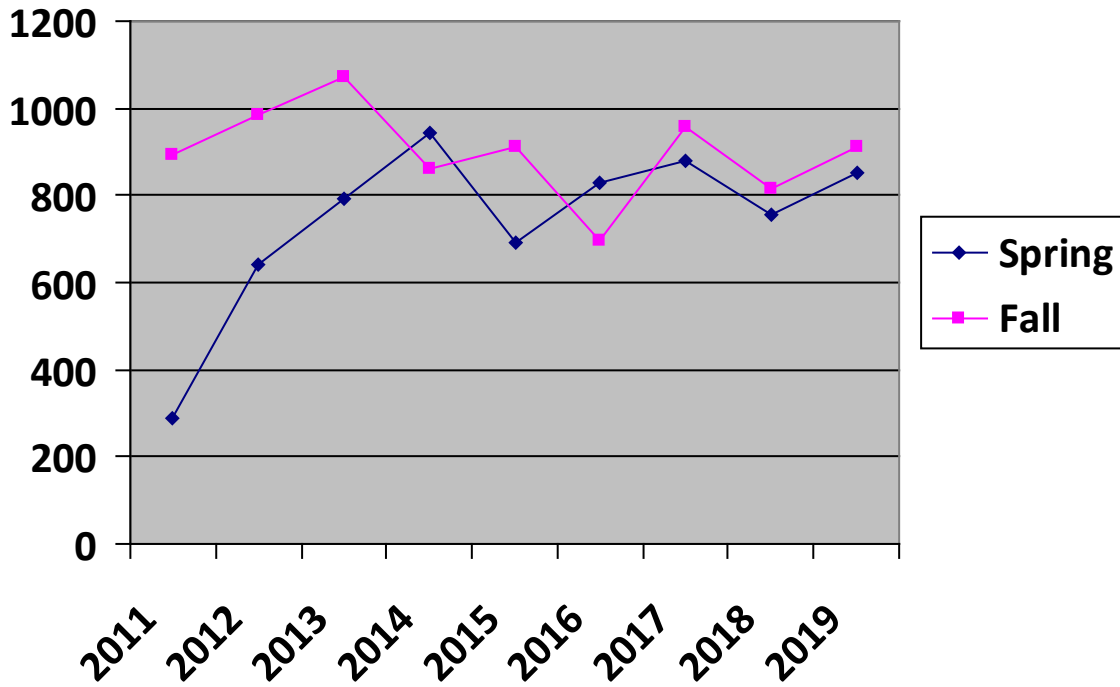


Figure 2- Dollars Spent on Proper Disposal of HHM (BHCSWMC):

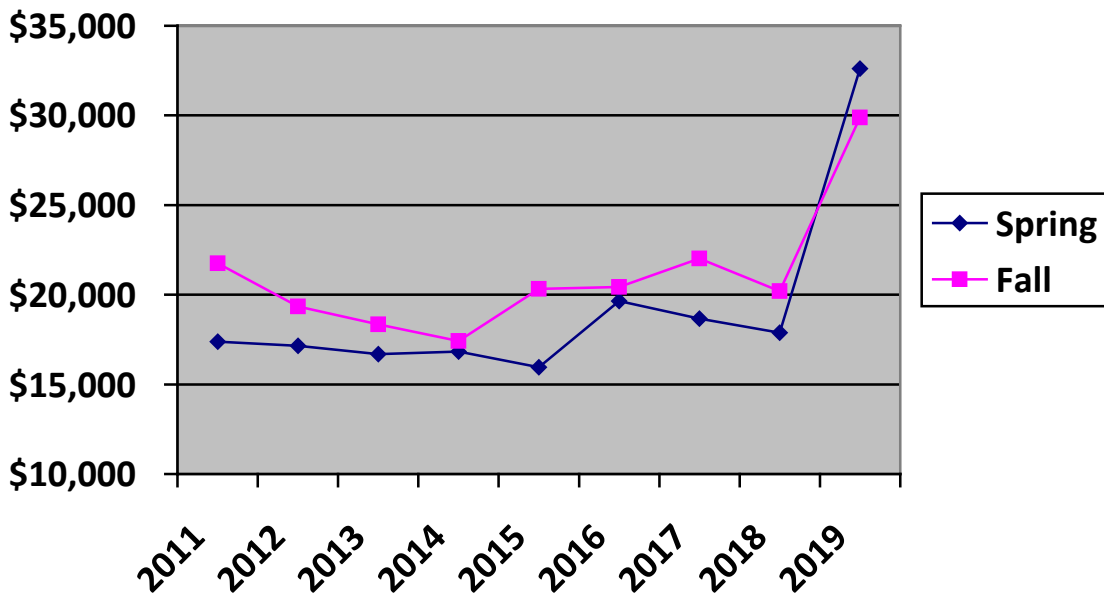
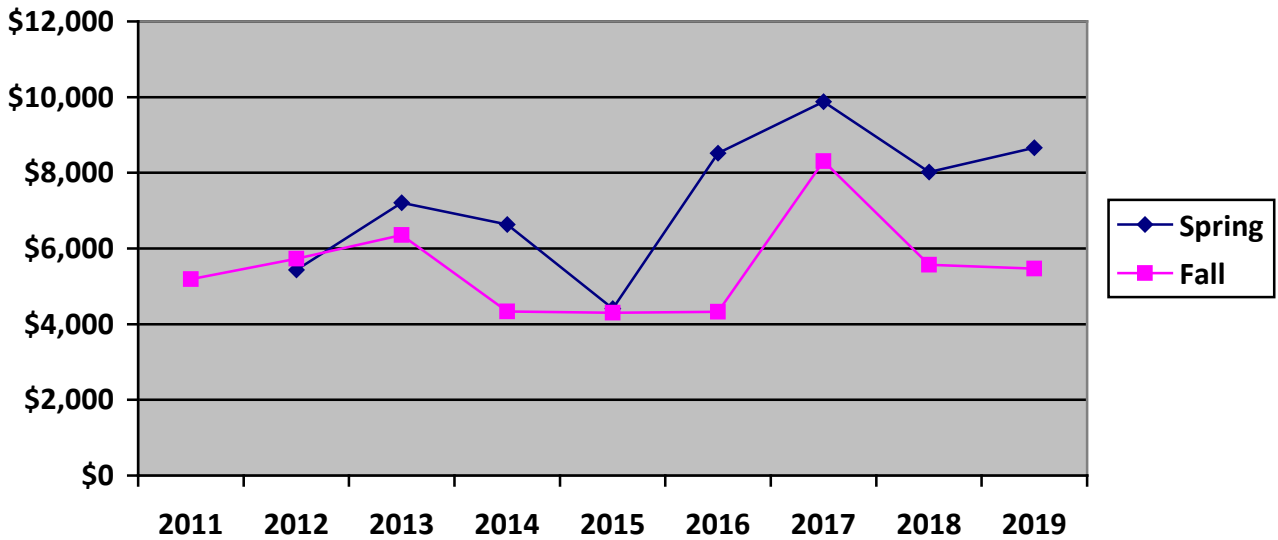


Figure 3- Dollars spent on Recycling of E-Waste (BHCSWMC):



*Fall 2011: 1st drop-off BHCSWMC event that included Electronics Recycling

3- Recycling Programs and Diversion

*Business Assistance Goal:

Business and industrial waste makes up a significant portion of landfilled material. The Iowa Waste Exchange (IWE) is active in the Planning Area (and beyond) as an available resource to assist businesses and industries in finding matches for reusable and recyclable materials. IWE is primarily funded by the state with local matches provided to assist businesses, manufacturers, institutions, local governments, and individuals who generate waste by finding reuse opportunities or recyclers to take the material. This results in a reduction of landfill fees and dumpster rental costs for the generator and it also provides the party receiving the material with cost avoidance in purchasing new material. The Area 3 IWE Resource Specialist has a mandatory goal of 772 assistances as well as a suggested diversion goal of 24,097 tons of landfill diversion annually.

*Construction and Demolition Management Goal:

Goals from Last Plan- Address Shingles and Construction Waste

Shingles:

Construction and demolition materials (C&D) are an on-going waste coming from contractors in the planning area and often spikes during a disaster or storm event. The nature of this material can be heavy, bulky, often mixed materials, and sometimes difficult to handle. The City of Cedar Falls offered a Shingles Recycling Program from July 2014 (inception) to June 30, 2022. A total of 3,866.26 tons of shingles were recycled through the program.

Construction Waste:

In the Fall of 2015 the Habitat for Humanity ReStore opened in Waterloo, providing a venue for diverting reusable doors, windows, light fixtures, lumber, and other building materials from remodel projects or surplus donations from big box home improvement

retailers. Commissions, cities, and Iowa Waste Exchange refer citizens and businesses to ReStore. Links from commission and city websites to the ReStore website give citizens an idea of what materials can be donated.

3- Encourage Yard Waste Composting and Backyard Composting

*Goals

1. Continue to promote and encourage cities to make yard waste composting available to their residents
2. Continue to share information about backyard composting technique

During the last comp plan years Commissions and cities included content/links on websites about city yard waste guidelines as well as backyard composting. BHCSWMC partnered with Green Iowa AmeriCorps to host a sale of backyard compost bins (Summer 2019 and Spring 2020). Waste Trac outreach offered backyard composting workshops during both campaigns with AmeriCorps, in person and virtually. Vermicomposting activities and videos were provided to school and youth groups. Solid waste education offered by Buchanan, Bremer, and Fayette County Conservation Boards included programs on composting and vermicomposting.

Continued efforts, as set forth above, and as projected in the future timeline described in Section X below, detail the types of programs and activities the INRCOG Planning Area intends to pursue in order to maintain and improve the diversion percentage.

IX. Analysis of Solid Waste Alternatives: *101.13(2)“i”*

There are no current plans for alternative methods within the Planning Area other than continued efforts by the municipalities to increase recycling usage and continue proper disposal of HHM. In addition, IWE will continue to provide diversion assistance to businesses in the Planning Area. There are a growing number of companies that are working with Midwest companies to address their sludge, oil-contaminated waste, etc. Due to confidentiality, it is difficult to pinpoint the amount of material going into these programs or to waste-to-energy facilities. John Deere is currently working with Convanta for managing their sludge. Several planning area companies are working with Hydrite Chemical and OSI Environmental to address some of their processes that involve solvents, sludges, waste paints, contaminated cardboard, oil filters.

X. Implementation Timeline: *101.13(2)“j”*

The Planning Area and all of its cities, counties, and commissions remain committed to continue improving the existing efforts to reduce, recycle, and divert materials being sent to the landfill. In that effort, evaluation of the programs and commitment of resources will continue to be a vital part of the Planning Area's goals.

Following, in Sections 10.1 through 10.5, is a summary of the activities that are expected to guide the Planning Area in its implementation of continued reduction activities over future planning cycles. All activities will continue to be subject to evaluation as to the effectiveness of each activity.

Activities: 1/1/2021 – 12/31/2025:

10.1- Black Hawk County Landfill Activities

| Activity | Description | Organization | Time Period |
|--|---|--------------|---------------------------------------|
| Cell Permitting Process and Cell Construction | BHCSWMC completed the Cells W-3 and W-4 permitting process in January 2020 adding 13 million cubic yards (cyds) to receive an estimated 6.5 million tons of waste with approximately 36 years of permitted capacity. During this comp plan cycle Cell W-3 Phase 1 was constructed with slightly over 1 million cyds with a life expectancy of 3 years. Commission will construct its Cell W-3 Phase II and III in 2024 through competitive bidding, adding an additional 5.5 million cubic yards with approximately 15 years of capacity at the current rate. | BHCSWMC | 2020- 2025 |
| Participate in IDNR Waste Characterization Study | The study will help identify the types of waste received from residential and commercial sources. The research will allow the planning area to evaluate the local data and discuss potential strategies to put into place to divert materials from the landfill. | BHCSWMC | Study: 2022. Education: Ongoing |
| Conduct Greenhouse Gas Inventory and Adopt Climate Action Plan | BHCSWMC will conduct a greenhouse gas inventory, develop and adopt a climate action plan with established strategies to reduce the Black Hawk County Landfill's GHG footprint. | BHCSWMC | 2020- 2025 |
| Black Hawk County Landfill-Landfill Gas | Identify potential vendors interested in purchasing the Black Hawk County Landfill's landfill gas and process into a marketable renewable gas. | BHCSWMC | On-going |

Anticipated Impact on the Waste Stream and Diversion:

The results of the Waste Characterization Study will provide a guideline for targeting materials that are making their way into the waste stream but may be highly recyclable, compostable, or an item that could have been reused. When you know what's in your garbage you can tailor your programs to try and divert those materials from the landfill.

10.2- Public Education Strategies

| Activity | Description | Organization | Time Period |
|--|---|-------------------|-------------|
| Grant Program for Black Hawk County Schools | BHCSWMC will discuss and develop a grant program to develop and foster environmental education within Black Hawk County schools. The program will provide funds to establish new, improve on and/or expand existing environmental education initiatives informing students on the impacts of their solid waste management decisions on society and on the environment. | Funded by BHCSWMC | Ongoing |
| Green Iowa AmeriCorps <i>Sustainable Schools</i> Program | Continue contractual partnership with Black Hawk Co. Public Health Department and University of Iowa to be a Host site for Green Iowa AmeriCorps Sustainable Schools program with a focus on healthy food choices, personal nutrition, local food production, food preparation and preservation and other food waste related topics with an emphasis on human health and environmental impacts of their food choices. | BHCSWMC | Ongoing |
| WasteTrac.org Website Changes | Establish contractual relationship to transition portions of the Wastetrac.org website to BHCLandfill.org address for landfill and Commission specific information, update Wastetrac.org for the education and outreach function, publish quarterly newsletter to general public and to landfill customers and to manage social media accounts to assist with promoting waste reduction and diversion opportunities and assist member communities with promotion of their recycling programs. | BHCSWMC | 2020- 2025 |
| Partnerships with Iowa Waste Exchange and Iowa Waste Reduction | Continue to financially support the Iowa Waste Exchange to encourage waste reuse within the business and industrial community. Discuss and evaluate other potential opportunities through the University of Northern Iowa and local | BHCSWMC | Ongoing |

| | | | |
|---|---|--|---------|
| Center/UNI | business organizations. | | |
| Banned Items Educational Outreach | Develop an education outreach program to assist customers in understanding why items are banned, disposal options outside the landfill and environmental and social implications of their decision to attempt to landfill banned items. | BHCSWMC | Ongoing |
| Cedar Falls-website | Information regarding Cedar Falls recycling programs, including locations and procedures, and related diversion options. | Cedar Falls | Ongoing |
| Waterloo-website and Facebook | Information regarding Waterloo recycling programs, including locations and procedures, and related diversion options. | Waterloo | Ongoing |
| Cities in the Planning Area | Evaluate city websites. Add garbage, recycling, yard waste, HHM and other waste diversion content to websites, social media sites and city newsletters/utility billings. | Municipalities in INRCOG Planning Area | Ongoing |
| Bremer County Conservation Board | Information regarding proper methods of disposing of HHM, and provide educational programming opportunities. | Bremer County | Ongoing |
| Fayette County Solid Waste Management Commission websites and Fayette County Conservation Board | Information regarding recycling education, Recycling Center contacts, hours, and locations; recycling materials list, and charges. | Fayette County Solid Waste Management Commission | Ongoing |
| Buchanan County Conservation Board | Provide environmental educational programming opportunities and hands-on workshops for students and adults. | Buchanan County | Ongoing |
| Iowa Waste Exchange | Provide information regarding recycling and alternative uses for waste material as well as business assistance. Provide cafeteria waste sorts and waste audits at colleges, schools, and businesses. | IWE | Ongoing |

Anticipated Impact on Waste Stream and Diversion:

Planning for the next Comprehensive Plan period will continue to direct educational efforts at school age populations as well as adults. Outreach by education partners as well as municipalities will help to reduce recycling contamination, allowing clean commodities to make it to market rather than being landfilled. Solid waste information on municipal websites (or links to recycling vendors) will help citizens reduce their “wishcycling” (putting improper items in the bin, wishing they can be recycled). Partnerships with community groups will provide the

synergy needed to accomplish the buzz needed to put solid waste initiatives back in the forefront.

10.3- Household Hazardous Materials and Electronics Waste

| Activity | Description | Organization | Time Period |
|---|---|---------------------------------|--|
| HHM Drop-off Events | Continue to partner with the cities of Cedar Falls and Waterloo to offer semi-annual collection of HHM's and electronics waste for Black Hawk County residents. | BHCSWMC | Ongoing |
| City of Cedar Falls | Continue to host the HHM drop-off day as an annual fall event for proper disposal of HHM and the recycling of E-waste for residents of Black Hawk County. | BHCSWMC/ City of Cedar Falls | Annually in Fall |
| City of Waterloo | Continue to host the HHM drop-off day as an annual spring event and for proper disposal of HHM and the recycling of E-waste for residents of Black Hawk County. | BHCSWMC/ City of Waterloo | Annually in Spring |
| HHM Management Alternatives | Explore option of contracting with another entity to provide small more frequent HHW events and review the funding mechanisms for this program to remove the dependance on the landfill tipping fees to fund the program. | BHCSWMC | Ongoing |
| E-Waste Management Alternatives | Explore and contract with a vendor to provide electronic waste collection from residents within the Black Hawk County area on a weekly or more frequent basis. | BHCSWMC | Ongoing |
| Bremer County HHM Collection Center | Continue to provide and publicize collection center availability. | Bremer County | Ongoing |
| Buchanan County HHM Collection Center | Continue to provide and publicize collection center availability. | Buchanan County | Ongoing |
| Grundy County HHM Collection Center | Continue to provide and publicize collection center availability. | Grundy County | Ongoing |
| Fayette County HHM collection Event | Continue to promote responsible disposal of HHMs and publicize the event details. | Fayette County | Annually in Fall |
| Individual city HHM and E-waste collection events | Continue to encourage individual cities to hold collection activities for HHM and E-waste. | Planning Area Municipalities | Annually in municipalities providing service |

Anticipated Impact on Waste Stream and Diversion:

It is essential for the planning area to have opportunities for proper disposal of HHM as well as recycling of E-waste. While keeping these items out of the landfill may only result in minimal

volume and tonnage reduction, the toxicity reduction may be significant. It also provides homeowners an opportunity for getting toxic materials out of the house for a safer living environment.

10.4- Recycling Programs and Diversion

| Activity | Description | Organization | Time Period |
|---|---|--|--------------------|
| Grants for Diversion Programs | Provide grant to member and non-member communities to support their recyclable item collection programs and provide annually and collect performance data to record goal progress for Black Hawk County Communities. | BHCSWMC | Ongoing |
| Assistance with Public Outreach | Assist Black Hawk County community in addressing public information and educational campaigns, efforts to reduce recycling contamination and implement technology to improve their pay-as-you-throw programs. | BHCSWMC | Ongoing |
| Information Gathering for Recycling Processing Facility | Explore and discuss the merits of a planning area wide recycling processing facility within the Cedar Valley. | BHCSWMC and Planning Area Commissions/Cities | |
| Construction and Demolition Recycling | Explore potential markets, feedstocks and identify support needed to establish a C & D recycling program. | BHCSWMC | Ongoing |
| Styrofoam (EPS) recycling | Provide a method of collection, densification, and recycling of expanded polystyrene plastic in Cedar Falls and surrounding communities. Also provide the necessary information available to public and businesses regarding the program. | City of Cedar Falls | Ongoing |
| Glass Recycling | Continue to offer glass recycling. Share experience with other cities interested in recycling with Ripple Glass. | City of Cedar Falls | Ongoing |
| Iowa Waste Exchange | Partial funding of IWE services, including services to businesses, manufacturers, local governments, and institutions, encouraging matching of byproducts and waste products. | BHCSWMC | Ongoing (annually) |
| Support Reuse Organizations | Encourage and support reuse opportunities provided by organizations such as Habitat for Humanity ReStore, Goodwill, Stuff Etc, Facebook Marketplace, Buy Nothing groups, Craigs List, and other organizations within the planning area. | BHCSWMC, Commissions, and Cities | Ongoing |

Anticipated Impact on Waste Stream and Diversion:

In the city survey, many of the cities cited that one of their obstacles in updating flyers, websites, newsletters, etc., is a lack of staff and funds. By providing grants and assistance to communities it is hoped that municipalities will evaluate and update the solid waste content on their city websites and city publications. Although overlooked sometimes in the hierarchy of waste management, reuse of items is beneficial to the planning area. Support of reuse organizations will bring greater awareness to the general public and hopefully result in greater donations/reuse of goods and less landfilling.

10.5- Encourage Proper Yard Waste Management

| Activity | Description | Organization | Time Period |
|--|--|--|-------------|
| Promote Composting of Yard Waste | Continue to promote and encourage cities to make yard waste composting available to their residents and to educate their citizens about yard waste guidelines on city websites/publications. | Planning Area and cities individually | Ongoing |
| Provide Educational Programs. Provide Yard Waste and Backyard Composting Content on Commission/City websites | Continue to increase awareness and promote backyard composting as a residential and small business organic waste management strategy. | BHCSWMC, Commissions, Cities, and Education Partners | Ongoing |

Anticipated Impact on Waste Stream and Diversion:

Municipalities will remain the greatest resource for citizens to manage yard waste. Residents in the Planning Area will be encouraged to manage their yard waste and tree waste at local yard waste facilities or in their backyards. Since these measures are currently being done there will be no changes in the waste stream regarding this material. The Black Hawk County Landfill will continue to grind and compost tree waste. Food waste was 20% of Iowa's waste stream in the 2017 Waste Characterization Study. Engaging families and small businesses in composting food waste along with yard waste in backyards could have an impact on both tonnage diverted and greenhouse gas emissions.

LIST OF EXHIBITS

Exhibit #

Resolutions:

Bremer County (Bremer County Board of Supervisors) 1
Denver 2
Frederika 3
Janesville 4
Plainfield 5
Readlyn 6
Sumner 7
Tripoli 8
Waverly 9

Buchanan County Sanitary Landfill Commission 10
Fayette County Solid Waste Management Commission 11

Grundy County

Dike 12
Grundy Center 13
Morrison 14
Reinbeck 15
Stout 16

Letter of Cooperation:

Cedar Valley Transfer and Recycling 17
Waste Management 18

Public Hearings/ Meetings:

Plan Development Informational Meeting- Minutes (1st Meeting) 19

Plan Development/Goal Setting Meeting- Minutes (2nd Meeting) 20
Plan Development/Goal Setting Mtg- Attendance Record (2nd Meeting) 21
Plan Development/Goal Setting Mtg- Public Notice (2nd Meeting) 22

Public Review Draft Plan- Meeting Minutes (3rd meeting) 23
Public Review Draft Plan Mtg- Attendance Record (3rd Meeting) 24
Public Review Draft Plan Mtg- Public Notice (3rd Meeting) 25

BHCSWMC Resolution 26

IDNR Base-year Adjustment Report Table 27/28

Planning Area Contracts, 28E Agreements, & Resolutions 29

21-
RESOLUTION 96

A RESOLUTION OF BREMER COUNTY PARTICIPATING IN THE SOLID WASTE COMPREHENSIVE PLANNING PROCESS AND BUDGET FOR THE INRCOG PLANNING AREA (8TH REVISION).

WHEREAS, all cities and counties are required to participate in solid waste comprehensive planning and must have adopted a corresponding plan, per Section 455B.306, as either a single local government, or through agreement with other local governments under Chapter 28E of the Iowa Code;

WHEREAS, the Iowa Department of Natural Resources (IDNR) administers the solid waste comprehensive planning process, including review of all draft plans, agreements, and permits;

WHEREAS, through an existing 28E agreement, as amended, or approval by the IDNR, there are Six (6) parties responsible for developing a Solid Waste Comprehensive Plan in the Iowa Northland Regional Council of Governments (INRCOG) Planning Area, including INRCOG, the Black Hawk County Solid Waste Management Commission, Bremer County Board of Supervisors, Buchanan County Solid Waste Management Commission, Fayette County Solid Waste Management Commission, and Grundy County Solid Waste Management Commission (five remaining cities in the original agreement only);

WHEREAS, Bremer County will participate in the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning process, including providing requested solid waste management information, participation in meetings and planning sessions, and adoption of the resulting 8th Revision or Update of the Plan;

WHEREAS, the total estimated cost of the INRCOG Planning Area Solid Waste Comprehensive Plan update is \$27,000 and will be assessed to the Parties on a population basis.

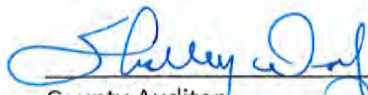
WHEREAS, Bremer County will financially contribute to the expenses associated with the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning, through direct payment to Iowa Northland Regional Council of Governments, in the amount of \$800.00, by May 31st, 2022. If payment is not received in a timely manner, Black Hawk County Solid Waste Management Commission will reduce the annual Recycling Grant Award due to the community or/or deny use of the Black Hawk County Landfill; and

NOW THEREFORE, it is hereby resolved that Bremer County finds it in its best interest to participate, as outlined above, in the INRCOG Comprehensive Solid Waste Management Plan Update, 8th Revision.

Passed, approved and adopted this 6 day of December, 2021.


Chair
Bremer County Board of Supervisors

ATTEST:


County Auditor
Bremer County

RESOLUTION 74-2021

A RESOLUTION OF THE CITY OF DENVER PARTICIPATING IN THE SOLID WASTE COMPREHENSIVE PLANNING PROCESS AND BUDGET FOR THE INRCOG PLANNING AREA (8TH REVISION).

WHEREAS, all cities and counties are required to participate in solid waste comprehensive planning and must have adopted a corresponding plan, per Section 455B.306, as either a single local government, or through agreement with other local governments under Chapter 28E of the Iowa Code;

WHEREAS, the Iowa Department of Natural Resources (IDNR) administers the solid waste comprehensive planning process, including review of all draft plans, agreements, and permits;

WHEREAS, through an existing 28E agreement, as amended, or approval by the IDNR, there are Six (6) parties responsible for developing a Solid Waste Comprehensive Plan in the Iowa Northland Regional Council of Governments (INRCOG) Planning Area, including INRCOG, the Black Hawk County Solid Waste Management Commission, Bremer County Board of Supervisors, Buchanan County Solid Waste Management Commission, Fayette County Solid Waste Management Commission, and Grundy County Solid Waste Management Commission (five remaining cities in the original agreement only);

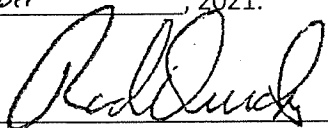
WHEREAS, the City of Denver will participate in the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning process, including providing requested solid waste management information, participation in meetings and planning sessions, and adoption of the resulting 8th Revision or Update of the Plan;

WHEREAS, the total estimated cost of the INRCOG Planning Area Solid Waste Comprehensive Plan update is \$27,000 and will be assessed to the Parties on a population basis.

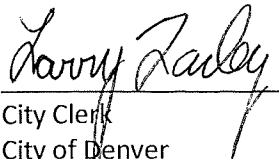
WHEREAS, the City of Denver will financially contribute to the expenses associated with the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning, through direct payment to Iowa Northland Regional Council of Governments, in the amount of \$300.00, by May 31st, 2022. If payment is not received in a timely manner, Black Hawk County Solid Waste Management Commission will reduce the annual Recycling Grant Award due to the community or/or deny use of the Black Hawk County Landfill; and

NOW THEREFORE, it is hereby resolved that the City of Denver finds it in its best interest to participate, as outlined above, in the INRCOG Comprehensive Solid Waste Management Plan Update, 8th Revision.

Passed, approved and adopted this 6th day of December, 2021.



Mayor
City of Denver

ATTEST:


City Clerk
City of Denver

A RESOLUTION OF THE CITY OF FREDERIKA PARTICIPATING IN THE SOLID WASTE COMPREHENSIVE PLANNING PROCESS AND BUDGET FOR THE INRCOG PLANNING AREA (8TH REVISION).

WHEREAS, all cities and counties are required to participate in solid waste comprehensive planning and must have adopted a corresponding plan, per Section 455B.306, as either a single local government, or through agreement with other local governments under Chapter 28E of the Iowa Code;

WHEREAS, the Iowa Department of Natural Resources (IDNR) administers the solid waste comprehensive planning process, including review of all draft plans, agreements, and permits;

WHEREAS, through an existing 28E agreement, as amended, or approval by the IDNR, there are Six (6) parties responsible for developing a Solid Waste Comprehensive Plan in the Iowa Northland Regional Council of Governments (INRCOG) Planning Area, including INRCOG, the Black Hawk County Solid Waste Management Commission, Bremer County Board of Supervisors, Buchanan County Solid Waste Management Commission, Fayette County Solid Waste Management Commission, and Grundy County Solid Waste Management Commission (five remaining cities in the original agreement only);

WHEREAS, the City of Frederika will participate in the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning process, including providing requested solid waste management information, participation in meetings and planning sessions, and adoption of the resulting 8th Revision or Update of the Plan;

WHEREAS, the total estimated cost of the INRCOG Planning Area Solid Waste Comprehensive Plan update is \$27,000 and will be assessed to the Parties on a population basis.

WHEREAS, the City of Frederika will financially contribute to the expenses associated with the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning, through direct payment to Iowa Northland Regional Council of Governments, in the amount of \$100.00, by May 31st, 2022. If payment is not received in a timely manner, Black Hawk County Solid Waste Management Commission will reduce the annual Recycling Grant Award due to the community or/ or deny use of the Black Hawk County Landfill; and


NOW THEREFORE, it is hereby resolved that the City of Frederika finds it in its best interest to participate, as outlined above, in the INRCOG Comprehensive Solid Waste Management Plan Update, 8th Revision.

Passed, approved and adopted this 19th day of January, 2022.

ATTEST:



City Clerk
City of Frederika



Mayor
City of Frederika

RESOLUTION 1768-22

A RESOLUTION OF THE CITY OF JANESVILLE PARTICIPATING IN THE SOLID WASTE COMPREHENSIVE PLANNING PROCESS AND BUDGET FOR THE INRCOG PLANNING AREA (8TH REVISION).

WHEREAS, all cities and counties are required to participate in solid waste comprehensive planning and must have adopted a corresponding plan, per Section 455B.306, as either a single local government, or through agreement with other local governments under Chapter 28E of the Iowa Code;

WHEREAS, the Iowa Department of Natural Resources (IDNR) administers the solid waste comprehensive planning process, including review of all draft plans, agreements, and permits;

WHEREAS, through an existing 28E agreement, as amended, or approval by the IDNR, there are Six (6) parties responsible for developing a Solid Waste Comprehensive Plan in the Iowa Northland Regional Council of Governments (INRCOG) Planning Area, including INRCOG, the Black Hawk County Solid Waste Management Commission, Bremer County Board of Supervisors, Buchanan County Solid Waste Management Commission, Fayette County Solid Waste Management Commission, and Grundy County Solid Waste Management Commission (five remaining cities in the original agreement only);

WHEREAS, the City of Janesville will participate in the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning process, including providing requested solid waste management information, participation in meetings and planning sessions, and adoption of the resulting 8th Revision or Update of the Plan;

WHEREAS, the total estimated cost of the INRCOG Planning Area Solid Waste Comprehensive Plan update is \$27,000 and will be assessed to the Parties on a population basis.

WHEREAS, the City of Janesville will financially contribute to the expenses associated with the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning, through direct payment to Iowa Northland Regional Council of Governments, in the amount of \$200.00, by May 31st, 2022. If payment is not received in a timely manner, Black Hawk County Solid Waste Management Commission will reduce the annual Recycling Grant Award due to the community or/or deny use of the Black Hawk County Landfill; and

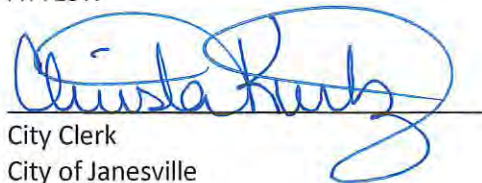
NOW THEREFORE, it is hereby resolved that the City of Janesville finds it in its best interest to participate, as outlined above, in the INRCOG Comprehensive Solid Waste Management Plan Update, 8th Revision.

Passed, approved and adopted this 24th day of May, 2021.



Mayor
City of Janesville

ATTEST:



City Clerk
City of Janesville

RESOLUTION 2021-24

A RESOLUTION OF THE CITY OF PLAINFIELD PARTICIPATING IN THE SOLID WASTE COMPREHENSIVE PLANNING PROCESS AND BUDGET FOR THE INRCOG PLANNING AREA (8TH REVISION).

WHEREAS, all cities and counties are required to participate in solid waste comprehensive planning and must have adopted a corresponding plan, per Section 455B.306, as either a single local government, or through agreement with other local governments under Chapter 28E of the Iowa Code;

WHEREAS, the Iowa Department of Natural Resources (IDNR) administers the solid waste comprehensive planning process, including review of all draft plans, agreements, and permits;

WHEREAS, through an existing 28E agreement, as amended, or approval by the IDNR, there are Six (6) parties responsible for developing a Solid Waste Comprehensive Plan in the Iowa Northland Regional Council of Governments (INRCOG) Planning Area, including INRCOG, the Black Hawk County Solid Waste Management Commission, Bremer County Board of Supervisors, Buchanan County Solid Waste Management Commission, Fayette County Solid Waste Management Commission, and Grundy County Solid Waste Management Commission (five remaining cities in the original agreement only);

WHEREAS, the City of Plainfield will participate in the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning process, including providing requested solid waste management information, participation in meetings and planning sessions, and adoption of the resulting 8th Revision or Update of the Plan;

WHEREAS, the total estimated cost of the INRCOG Planning Area Solid Waste Comprehensive Plan update is \$27,000 and will be assessed to the Parties on a population basis.

WHEREAS, the City of Plainfield will financially contribute to the expenses associated with the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning, through direct payment to Iowa Northland Regional Council of Governments, in the amount of \$200.00, by May 31st, 2022. If payment is not received in a timely manner, Black Hawk County Solid Waste Management Commission will reduce the annual Recycling Grant Award due to the community or/or deny use of the Black Hawk County Landfill; and

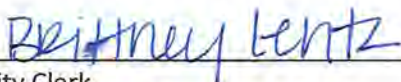
NOW THEREFORE, it is hereby resolved that the City of Plainfield finds it in its best interest to participate, as outlined above, in the INRCOG Comprehensive Solid Waste Management Plan Update, 8th Revision.

Passed, approved and adopted this 14th day of December, 2021.



Mayor
City of Plainfield

ATTEST:



City Clerk
City of Plainfield

RESOLUTION 863

A RESOLUTION OF THE CITY OF READLYN PARTICIPATING IN THE SOLID WASTE COMPREHENSIVE PLANNING PROCESS AND BUDGET FOR THE INRCOG PLANNING AREA (8TH REVISION).

WHEREAS, all cities and counties are required to participate in solid waste comprehensive planning and must have adopted a corresponding plan, per Section 455B.306, as either a single local government, or through agreement with other local governments under Chapter 28E of the Iowa Code;

WHEREAS, the Iowa Department of Natural Resources (IDNR) administers the solid waste comprehensive planning process, including review of all draft plans, agreements, and permits;

WHEREAS, through an existing 28E agreement, as amended, or approval by the IDNR, there are Six (6) parties responsible for developing a Solid Waste Comprehensive Plan in the Iowa Northland Regional Council of Governments (INRCOG) Planning Area, including INRCOG, the Black Hawk County Solid Waste Management Commission, Bremer County Board of Supervisors, Buchanan County Solid Waste Management Commission, Fayette County Solid Waste Management Commission, and Grundy County Solid Waste Management Commission (five remaining cities in the original agreement only);

WHEREAS, the City of Readlyn will participate in the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning process, including providing requested solid waste management information, participation in meetings and planning sessions, and adoption of the resulting 8th Revision or Update of the Plan;

WHEREAS, the total estimated cost of the INRCOG Planning Area Solid Waste Comprehensive Plan update is \$27,000 and will be assessed to the Parties on a population basis.

WHEREAS, the City of Readlyn will financially contribute to the expenses associated with the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning, through direct payment to Iowa Northland Regional Council of Governments, in the amount of \$200.00, by May 31st, 2022. If payment is not received in a timely manner, Black Hawk County Solid Waste Management Commission will reduce the annual Recycling Grant Award due to the community or/or deny use of the Black Hawk County Landfill; and

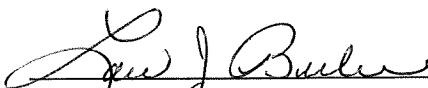
NOW THEREFORE, it is hereby resolved that the City of Readlyn finds it in its best interest to participate, as outlined above, in the INRCOG Comprehensive Solid Waste Management Plan Update, 8th Revision.

Passed, approved and adopted this 13th day of December, 2021.



Mayor
City of Readlyn

ATTEST:



City Clerk
City of Readlyn

RESOLUTION 632

A RESOLUTION OF THE CITY OF SUMNER PARTICIPATING IN THE SOLID WASTE COMPREHENSIVE PLANNING PROCESS AND BUDGET FOR THE INRCOG PLANNING AREA (8th REVISION).

WHEREAS, all cities and counties are required to participate in solid waste comprehensive planning and must have adopted a corresponding plan, per Section 455B.306, as either a single local government, or through agreement with other local governments under Chapter 28E of the Iowa Code;

WHEREAS, the Iowa Department of Natural Resources (IDNR) administers the solid waste comprehensive planning process, including review of all draft plans, agreements, and permits;

WHEREAS, through an existing 28E agreement, as amended, or approval by the IDNR, there are Six (6) parties responsible for developing a Solid Waste Comprehensive Plan in the Iowa Northland Regional Council of Governments (INRCOG) Planning Area, including INRCOG, the Black Hawk County Solid Waste Management Commission, Bremer County Board of Supervisors, Buchanan County Solid Waste Management Commission, Fayette County Solid Waste Management Commission, and Grundy County Solid Waste Management Commission (five remaining cities in the original agreement only);

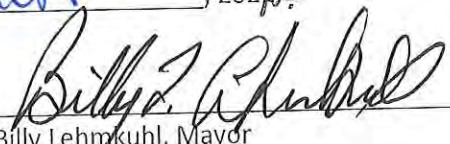
WHEREAS, the City of Sumner will participate in the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning process, including providing requested solid waste management information, participation in meetings and planning sessions, and adoption of the resulting 8th Revision or Update of the Plan;

WHEREAS, the total estimated cost of the INRCOG Planning Area Solid Waste Comprehensive Plan update is \$27,000 and will be assessed to the Parties on a population basis.

WHEREAS, the City of Sumner will financially contribute to the expenses associated with the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning, through direct payment to Iowa Northland Regional Council of Governments, in the amount of \$500.00, by May 31st, 2022. If payment is not received in a timely manner, Black Hawk County Solid Waste Management Commission will reduce the annual Recycling Grant Award due to the community or/or deny use of the Black Hawk County Landfill; and

NOW THEREFORE, it is hereby resolved that the City of Sumner finds it in its best interest to participate, as outlined above, in the INRCOG Comprehensive Solid Waste Management Plan Update, 8th Revision.

Passed, approved and adopted this 21 day of March, 2022.


Billy Lehmkuhl, Mayor
City of Sumner


Lisa Oberbroeckling, City Clerk
City of Sumner

RESOLUTION 2022-27

A RESOLUTION OF THE CITY OF TRIPOLI PARTICIPATING IN THE SOLID WASTE COMPREHENSIVE PLANNING PROCESS AND BUDGET FOR THE INRCOG PLANNING AREA (8TH REVISION).

WHEREAS, all cities and counties are required to participate in solid waste comprehensive planning and must have adopted a corresponding plan, per Section 455B.306, as either a single local government, or through agreement with other local governments under Chapter 28E of the Iowa Code;

WHEREAS, the Iowa Department of Natural Resources (IDNR) administers the solid waste comprehensive planning process, including review of all draft plans, agreements, and permits;

WHEREAS, through an existing 28E agreement, as amended, or approval by the IDNR, there are Six (6) parties responsible for developing a Solid Waste Comprehensive Plan in the Iowa Northland Regional Council of Governments (INRCOG) Planning Area, including INRCOG, the Black Hawk County Solid Waste Management Commission, Bremer County Board of Supervisors, Buchanan County Solid Waste Management Commission, Fayette County Solid Waste Management Commission, and Grundy County Solid Waste Management Commission (five remaining cities in the original agreement only);

WHEREAS, the City of Tripoli will participate in the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning process, including providing requested solid waste management information, participation in meetings and planning sessions, and adoption of the resulting 8th Revision or Update of the Plan;

WHEREAS, the total estimated cost of the INRCOG Planning Area Solid Waste Comprehensive Plan update is \$27,000 and will be assessed to the Parties on a population basis.

WHEREAS, the City of Tripoli will financially contribute to the expenses associated with the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning, through direct payment to Iowa Northland Regional Council of Governments, in the amount of \$200.00, by May 31st, 2022. If payment is not received in a timely manner, Black Hawk County Solid Waste Management Commission will reduce the annual Recycling Grant Award due to the community or/or deny use of the Black Hawk County Landfill; and

NOW THEREFORE, it is hereby resolved that the City of Tripoli finds it in its best interest to participate, as outlined above, in the INRCOG Comprehensive Solid Waste Management Plan Update, 8th Revision.

PASSED and APPROVED this 4th day of April, 2022.

RCV:


Ayes: Ladage Christase
OH Boldt Caixa


Nays

Ø

Absent

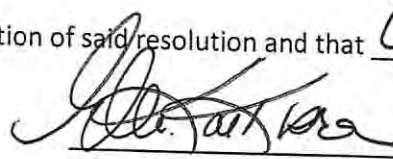
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Ellen Kalkbrenner City Clerk/Treasurer


Brendt Bernard Mayor

"I hereby certify that the foregoing constitutes a true and complete copy of a resolution duly adopted by the City Council of the City of Tripoli, at a regular meeting held on April 4, 2022, at which all council members were present except na.

I further certify that Ladage moved for adoption of said resolution and that Christase seconded said motion.


Ellen Kalkbrenner City Clerk/Treasurer

RESOLUTION 21-182

A RESOLUTION OF THE CITY OF WAVERLY PARTICIPATING IN THE SOLID WASTE COMPREHENSIVE PLANNING PROCESS AND BUDGET FOR THE INRCOG PLANNING AREA (8TH REVISION).

WHEREAS, all cities and counties are required to participate in solid waste comprehensive planning and must have adopted a corresponding plan, per Section 455B.306, as either a single local government, or through agreement with other local governments under Chapter 28E of the Iowa Code;

WHEREAS, the Iowa Department of Natural Resources (IDNR) administers the solid waste comprehensive planning process, including review of all draft plans, agreements, and permits;

WHEREAS, through an existing 28E agreement, as amended, or approval by the IDNR, there are Six (6) parties responsible for developing a Solid Waste Comprehensive Plan in the Iowa Northland Regional Council of Governments (INRCOG) Planning Area, including INRCOG, the Black Hawk County Solid Waste Management Commission, Bremer County Board of Supervisors, Buchanan County Solid Waste Management Commission, Fayette County Solid Waste Management Commission, and Grundy County Solid Waste Management Commission (five remaining cities in the original agreement only);

WHEREAS, the City of Waverly will participate in the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning process, including providing requested solid waste management information, participation in meetings and planning sessions, and adoption of the resulting 8th Revision or Update of the Plan;

WHEREAS, the total estimated cost of the INRCOG Planning Area Solid Waste Comprehensive Plan update is \$27,000 and will be assessed to the Parties on a population basis.

WHEREAS, the City of Waverly will financially contribute to the expenses associated with the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning, through direct payment to Iowa Northland Regional Council of Governments, in the amount of \$1,000.00, by May 31st, 2022. If payment is not received in a timely manner, Black Hawk County Solid Waste Management Commission will reduce the annual Recycling Grant Award due to the community or/or deny use of the Black Hawk County Landfill; and

NOW THEREFORE, it is hereby resolved that the City of Waverly finds it in its best interest to participate, as outlined above, in the INRCOG Comprehensive Solid Waste Management Plan Update, 8th Revision.

Passed, approved and adopted this 6th day of December, 2021.



Mayor, Adam P. Hoffman
City of Waverly

ATTEST:



Deputy City Clerk, Valorie Northrup
City of Waverly

RESOLUTION ____

A RESOLUTION OF BUCHANAN COUNTY SOLID WASTE MANAGEMENT COMMISSION PARTICIPATING IN THE SOLID WASTE COMPREHENSIVE PLANNING PROCESS AND BUDGET FOR THE INRCOG PLANNING AREA (8TH REVISION).

WHEREAS, all cities and counties are required to participate in solid waste comprehensive planning and must have adopted a corresponding plan, per Section 455B.306, as either a single local government, or through agreement with other local governments under Chapter 28E of the Iowa Code;

WHEREAS, the Iowa Department of Natural Resources (IDNR) administers the solid waste comprehensive planning process, including review of all draft plans, agreements, and permits;

WHEREAS, through an existing 28E agreement, as amended, or approval by the IDNR, there are Six (6) parties responsible for developing a Solid Waste Comprehensive Plan in the Iowa Northland Regional Council of Governments (INRCOG) Planning Area, including INRCOG, the Black Hawk County Solid Waste Management Commission, Bremer County Board of Supervisors, Buchanan County Solid Waste Management Commission, Fayette County Solid Waste Management Commission, and Grundy County Solid Waste Management Commission (five remaining cities in the original agreement only);

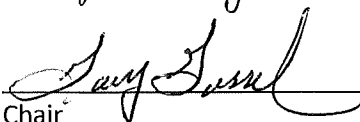
WHEREAS, the Buchanan County Solid Waste Management Commission will participate in the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning process, including providing requested solid waste management information, participation in meetings and planning sessions, and adoption of the resulting 8th Revision or Update of the Plan;

WHEREAS, the total estimated cost of the INRCOG Planning Area Solid Waste Comprehensive Plan update is \$27,000 and will be assessed to the Parties on a population basis.

WHEREAS, the Buchanan County Solid Waste Management Commission will financially contribute to the expenses associated with the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning, through direct payment to Iowa Northland Regional Council of Governments, in the amount of \$2,700.00, by May 31st, 2022. If payment is not received in a timely manner, Black Hawk County Solid Waste Management Commission will reduce the annual Recycling Grant Award due to the community or/or deny use of the Black Hawk County Landfill; and

NOW THEREFORE, it is hereby resolved that the Buchanan County Solid Waste Management Commission finds it in its best interest to participate, as outlined above, in the INRCOG Comprehensive Solid Waste Management Plan Update, 8th Revision.

Passed, approved and adopted this 25 day of January, 2022


Chair

Buchanan County Solid Waste Management Commission

ATTEST:


Secretary

Buchanan County Solid Waste Management Commission

RESOLUTION ____

A RESOLUTION OF FAYETTE COUNTY SOLID WASTE MANAGEMENT COMMISSION PARTICIPATING IN THE SOLID WASTE COMPREHENSIVE PLANNING PROCESS AND BUDGET FOR THE INRCOG PLANNING AREA (8TH REVISION).

WHEREAS, all cities and counties are required to participate in solid waste comprehensive planning and must have adopted a corresponding plan, per Section 455B.306, as either a single local government, or through agreement with other local governments under Chapter 28E of the Iowa Code;

WHEREAS, the Iowa Department of Natural Resources (IDNR) administers the solid waste comprehensive planning process, including review of all draft plans, agreements, and permits;

WHEREAS, through an existing 28E agreement, as amended, or approval by the IDNR, there are Six (6) parties responsible for developing a Solid Waste Comprehensive Plan in the Iowa Northland Regional Council of Governments (INRCOG) Planning Area, including INRCOG, the Black Hawk County Solid Waste Management Commission, Bremer County Board of Supervisors, Buchanan County Solid Waste Management Commission, Fayette County Solid Waste Management Commission, and Grundy County Solid Waste Management Commission (five remaining cities in the original agreement only);

WHEREAS, the Fayette County Solid Waste Management Commission will participate in the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning process, including providing requested solid waste management information, participation in meetings and planning sessions, and adoption of the resulting 8th Revision or Update of the Plan;

WHEREAS, the total estimated cost of the INRCOG Planning Area Solid Waste Comprehensive Plan update is \$27,000 and will be assessed to the Parties on a population basis.

WHEREAS, the Fayette County Solid Waste Management Commission will financially contribute to the expenses associated with the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning, through direct payment to Iowa Northland Regional Council of Governments, in the amount of \$2,500.00, by May 31st, 2022. If payment is not received in a timely manner, Black Hawk County Solid Waste Management Commission will reduce the annual Recycling Grant Award due to the community or/or deny use of the Black Hawk County Landfill; and


NOW THEREFORE, it is hereby resolved that the Fayette County Solid Waste Management Commission finds it in its best interest to participate, as outlined above, in the INRCOG Comprehensive Solid Waste Management Plan Update, 8th Revision.

Passed, approved and adopted this 18 day of January, 2021.



Chair
Fayette County Solid Waste Management Commission

ATTEST:



Secretary
Fayette County Solid Waste Management Commission

RESOLUTION 12082021001

A RESOLUTION OF THE CITY OF DIKE PARTICIPATING IN THE SOLID WASTE COMPREHENSIVE PLANNING PROCESS AND BUDGET FOR THE INRCOG PLANNING AREA (8TH REVISION).

WHEREAS, all cities and counties are required to participate in solid waste comprehensive planning and must have adopted a corresponding plan, per Section 455B.306, as either a single local government, or through agreement with other local governments under Chapter 28E of the Iowa Code;

WHEREAS, the Iowa Department of Natural Resources (IDNR) administers the solid waste comprehensive planning process, including review of all draft plans, agreements, and permits;

WHEREAS, through an existing 28E agreement, as amended, or approval by the IDNR, there are Six (6) parties responsible for developing a Solid Waste Comprehensive Plan in the Iowa Northland Regional Council of Governments (INRCOG) Planning Area, including INRCOG, the Black Hawk County Solid Waste Management Commission, Bremer County Board of Supervisors, Buchanan County Solid Waste Management Commission, Fayette County Solid Waste Management Commission, and Grundy County Solid Waste Management Commission (five remaining cities in the original agreement only);

WHEREAS, the City of Dike will participate in the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning process, including providing requested solid waste management information, participation in meetings and planning sessions, and adoption of the resulting 8th Revision or Update of the Plan;

WHEREAS, the total estimated cost of the INRCOG Planning Area Solid Waste Comprehensive Plan update is \$27,000 and will be assessed to the Parties on a population basis.

WHEREAS, the City of Dike will financially contribute to the expenses associated with the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning, through direct payment to Iowa Northland Regional Council of Governments, in the amount of \$300.00, by May 31st, 2022. If payment is not received in a timely manner, Black Hawk County Solid Waste Management Commission will reduce the annual Recycling Grant Award due to the community or/or deny use of the Black Hawk County Landfill; and

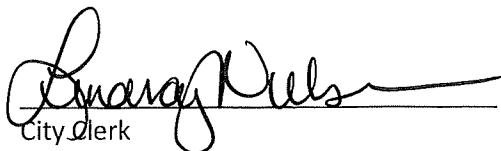
NOW THEREFORE, it is hereby resolved that the City of Dike finds it in its best interest to participate, as outlined above, in the INRCOG Comprehensive Solid Waste Management Plan Update, 8th Revision.

Passed, approved and adopted this 8 day of December, 2021.



Mayor
City of Dike

ATTEST:



City Clerk
City of Dike

RESOLUTION 2021-61

A RESOLUTION OF THE CITY OF GRUNDY CENTER PARTICIPATING IN THE SOLID WASTE COMPREHENSIVE PLANNING PROCESS AND BUDGET FOR THE INRCOG PLANNING AREA (8TH REVISION).

WHEREAS, all cities and counties are required to participate in solid waste comprehensive planning and must have adopted a corresponding plan, per Section 455B.306, as either a single local government, or through agreement with other local governments under Chapter 28E of the Iowa Code;

WHEREAS, the Iowa Department of Natural Resources (IDNR) administers the solid waste comprehensive planning process, including review of all draft plans, agreements, and permits;

WHEREAS, through an existing 28E agreement, as amended, or approval by the IDNR, there are Six (6) parties responsible for developing a Solid Waste Comprehensive Plan in the Iowa Northland Regional Council of Governments (INRCOG) Planning Area, including INRCOG, the Black Hawk County Solid Waste Management Commission, Bremer County Board of Supervisors, Buchanan County Solid Waste Management Commission, Fayette County Solid Waste Management Commission, and Grundy County Solid Waste Management Commission (five remaining cities in the original agreement only);

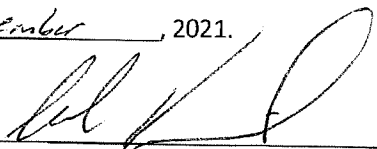
WHEREAS, the City of Grundy Center will participate in the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning process, including providing requested solid waste management information, participation in meetings and planning sessions, and adoption of the resulting 8th Revision or Update of the Plan;

WHEREAS, the total estimated cost of the INRCOG Planning Area Solid Waste Comprehensive Plan update is \$27,000 and will be assessed to the Parties on a population basis.

WHEREAS, the City of Grundy Center will financially contribute to the expenses associated with the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning, through direct payment to Iowa Northland Regional Council of Governments, in the amount of \$500.00, by May 31st, 2022. If payment is not received in a timely manner, Black Hawk County Solid Waste Management Commission will reduce the annual Recycling Grant Award due to the community or/or deny use of the Black Hawk County Landfill; and

NOW THEREFORE, it is hereby resolved that the City of Grundy Center finds it in its best interest to participate, as outlined above, in the INRCOG Comprehensive Solid Waste Management Plan Update, 8th Revision.

Passed, approved and adopted this 6 day of December, 2021.



Mayor
City of Grundy Center

ATTEST



City Clerk
City of Grundy Center

RESOLUTION 8-21

A RESOLUTION OF THE CITY OF MORRISON PARTICIPATING IN THE SOLID WASTE COMPREHENSIVE PLANNING PROCESS AND BUDGET FOR THE INRCOG PLANNING AREA (8TH REVISION).

WHEREAS, all cities and counties are required to participate in solid waste comprehensive planning and must have adopted a corresponding plan, per Section 455B.306, as either a single local government, or through agreement with other local governments under Chapter 28E of the Iowa Code;

WHEREAS, the Iowa Department of Natural Resources (IDNR) administers the solid waste comprehensive planning process, including review of all draft plans, agreements, and permits;

WHEREAS, through an existing 28E agreement, as amended, or approval by the IDNR, there are Six (6) parties responsible for developing a Solid Waste Comprehensive Plan in the Iowa Northland Regional Council of Governments (INRCOG) Planning Area, including INRCOG, the Black Hawk County Solid Waste Management Commission, Bremer County Board of Supervisors, Buchanan County Solid Waste Management Commission, Fayette County Solid Waste Management Commission, and Grundy County Solid Waste Management Commission (five remaining cities in the original agreement only);

WHEREAS, the City of Morrison will participate in the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning process, including providing requested solid waste management information, participation in meetings and planning sessions, and adoption of the resulting 8th Revision or Update of the Plan;

WHEREAS, the total estimated cost of the INRCOG Planning Area Solid Waste Comprehensive Plan update is \$27,000 and will be assessed to the Parties on a population basis.

WHEREAS, the City of Morrison will financially contribute to the expenses associated with the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning, through direct payment to Iowa Northland Regional Council of Governments, in the amount of \$100.00, by May 31st, 2022. If payment is not received in a timely manner, Black Hawk County Solid Waste Management Commission will reduce the annual Recycling Grant Award due to the community or/or deny use of the Black Hawk County Landfill; and


NOW THEREFORE, it is hereby resolved that the City of Morrison finds it in its best interest to participate, as outlined above, in the INRCOG Comprehensive Solid Waste Management Plan Update, 8th Revision.

Passed, approved and adopted this 13 day of December, 2021.



Mayor
City of Morrison

ATTEST:



City Clerk
City of Morrison

RESOLUTION 2021-31R

A RESOLUTION OF THE CITY OF REINBECK PARTICIPATING IN THE SOLID WASTE COMPREHENSIVE PLANNING PROCESS AND BUDGET FOR THE INRCOG PLANNING AREA (8TH REVISION).

WHEREAS, all cities and counties are required to participate in solid waste comprehensive planning and must have adopted a corresponding plan, per Section 455B.306, as either a single local government, or through agreement with other local governments under Chapter 28E of the Iowa Code;

WHEREAS, the Iowa Department of Natural Resources (IDNR) administers the solid waste comprehensive planning process, including review of all draft plans, agreements, and permits;

WHEREAS, through an existing 28E agreement, as amended, or approval by the IDNR, there are Six (6) parties responsible for developing a Solid Waste Comprehensive Plan in the Iowa Northland Regional Council of Governments (INRCOG) Planning Area, including INRCOG, the Black Hawk County Solid Waste Management Commission, Bremer County Board of Supervisors, Buchanan County Solid Waste Management Commission, Fayette County Solid Waste Management Commission, and Grundy County Solid Waste Management Commission (five remaining cities in the original agreement only);

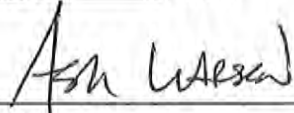
WHEREAS, the City of Reinbeck will participate in the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning process, including providing requested solid waste management information, participation in meetings and planning sessions, and adoption of the resulting 8th Revision or Update of the Plan;

WHEREAS, the total estimated cost of the INRCOG Planning Area Solid Waste Comprehensive Plan update is \$27,000 and will be assessed to the Parties on a population basis.


WHEREAS, the City of Reinbeck will financially contribute to the expenses associated with the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning, through direct payment to Iowa Northland Regional Council of Governments, in the amount of \$300.00, by May 31st, 2022. If payment is not received in a timely manner, Black Hawk County Solid Waste Management Commission will reduce the annual Recycling Grant Award due to the community or/or deny use of the Black Hawk County Landfill; and

NOW THEREFORE, it is hereby resolved that the City of Reinbeck finds it in its best interest to participate, as outlined above, in the INRCOG Comprehensive Solid Waste Management Plan Update, 8th Revision.

Passed, approved and adopted this 6th day of December, 2021.



Mayor
City of Reinbeck

ATTEST:


City Clerk
City of Reinbeck

RESOLUTION 15-2022

A RESOLUTION OF THE CITY OF STOUT PARTICIPATING IN THE SOLID WASTE COMPREHENSIVE PLANNING PROCESS AND BUDGET FOR THE INRCOG PLANNING AREA (8TH REVISION).

WHEREAS, all cities and counties are required to participate in solid waste comprehensive planning and must have adopted a corresponding plan, per Section 455B.306, as either a single local government, or through agreement with other local governments under Chapter 28E of the Iowa Code;

WHEREAS, the Iowa Department of Natural Resources (IDNR) administers the solid waste comprehensive planning process, including review of all draft plans, agreements, and permits;

WHEREAS, through an existing 28E agreement, as amended, or approval by the IDNR, there are Six (6) parties responsible for developing a Solid Waste Comprehensive Plan in the Iowa Northland Regional Council of Governments (INRCOG) Planning Area, including INRCOG, the Black Hawk County Solid Waste Management Commission, Bremer County Board of Supervisors, Buchanan County Solid Waste Management Commission, Fayette County Solid Waste Management Commission, and Grundy County Solid Waste Management Commission (five remaining cities in the original agreement only);


WHEREAS, the City of Stout will participate in the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning process, including providing requested solid waste management information, participation in meetings and planning sessions, and adoption of the resulting 8th Revision or Update of the Plan;

WHEREAS, the total estimated cost of the INRCOG Planning Area Solid Waste Comprehensive Plan update is \$27,000 and will be assessed to the Parties on a population basis.

WHEREAS, the City of Stout will financially contribute to the expenses associated with the 8th Revision of the INRCOG Planning Area Comprehensive Solid Waste Planning, through direct payment to Iowa Northland Regional Council of Governments, in the amount of \$100.00, by May 31st, 2022. If payment is not received in a timely manner, Black Hawk County Solid Waste Management Commission will reduce the annual Recycling Grant Award due to the community or/or deny use of the Black Hawk County Landfill; and

NOW THEREFORE, it is hereby resolved that the City of Stout finds it in its best interest to participate, as outlined above, in the INRCOG Comprehensive Solid Waste Management Plan Update, 8th Revision.

Passed, approved and adopted this 9th day of May, 2022.



Mayor
City of Stout

ATTEST:



City Clerk
City of Stout



811 Dearborn Ave. Phone: 319.232.4150
PO Box 2592 (50704) Fax: 319.232.1086
Waterloo, IA 50703 Sales@BlackHawkWaste.com

Black Hawk Waste Disposal Co., Inc.

August 17th, 2022

Mrs. Tammy Turner
Environmental Resource Specialist
INRCIG/Iowa Waste Exchange
IWE: Area 3
229 East Park Ave.
Waterloo, IA 50703

Dear Mrs. Turner

RE: LETTER OF COOPERATION
INRCOG Planning area Comprehensive Solid Waste Management Plan
7th Revision – Dated August 17, 2022

Cedar Valley Recycling Inc has reviewed the INRCOG Planning Area Comprehensive Solid Waste Management Plan – 7th Revision, dated August 2022 & supports the plan.

Cedar Valley Recycling Inc has pledged to participate in implementing the goals and objectives set forth in the plan.

Cedar Valley Recycling Inc is committed to waste reduction & recycling & will make its best efforts to assist in implementing the INRCOG planning Area Comprehensive Solid Waste Management Plan & schedule. Cedar Valley Recycling Inc understands & consents to the attachment of the letter of cooperation to the plan as evidence of its support & cooperation.

Sincerely,

Blane Benham
General Manager

John Baugus
Operations/Sales Manager



August 12, 2022

Tammy Turner

Iowa Northland Regional Council of Governments

229 E. Park Ave.

Waterloo, IA 50701

Dear Ms. Turner:

RE: Letter of Cooperation

INRCOG Planning Area- Solid Waste Comprehensive Plan- 8th Revision

A representative of Waste Management has reviewed the INRCOG Solid Waste Comprehensive Plan- 8th Revision Draft. Waste Management is committed to waste reduction and recycling and will make its best efforts to assist in implementing the INRCOG Planning Area Solid Waste Comprehensive Plan and schedule. We will cooperate with the Planning Area and its members to support mutually beneficial integrated solid waste management services that support reduction, reuse, and recycling and support the state's waste reduction goals for the INRCOG Planning Area.

Waste Management understands and consents to the attachment of this Letter of Cooperation to the exhibits page in the Plan as evidence of its support and cooperation.

Sincerely,

Name: Tim Mossow

Signature:

A handwritten signature in black ink, appearing to read 'Tim Mossow', with a long horizontal flourish extending to the right.

WM District Manager

INRCOG Solid Waste Management Informational Meeting

Minutes December 15th, 2021

Meeting was held virtually using GoToMeeting and began at 10:03 a.m.

Those in attendance were: Brian Heath, City of Cedar Falls/ Black Hawk County Solid Waste Management Commission; Doyle Smith, City of Cedar Falls; Brian Sullivan, City of Waverly; Joe Skaff & Matt Pivitt with Republic Services, John Foster, Black Hawk County Solid Waste Management Commission, and Brian Schoon, Nick Fratzke, & Tammy Turner with INRCOG.

Turner called to order at 10:03 a.m. with a roll call and welcome. Turner reported that the 2021 Comprehensive Solid Waste Management Plan (Comp Plan) is due September 2022. This meeting is intended to satisfy one of the requirements of the DNR that at least two public meetings be held regarding the INRCOG Comp Plan. The process to complete the Comp Plan was explained.

Skaff and Pivitt with Republic Services gave an industry update presentation on the state of recycling. Showed trends through the pandemic with residential, commercial, & industrial volumes, pandemic impacts to supply chain, increased price of steel, recycling commodity trends, national CDL driver shortage, and Republic Services corporate 2030 Sustainability Goals.

Foster shared updates on the Black Hawk County Landfill. Discussed the Tonnage received by the Black Hawk County Landfill from FY 2011- FY 2021 (Tonnages ranged from 166,315 tons to 192,894 tons). Also shared updates on the Waste Stream by County (FY 2016- FY 2021), Composition of Waste Received at the BH County Landfill, and Waste Stream for Black Hawk County only.

Turner reported on the Iowa Waste Exchange (IWE) and the free service that it provides to businesses, local governments, institutions, schools, and individuals. The IWE attempts to divert material from landfills by finding other interested parties that can reuse or recycle material. Tools used: Iowa Waste Exchange database and Area 3 IWE monthly newsletter. Other services are waste assessments and waste audits at businesses & schools. Turner shared info/charts on recent waste sorts at Orange Elementary (in Waterloo) and Cedar Falls High School.

Turner explained some of the other DNR Financial and Business Assistance programs that are available at no cost. These other programs are Solid Waste Alternatives Program (SWAP) and Derelict Building Grant Program.

In other business:

Turner mentioned the Comp Plan will report on the years of 2016- 2020. Putting together the comprehensive plan also gives members a chance to share objectives and set goals for the future. Turner mentioned that one change since the last plan was the establishment of the ReStore retail store (opened in Waterloo in 2015). Restore has since diverted around 500 tons/year. ReStore received a SWAP grant in 2021 and Turner will invite ReStore to the next meeting to share their diversion success story.

Foster mentioned that the planning area could use some organizational reviews and updates in regard to the 28E agreements. Schoon agreed it is something to pursue in the near future. Foster stated that there is interest in gathering information from companies such as John Deere that have incineration and beneficial use programs for some of their materials. Foster also mentioned that the Cedar Rapids Linn County Solid Waste Agency is evaluating integrated solid waste solutions and considering alternative technologies (thermal, chemical, biological, mechanical) as their landfill is projected to be full in 2038. Foster mentioned that the BHCSWMC is considering conducting a similar integrated solid waste strategic plan to look at alternatives other than landfilling.

Turner reminded the group that she will be in touch with cities after the holidays & send out a short survey to collect tonnages/recycling data/educational efforts and to verify any changes that have taken place in the last 5 years.

The meeting was adjourned at 10:50 a.m.

Acting Secretary,

Tammy Turner

INRCOG Environmental Resource Specialist

2022 INRCOG Comprehensive Solid Waste Management Plan Task Force Meeting

Meeting Minutes

April 5th, 2022

The INRCOG Comprehensive Solid Waste Management Plan Task Force met on Tuesday, April 5th, 2022, at 10:00 AM, in the 3rd Floor Board Room at INRCOG in Waterloo, as well as virtually, using Microsoft Teams.

Those in attendance: Don Shonka (Buchanan County Supervisor), Dan Cohen (Buchanan County Conservation), Tim Neil (Bremer County Supervisor), Jeff Finke (Habitat ReStore), Joel Wikner (City of Denver), Michael Schares (City of Dunkerton), John Foster (Black Hawk County Solid Waste Commissioner), Doyle Smith (City of Cedar Falls), Brian Heath (City of Cedar Falls), Brittney Lentz (City of Plainfield), Tammy Turner (INRCOG), Nick Fratzke (INRCOG), Brian Schoon (INRCOG)

Turner called the meeting to order at 10:05 AM.

Turner provided an introduction and overview of the Comprehensive Solid Waste Management Plan, including the process, purpose, basis for updating the plan, and the process leading up to the meeting. Technical difficulties with the newly installed audio/visual equipment in the board room did not allow for projection of the Power Point Turner had prepared.

Turner introduced Jeff Finke with the Heartland Habitat for Humanity ReStore for a presentation regarding the services that his organization provides. Finke gave an overview of the of the ReStore including location, hours, acceptable and unacceptable materials, volunteer opportunities, pickup and receiving schedule, partnerships, and nonprofit structure of the organization. Finke shared the combined sales of the ReStore since opening in 2016 (\$3.3 million), and tonnage of waste saved from the landfill (1,999 tons). The Task Force commented and agreed that the addition of the ReStore as a service to the region has had a positive impact and is one of the significant changes from the previous comprehensive plan.

Turner explained updates from the previous plan including the waste hierarchy, life cycle of waste materials & end of life management, as well as the environmental impacts at each stage of the waste cycle process. Turner discussed the various DNR subcommittees regarding organics & fiber, plastics, renewable energy equipment, and construction debris. Turner also indicated that tonnage of materials diverted to the Black Hawk County landfill has increased over the past five years when compared with the previous five years. Turner also discussed the possibility for anaerobic and fermentation

technologies as a consideration for the future of the regional waste management strategy. Also discussed were the 2017 Iowa Waste Characterization Study which focused on the materials that end up in the landfill that could be diverted to other resources, and the surveys sent out to participating communities. Next, Turner highlighted the various waste diversion programs including; ReStore's future location in Dubuque and their potential acceptance of electronic equipment, the Salvage Barn (Friends of Historic Preservation) and their "tool library program", and the Iowa Waste Exchange services.

John Foster discussed EPA grants available for building infrastructure, recycling and composting infrastructure followed by Turner opening the floor for a discussion on the future plans goal and objective setting and updating (current goals were emailed by Turner prior to the meeting). Foster noted that the goals and objectives from the current plan are still relevant and should be carried over into the next revision.

Dan Cohen with Buchanan County Conservation opened a discussion regarding the Buchanan County transfer station and the need to educate the public on what can and cannot be recycled, to which Supervisor Shonka agreed. Turner asked that the two establish goals to include in the future revision of the plan. One suggestion was to recognize model recyclers rather than punishing those who may not understand the process in an effort to encourage rather than discourage. It was noted that means and methods of recycling vary by location and should be addressed at the source of the issue rather than creating a "one size fits all" approach. Other issues in recycling discussed were "truth in labeling" and the push for producers of recyclables to follow a more uniform standard in labeling the materials accordingly. Schoon encouraged the group to keep goals broad and the objectives more precise as methods or action steps towards achieving the goal.

The Task Force then discussed more of the problems that jurisdictions would likely face over the course of the next plan cycle. The discussion included the need for proper household hazardous waste and electronic disposal. Solutions discussed were the publicity of drive through events. Also discussed was the need for yard waste composting facilities and locations for jurisdictions.

The discussion was redirected by Turner to setting measurable and attainable goals, possibly focusing on a few targeted areas. Areas suggested to be focused on were plastic grocery bags and the state bottle bill. The availability of redemption center locations has hindered the bottle and can recycling so it was discussed by the Task Force to promote and publicize donation locations and events. Foster suggested that meetings more frequently in order to keep regional participation and communication open. Foster also mentioned that the current 28E for the plan is dormant and fragmented and one goal should be to revise and implement the agreements to which the Task Force agreed.

Turner then established the next steps for each jurisdiction to review the plan and provide feedback on future goals to her either via email or phone.

The meeting adjourned at 11:40 am.

Respectfully Submitted,
Nick Fratzke

ATTENDANCE RECORD

Meeting: INRCOG Solid Waste Comprehensive Plan Meeting

Date: 4-5-2022 Time: 10:00 AM Location: INRCOG, 3rd Floor Board Room, Waterloo, IA

| Name | Representing |
|-----------------|-------------------------------------|
| Don Shonka | Buchanan County Supervisor |
| Dan Cohen | " Conservation |
| Tim Neil | Brammer Co Supervisors |
| Jeff Finck | Habitat Restore |
| Joel Wilkner | City of Denver |
| Michael Schares | City of Dunkerton |
| John Foster | Black Hawk County Solid Waste Comm. |
| Doyle Smith | City of Cedar Falls ✓ |
| Brianna Heath | City of Cedar Falls ✓ |
| Brittney Lentz | Plainfield Clerk ✓ |
| Tammie Turner | INRCOG |
| Neil Fralick | INRCOG |

Brian Schoon

INRCOG

*** Proof of Publication ***

State of Iowa
Black Hawk County

INRCOG - Legal

229 E PARK AVE.
WATERLOO IA 50703

ORDER NUMBER 210549

I, Michelle Graham, being duly sworn, on oath, do depose and say that I am Customer Services Representative of The Waterloo Cedar Falls Courier and I am authorized to make this affidavit, that The Waterloo Cedar Falls Courier is a daily newspaper regularly published and printed in the English language in the City of Waterloo, Black Hawk County, Iowa, and has a general circulation in the said city and county; and that I personally know that the notice, a true copy of which is hereto affixed, was published in the Waterloo Cedar Falls Courier on the following days, to-wit:

INRCOG SOLID WASTE COMPREHENSIVE PLAN MEETING
The Iowa Northland Regional Council of Governments (INRCOG) Solid Waste Planning Area, including Black Hawk County Solid Waste Management Commission, Bremer County Supervisors, Buchanan County Solid Waste Management Commission, Fayette County Solid Waste Management Commission and Grundy County Solid Waste Management Commission are providing notice of a public meeting related to the development of its five-year solid waste comprehensive plan. The meeting will take place on Tuesday, April 5th at 10:00 AM, at INRCOG, 229 East Park Avenue, Waterloo, Iowa (INRCOG Board Room). Development of the plan is a state requirement for the planning area and must also involve public meetings that allow input into its development. During this public meeting, participants will review the purpose and requirements of the INRCOG Solid Waste Comprehensive Plan, followed by presentations from Habitat for Humanity's ReStore, Sustainable Materials Management, Landfill Alternatives and Technologies, and Waste Diversion programs. Significant time will be spent updating information from the existing plan and setting goals/objectives for the area for the next five years. At this development stage of the plan the public is welcome to attend and provide input. Persons wishing to attend the meeting, should provide an RSVP to Tammy Turner at INRCOG by Monday, April 4th at 10:00 AM. Her phone number is (319) 235-0311 and her email address is tturner@inrcog.org. Questions about the meeting or the plan may also be directed to Tammy Turner at the number and/or email address above.

Section: Legals
Category: 950 Legal Notice
PUBLISHED ON: 03/25/2022

TOTAL AD COST: 23.62
FILED ON: 3/25/2022

That the issues of said paper containing said notice were duly circulated in the regular manner.

Michelle Graham

Sherrie Kilts

Notary Public in and for Said County
SHERRIE KILTS
Commission Number 772917
My Commission Expires
May 9, 2024

IOWA NORTHLAND REGIONAL COUNCIL OF GOVERNMENTS

229 E. Park Ave

Waterloo, Iowa

Solid Waste Management Plan- Draft Review Meeting

Wednesday August 17, 2022

10:00 am

INRCOG Board Room

229 E. Park Ave.

Waterloo, Iowa 50703

Comprehensive Solid Waste Management Plan Meeting Agenda

1. Welcome and Introductions
 - a. Called to order: 10:01 by Brian Schoon
 - i. Attendees in person: Don Shonka (Buchanan County), Tim Neil (Bremer County), City of Waterloo (Scott Brunson), City of Grundy Center (Dan Bangasser),
 - ii. Attendees virtual: Tammy Turner (INRCOG), City of Cedar Falls (Brian Heath), John Foster (BHCSWC)
2. Review Draft of INRCOG Comprehensive Solid Waste Management Plan 8th Revision- Draft can be found at www.inrcog.org (front page)
Tammy Turner, INRCOG
 - Began with overview with PP of the Comp Plan
 - Plan reports on goals of 2016-2020 and sets goals for future plan
 - Named the jurisdictions participating in the plan
 - Plan was provided by link to INRCOG website
 - Pointed out the key elements addressed in plan
 - Past goals and objectives
 - Future goals and objectives

- 27 cities completed surveys
 - Generated feedback as to challenges and
- Discussed Baseline waste Stream Report and formula for equating the waste stream figures
 - Noted reductions and increases
- Discussed HHM's by planning area
- Discussed types of recycling resources by location (jurisdiction)
 - Recycling tonnages by location
- Discussed new waste diversion programs added and lost from last to current plan
 - How has that helped or hindered diversion
 - Glass recycling increased considerably in city of Cedar Falls
 - Cf Styrofoam recycling
 - Modification to Waterloo recycling program
 - Education goals and how they were met
 - Updates and info on IWE
 - Lost organic waste markets in NE IA
- Evaluation of progress toward goals
 - Goals set in last plan and how met
 - Adjustment to tipping fee at BHC landfill
 - Presentations and updates to websites
 - Changes due to Covid
 - Ongoing programs
 - Event recycling
 - Portable recycling locations
 - Updates to HHW events by location
 - Backyard composting can use a little more work
 - Goals of BHCSWC for next 5 years
 - Landfill
 - Educational
 - HHM
 - Recycling programs and diversion
 - Commission will provide grants
 - Work with area groups for diversion (Habitat etc.)
- Turner requested feedback for additional information or alterations to include from group
 - No concerns noted by the group
 - Neil from Bremer CO mentioned that information from Bremer Co can be collected for the table –
 - Brian Heath commended Turner for her work on the plan

- Floodplain impacted the shingle program for the city of Cedar Falls
 - No further comments
 - Moving Forward (Turner)
 - Button up loose ends
 - Collect letters of cooperation from 2 locations
 - Wrap up late august and submit September 1
3. Comments
- a. Commended Turner for her good works
4. Adjourn.
- a. By Schoon @ 10:25 am

*****Please RSVP by 10:00 am on 8-16 to Tammy Turner (tturner@inrcog.org, 319-235-0311) to inform us if you will be joining the in-person meeting on August 17th. We encourage all who can attend in person to join us for reviewing the plan draft. However, if you would like to join virtually, see the instructions below.**

Microsoft Teams meeting

Join on your computer or mobile app

[Click here to join the meeting](#)

Meeting ID: 240 415 401 007

Passcode: BUgGUi

[Download Teams](#) | [Join on the web](#)

Or call in (audio only)

[+1 469-262-1747,,936405824#](tel:+14692621747936405824) United States, Dallas

Phone Conference ID: 936 405 824#

[Find a local number](#) | [Reset PIN](#)

[Learn More](#) | [Meeting options](#)

*** Proof of Publication ***

State of Iowa
Black Hawk County

Public Notice
INRCOG SOLID WASTE
COMPREHENSIVE PLAN MEETING
The Iowa Northland Regional Council of Governments (INRCOG) Solid Waste Planning Area, including Black Hawk County Solid Waste Management Commission, Bremer County Supervisors, Buchanan County Solid Waste Management Commission, Fayette County Solid Waste Management Commission and Grundy County Solid Waste Management Commission are providing notice of a public meeting related to the review of the Plan Draft of its five-year solid waste comprehensive plan. The meeting will take place on Wednesday, August 17th at 10:00 AM, at Iowa Northland Regional Council of Governments (INRCOG), 229 East Park Avenue, Waterloo, Iowa (INRCOG Board Room). Development & review of the plan is a state requirement for the planning area and must also involve public meetings that allow input into its development. During this public meeting, participants will review the draft of the Comprehensive Solid Waste Management Plan- 8th Revision. The draft can be viewed at www.inrcog.org. The public is welcome to attend and provide input. Persons wishing to attend the meeting, should provide a RSVP to Tammy Turner at INRCOG by Tuesday, August 16th at 10:00 AM. Her phone number is (319) 235-0311 and her email address is turner@inrcog.org. Questions about the meeting or the plan may also be directed to Tammy Turner at the number and/or email address above.

INRCOG - Legal

229 E PARK AVE.
WATERLOO IA 50703

ORDER NUMBER 215800

The undersigned, being duly sworn, on oath, do depose and say that I am an authorized employee of the Waterloo Cedar Falls Courier, that The Waterloo Cedar Falls Courier is a weekly newspaper regularly published and printed in the English language in the City of Waterloo, Black Hawk County, Iowa, and has a general circulation in the said city and county; and that I personally know that the notice, a true copy of which is hereto affixed, was published in the Waterloo Cedar Falls Courier on the following days, to-wit:

Section: Legals
Category: 950 Legal Notice
PUBLISHED ON: 08/10/2022

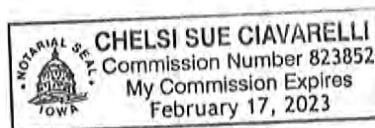
TOTAL AD COST: 24.01
FILED ON: 8/11/2022

That the issues of said paper containing said notice were duly circulated in the regular manner.

Timothy J. Simpson

Chelsi Sue Ciavarelli

Notary Public in and for Said County



RESOLUTION NO. 23-06

A RESOLUTION ADOPTING THE 8TH REVISION OF THE
INRCOG COMPREHENSIVE SOLID WASTE MANAGEMENT PLAN

WHEREAS, §455B.302 of the Code of Iowa requires every city and county of this state to provide for the establishment and operation of a comprehensive solid waste reduction program consistent with the waste management hierarchy under §455B.301A, and a sanitary disposal project for final disposal of solid waste by its residents; and

WHEREAS, §455B.306(1) of the Code of Iowa requires all cities and counties file with the director of the department of natural resources a Comprehensive Solid Waste Management Plan detailing the method by which the city or county will comply with the requirements of §455B.302 to establish and implement a comprehensive solid waste reduction program for its residents; and

WHEREAS, Black Hawk County Solid Waste Management Commission was organized, under Iowa Administrative Code 28E in 1975, to satisfy the requirements of Iowa for the disposition of solid wastes in Black Hawk County with Black Hawk County and its communities as members (Black Hawk County); and,

WHEREAS, a comprehensive plan, as described in §455B.306 of the Code of Iowa has been prepared at the direction of and in participation with the County of Black Hawk, by the Iowa Northland Regional Council of Governments (INRCOG), and dated August 25, 2022; and

WHEREAS, a public meeting was held on August 17, 2022 to review the DRAFT of the INRCOG Planning Area Comprehensive Solid Waste Plan, with input from planning members incorporated post meeting; and

WHEREAS, the Black Hawk County Solid Waste Management Commission has determined that the adoption and implementation of the proposed Comprehensive Solid Waste Management Plan is in the best interest of Black Hawk County with respect to satisfying its statutory duties.

NOW, THEREFORE, IT IS HEREBY RESOLVED BY THE BLACK HAWK COUNTY SOLID WASTE MANAGEMENT COMMISSION:

That the proposed Comprehensive Solid Waste Management Plan is hereby adopted as the Comprehensive Solid Waste Management Plan of the Black Hawk County, and said County hereby reaffirms its commitment to the 25 and 50 percent waste reduction and recycling goals of the State of Iowa.

AND BE IT FURTHER RESOLVED that Black Hawk County shall implement and participate in the programs set forth in the Comprehensive Solid Waste Management Plan.


AND BE IT FURTHER RESOLVED that the Comprehensive Solid Waste Management Plan shall be submitted to the Iowa Department of Natural Resources, on behalf of Black Hawk County in satisfaction of §455B.306(1) of the Code of Iowa.

Dated: August 25, 2022



Brian Heath, Chairman

ATTEST:



John A. Foster, Administrator

BASE-YEAR ADJUSTMENT METHOD REPORT TABLE

NAME OF PLANNING AREA: Iowa Northland Regional Council of Governments

CURRENT YEAR (CY): FY2021 FINAL 09-29-2022

BASE YEAR: FY1988

| FACTORS | Black Hawk | Bremer | Buchanan | Grundy | Fayette | TOTAL | Notes |
|---|-------------------|---------------|-----------------|---------------|----------------|------------------------|---------------------------------|
| <i>STEP 1: Basic Information</i> | | | | | | | |
| 1 Base Year Residential Waste Disposal | 67,628.00 | 10,039.00 | 5,648.10 | 2,175.38 | 11,618.03 | 97,109 | A |
| 2 Base Year Commercial/Industrial Waste Disposal | 173,125.00 | 8,653.00 | 8,959.74 | 1,954.62 | 6,151.97 | 198,844 | B |
| 3 Base Year Total Waste Disposal | 240,753.00 | 18,692.00 | 14,607.84 | 4,130.00 | 17,770.00 | 295,994 | From realignment |
| 4 CY Waste Disposal | | | | | | 189,904 | G |
| 5 Base Year Population | 122,450 | 22,520 | 20,928 | 5,432 | 22,410 | 193,740 | C |
| 6 CY Population | 131,144 | 24,988 | 20,565 | 6,051 | 19,509 | 202,257 | H |
| 7 Base Year Employment | 55,010.00 | 7,500.00 | 4,743.00 | 1,235.00 | 6,310.00 | 74,798.00 | D |
| 8 CY Employment | 66,540.82 | 12,678.60 | 6,441.75 | 3,070.20 | 7,174.50 | 95,905.87 | I |
| 9 Base Year Taxable Sales | \$759,496,544 | \$93,092,488 | \$74,475,662 | \$28,470,667 | \$96,758,937 | \$1,052,294,298 | E |
| 10 CY Taxable Sales | \$1,947,030,946 | \$213,919,468 | \$177,540,879 | \$51,423,257 | \$132,422,708 | \$2,522,337,258 | J |
| 11 Base Year Consumer Price Index | 115.8417 | 115.8417 | 115.8417 | 115.8417 | 115.8417 | 115.8417 | F |
| 12 CY Consumer Price Index | | | | | | 263.1507 | K, FY2021 |
| <i>STEP 2: CY Taxable Sales Corrected for Inflation</i> | | | | | | | |
| 13 Inflation Correction Factor | | | | | | 0.4402105 | F/K |
| 14 CY Corrected Taxable Sales | | | | | | \$1,110,359,334 | J*(F/K) |
| <i>STEP 3: Base Year and Current Year Ratios</i> | | | | | | | |
| 15 Population Ratio (PR) | | | | | | 1.0439610 | H/C |
| 16 Employment Ratio (ER) | | | | | | 1.2821983 | I/D |
| 17 Taxable Sales Ratio (TR) | | | | | | 1.0551795 | (J*F/K)/E |
| <i>STEP 4: Adjustment Factors</i> | | | | | | | |
| 18 Base Year Commercial/Industrial Adjustment Factor | | | | | | 1.1686889 | Average of Lines 16 & 17 |
| 19 Base Year Residential Adjustment Factor | | | | | | 1.1063249 | Average of Lines 15 & 18 |
| <i>STEP 5: Adjusted Base Year Disposal Tonnages</i> | | | | | | | |
| 20 Base Year Adjusted Residential Waste Disposal | | | | | | 107,434 | A * Line 19 |
| 21 Base Year Adjusted Commercial/Industrial Waste Disposal | | | | | | 232,387 | B * Line 18 |
| 22 Base Year Adjusted Total Waste Disposal | | | | | | 339,821 | |
| <i>STEP 6: Goal Progress and Reduction Percentage Results</i> | | | | | | | |
| 23 CY Waste Disposal (from line #4) | | | | | | 189,904 | G |
| 24 Maximum Allowable Disposal to Attain 25 Percent Goal | | | | | | 254,866 | Line 22*0.75 |
| 25 Actual Tonnage Over (or Under) 25 Percent Goal | | | | | | -64,962 | Line 23 minus Line 24 |
| 26 Maximum Allowable Disposal to Attain 50 Percent Goal | | | | | | 169,910 | Line 22*0.5 |
| 27 Actual Tonnage Over (or Under) 50 Percent Goal | | | | | | 19,993 | Line 23 minus Line 26 |
| 28 CURRENT DISPOSAL REDUCTION (PERCENTAGE) | | | | | | 44.12% | (Line 22 minus Line 23)/Line 22 |

| Planning Area (PA) | County | City | 2020 Census | PA Pop. (H) | Pop. % in PA | FY2021 Non-Farm Jobs | Non-Farm Jobs in PA (I) | FY2020 Taxable Sales (J) |
|--------------------|------------|-----------------|----------------|----------------|--------------|----------------------|-------------------------|--------------------------|
| INRCOG | Black Hawk | Cedar Falls | 40,713 | 40,713 | 100% | | | \$715,007,311 |
| INRCOG | Black Hawk | Dunkerton | 842 | 842 | 100% | | | \$9,844,662 |
| INRCOG | Black Hawk | Elk Run Heights | 1,069 | 1,069 | 100% | | | \$34,734,797 |
| INRCOG | Black Hawk | Evansdale | 4,561 | 4,561 | 100% | | | \$31,102,537 |
| INRCOG | Black Hawk | Gilbertville | 794 | 794 | 100% | | | \$1,545,072 |
| INRCOG | Black Hawk | Hudson | 2,546 | 2,546 | 100% | | | \$14,785,991 |
| INRCOG | Black Hawk | La Porte City | 2,284 | 2,284 | 100% | | | \$10,640,094 |
| INRCOG | Black Hawk | Raymond | 759 | 759 | 100% | | | \$5,454,311 |
| INRCOG | Black Hawk | Waterloo | 67,314 | 67,314 | 100% | | | \$1,108,666,160 |
| INRCOG | Black Hawk | zz.Uninc area | 10,262 | 10,262 | 100% | | | \$15,250,011 |
| | | | 131,144 | 131,144 | 100% | 66,541 | 66,541 | \$1,947,030,946 |
| INRCOG | Bremer | Denver | 1,919 | 1,919 | 100% | | | \$18,724,447 |
| INRCOG | Bremer | Frederika | 204 | 204 | 100% | | | |
| INRCOG | Bremer | Janesville | 1,034 | 1,034 | 100% | | | \$8,754,767 |
| INRCOG | Bremer | Plainfield | 393 | 393 | 100% | | | \$3,660,219 |
| INRCOG | Bremer | Readlyn | 845 | 845 | 100% | | | \$5,022,600 |
| INRCOG | Bremer | Sumner | 2,030 | 2,030 | 100% | | | \$21,727,927 |
| INRCOG | Bremer | Tripoli | 1,191 | 1,191 | 100% | | | \$5,814,111 |
| INRCOG | Bremer | Waverly | 10,394 | 10,394 | 100% | | | \$149,978,873 |
| INRCOG | Bremer | zz.Uninc area | 6,978 | 6,978 | 100% | | | \$236,524 |
| | | | 24,988 | 24,988 | 100% | 12,679 | 12,679 | \$213,919,468 |
| INRCOG | Buchanan | Aurora | 169 | 169 | 100% | | | \$1,421,696 |
| INRCOG | Buchanan | Brandon | 341 | 341 | 100% | | | \$641,374 |
| INRCOG | Buchanan | Fairbank | 1,111 | 1,111 | 100% | | | \$15,621,392 |
| INRCOG | Buchanan | Hazleton | 713 | 713 | 100% | | | \$5,724,128 |
| INRCOG | Buchanan | Independence | 6,064 | 6,064 | 100% | | | \$108,148,812 |
| INRCOG | Buchanan | Jesup | 2,508 | 2,508 | 100% | | | \$27,619,028 |
| INRCOG | Buchanan | Lamont | 429 | 429 | 100% | | | \$2,039,608 |
| INRCOG | Buchanan | Quasqueton | 570 | 570 | 100% | | | \$1,729,801 |
| INRCOG | Buchanan | Rowley | 270 | 270 | 100% | | | \$5,317,043 |
| INRCOG | Buchanan | Stanley | 81 | 81 | 100% | | | |
| INRCOG | Buchanan | Winthrop | 823 | 823 | 100% | | | \$6,502,134 |
| INRCOG | Buchanan | zz.Uninc area | 7,486 | 7,486 | 100% | | | \$2,775,863 |
| | | | 20,565 | 20,565 | 100% | 6,442 | 6,442 | \$177,540,879 |
| INRCOG | Fayette | Arlington | 419 | 419 | 100% | | | \$946,951 |
| INRCOG | Fayette | Clermont | 586 | 586 | 100% | | | \$5,262,174 |
| INRCOG | Fayette | Elgin | 685 | 685 | 100% | | | \$5,039,411 |
| INRCOG | Fayette | Fayette | 1,256 | 1,256 | 100% | | | \$5,785,195 |
| INRCOG | Fayette | Hawkeye | 438 | 438 | 100% | | | \$4,516,679 |
| INRCOG | Fayette | Maynard | 476 | 476 | 100% | | | \$2,005,653 |
| INRCOG | Fayette | Oelwein | 5,920 | 5,920 | 100% | | | \$65,462,102 |
| INRCOG | Fayette | Randalia | 50 | 50 | 100% | | | \$501,698 |
| INRCOG | Fayette | St. Lucas | 167 | 167 | 100% | | | \$606,585 |
| INRCOG | Fayette | Wadena | 209 | 209 | 100% | | | \$747,951 |
| INRCOG | Fayette | Waucoma | 229 | 229 | 100% | | | \$3,005,621 |
| INRCOG | Fayette | West Union | 2,490 | 2,490 | 100% | | | \$34,666,391 |
| INRCOG | Fayette | Westgate | 192 | 192 | 100% | | | \$660,193 |
| INRCOG | Fayette | zz.Uninc area | 6,392 | 6,392 | 100% | | | \$3,216,104 |
| | | | 19,509 | 19,509 | 100% | 7,175 | 7,175 | \$132,422,708 |
| RIWMA | Grundy | Beaman | 161 | - | 0% | | | |
| RIWMA | Grundy | Conrad | 1,093 | - | 0% | | | |
| INRCOG | Grundy | Dike | 1,304 | 1,304 | 100% | | | \$6,772,592 |
| INRCOG | Grundy | Grundy Center | 2,796 | 2,796 | 100% | | | \$31,689,622 |
| RIWMA | Grundy | Holland | 269 | - | 0% | | | |
| INRCOG | Grundy | Morrison | 98 | 98 | 100% | | | |
| INRCOG | Grundy | Reinbeck | 1,662 | 1,662 | 100% | | | \$12,961,043 |
| INRCOG | Grundy | Stout | 191 | 191 | 100% | | | |
| RIWMA | Grundy | Wellsburg | 720 | - | 0% | | | |
| RIWMA | Grundy | zz.Uninc area | 4,035 | - | 0% | | | |
| | | | 12,329 | 6,051 | 49% | 6,256 | 3,070 | \$51,423,257 |
| INRCOG | ALL | | | 202,257 | | | 95,906 | \$2,522,337,258 |
| | | | | H | | | I | J |

| PA | Permit # | Facility | County where waste generated | FY2021 Tons, Non Exempt | Released (non HF399) (+) | From another PA (non HF 399) (-) | Disposed Out of State (+) | Generated Out of State (-) | Exceptional Event (-) | FY2021 PA Tons (G) | Excluded because included in Black Hawk Co. Sanitary Lanfill tonnages |
|--------|--------------|---|------------------------------|-------------------------|--------------------------|----------------------------------|---------------------------|----------------------------|-----------------------|--------------------|---|
| INRCOG | 07-SDP-01-75 | Black Hawk County Sanitary Landfill | Black Hawk | 182,475 | 1,617 | | | | | 184,092 | |
| INRCOG | 07-SDP-17-97 | Cedar Valley Recycling & Transfer Company | Black Hawk & Bremer | | | | | | | | 981 |
| INRCOG | 07-SDP-06-82 | City of Cedar Falls Transfer Station | Black Hawk | | | | | | | | 12,426 |
| INRCOG | 10-SDP-02-97 | Waste Management of Independence Transfer Station | Buchanan | | | | 5,812 | | | 5,812 | |
| INRCOG | 33-SDP-07-09 | Fayette County Solid Waste Transfer Station | Fayette | | | | | | | | 9,716 |
| | | | | | | | | | | 189,904 | |

Note: Final disposal for tonnage received at WM Independence Transfer Station is Prairie Hills Landfill, Morrison, IL per quarterly reports.

INTERGOVERNMENTAL AGREEMENT

THIS INTERGOVERNMENTAL AGREEMENT made and entered into this 29th day of June, 1974, by and between the INCORPORATED TOWN OF HUDSON, IOWA, the INCORPORATED CITY OF EVANSDALE, IOWA, the INCORPORATED CITY OF LA PORTE CITY, IOWA, the INCORPORATED CITY OF WATERLOO, IOWA, the INCORPORATED TOWN OF GILBERTVILLE, IOWA, the INCORPORATED TOWN OF DUNKERTON, IOWA, the INCORPORATED TOWN OF ELK RUN HEIGHTS, IOWA, the INCORPORATED TOWN OF RAYMOND, IOWA, the INCORPORATED CITY OF CEDAR FALLS, IOWA, and BLACK HAWK COUNTY, IOWA, in accordance with the provisions of Chapter 28E of the 1973 Code of Iowa, for the purpose of establishing a legal entity to satisfy the requirements of Iowa, for the disposition of solid wastes in Black Hawk County, Iowa, do enter into the following Intergovernmental Agreement.

NOW, THEREFORE, in consideration of the premises and mutual covenants contained herein it is agreed as follows:

- 1) ESTABLISHMENT. The parties establish hereby the Black Hawk County Solid Waste Management Commission which shall be a separate legal entity as contemplated by Section 28E.4 of the 1973 Code of Iowa and shall have the powers and duties and shall be governed as hereinafter provided.
- 2) DURATION. The Black Hawk County Solid Waste Management Commission shall exist perpetually unless terminated as provided herein.
- 3) ORGANIZATION. The Black Hawk County Solid Waste Management Commission shall be governed by an administrative board consisting of five (5) members who shall be appointed as follows:
 - A) One (1) member appointed by the Black Hawk County Board of Supervisors to represent Black Hawk County.
 - B) One (1) member appointed by the City Council of the City of Cedar Falls to represent the City of Cedar Falls.
 - C) Two (2) members appointed by the City Council of the City of Waterloo to represent the City of Waterloo.
 - D) One (1) member who will be elected by majority vote of the governing bodies of the political entities participating in this agreement other than Black Hawk County, Cedar Falls and Waterloo. Each such governing body shall be entitled to one (1) vote in the election of such member.
 - E) The term of office of the Commission members shall be determined by the political entity or entities they represent or until their successors are chosen.
- 4) OFFICERS. The officers of the Black Hawk County Solid Waste Management Commission shall be a Chairman, Vice Chairman and Secretary, all of said officers to be elected for a term of one (1) year at the Commission's organizational meeting of the fourth Thursday in January of each year. The Chairman shall be the principal executive officer of the Commission and shall preside at all meetings of the Commission. The Chairman along with other officers shall perform such duties usually and customarily incidental to such office and such other duties as may be prescribed by the Commission either formally or informally.
- 5) MEETINGS. Regular meetings of the Black Hawk County Solid Waste Management Commission shall be held monthly on the fourth Thursday of each month for a total of at least twelve (12) regular meetings per annum. Special meetings of the membership may be called by the Chairman of said Commission or upon the written request of two (2) members directed to the Chairman. In the case of special meetings, five (5) days' notice shall be given to all members by the Secretary of the said Commission, which notice shall specify the time, place, day and purpose of said meeting.
- 6) RULES. The operating rules of the Black Hawk County Solid Waste Management Commission are described in proposed Bylaws, a copy of which shall be given to each of the participating governmental entities and is by this reference made a part hereof.

- 2 -

- 7) DUTIES. It shall be the responsibility and duty of the Black Hawk County Solid Waste Management Commission on behalf of the governmental entities signing this Agreement to do all things required by the provisions of Chapter 455B, Division IV, Solid Waste Disposal Commissions, Part I, including but not limited to the following:
- A) the leasing or purchasing of real estate;
 - B) the leasing or purchasing of equipment or other personal property;
 - C) the entering into of agreements and contracts for the operation of a sanitary disposal project;
 - D) the establishment of rules for the operation of a sanitary disposal project;
 - E) providing a means for financing the establishment and operation of the sanitary disposal project consistent with the laws of the State of Iowa.
- 8) FINANCING. The undersigned parties agree to pay to Black Hawk County Solid Waste Management Commission for the purpose of purchase, maintenance and general operation of the Black Hawk County Waste Management Commission project a sum, annually, the exact amount of which shall be subsequently agreed upon by the parties hereto and may be based on a per capita assessment as to number of residents residing within each of said undersigned parties, or said sum may be based upon waste delivered to the Black Hawk County Solid Waste Management Commission by the respective undersigned parties, or said sum may be based on some other suitable formula, agreeable to all parties, hereto that the cost of this project and its maintenance shall be shared as equally as possible by the parties hereto indicated by use of the project. Each of the undersigned parties agrees to provide such funds as may be necessary to provide its pro rata share of the assessment hereinbefore referred to.
- 9) TERMINATION. In the event that parties hereto agree to terminate this Intergovernmental Agreement, any assets owned by the Black Hawk Solid Waste Management Commission shall be converted to cash and the proceeds so obtained after repayment of all obligations shall be distributed to the undersigned parties in the same ratio that their respective population bears to the total population of Black Hawk County, Iowa, as determined by the last available United States Government Census. Any parties not wishing to continue their participation in the Black Hawk County Solid Waste Management Commission shall forfeit their interest in the assets of said Black Hawk County Solid Waste Management Commission, except that it is understood that the provisions of Chapter 28F of the 1973 Code of Iowa apply which would only prevent the termination of this Intergovernmental Agreement by one (1) or all of the participating entities under the circumstances therein described.
- 10) PROPERTY. Any real or personal property acquired shall be held and disposed of in the name of Black Hawk County Solid Waste Management Commission, with authority to execute appropriate title documents by signature of the Chairman and Secretary as authorized by the members of the joint Commission.
- 11) PURPOSE. It is understood and agreed that the parties hereto are by this Agreement establishing the Black Hawk Solid Waste Management Commission in order to comply with the legislative mandate contained in Chapter 455B.76 of the 1973 Code of Iowa and are relying one on the other to provide in whatever way may be necessary the required funds for the continued successful operation of said Commission perpetually to the extent allowed and required by the Code of Iowa.

BLACK HAWK COUNTY, IOWA

By: Carl A. Hoffbauer
Chairman
Board of Supervisors

Attest: Howard Gibbs

INCORPORATED TOWN OF HUDSON, IOWA

By: Geo. M. Strayer
Mayor

Attest: Cheryl L. Mell

INCORPORATED CITY OF LA PORTE CITY, IOWA

By: Orville B. Johnson
Mayor

Attest: Marcella Lewis
City Clerk

INCORPORATED CITY OF EVANSDALE, IOWA

By: Joe Hornok
Mayor

Attest: Zita M. Cash
City Clerk

INCORPORATED CITY OF WATERLOO, IOWA

By: Leo P. Ruff
Mayor

Attest: Andrea A. Blomberg
City Clerk

INCORPORATED TOWN OF GILBERTVILLE, IOWA

By: Daniel A. Mashek
Mayor

Attest: B. Blomberg
Town Clerk

INCORPORATED TOWN OF DUNKERTON, IOWA

By: Leslie Stump
Mayor

Attest: Marianne B. Brown
Town Clerk

INCORPORATED TOWN OF ELK RUN HEIGHTS, IOWA

By: David L. Tiller
Mayor

Attest: Sharon Ewell
Town Clerk

INCORPORATED TOWN OF RAYMOND, IOWA

By: Reynold N. Schmitz
Mayor

Blonna Hensler
Town Clerk

INCORPORATED CITY OF CEDAR FALLS, IOWA

By: Jan T. Genn
Mayor

Attest: Kenneth T. Walt
City Clerk

| | | |
|-----------------------|--------------------------------|---------------------------------|
| FILE No. 2121 | FILED FOR RECORD THE 29 DAY OF | STATE IOWA, BUCHANAN COUNTY. |
| RECORDING FEE \$40.00 | MARCH 19 89 AT 11:40 | <i>Jeanne Sherrill</i> Recorder |
| TRANSFER FEE \$ | O'CLOCK A.M. BOOK 504 PAGE 533 | By..... Deputy |

AGREEMENT

PARTICIPATING AGENCY AGREEMENT WITH
THE BUCHANAN COUNTY SOLID WASTE COMMISSION

By virtue of this agreement made and entered into by, between and among the City of Aurora, Iowa; the City of Brandon, Iowa; the City of Fairbank, Iowa; the City of Hazelton, Iowa; the City of Independence, Iowa; the City of Jesup, Iowa; the City of Lamont, Iowa; the City of Quasqueton, Iowa; the City of Rowley, Iowa; the City of Stanley, Iowa; the City of Winthrop, Iowa; and the County of Buchanan, Iowa; (all parties being hereinafter called the "Municipalities"), there is hereby formed the Buchanan County Solid Waste Commission, (hereinafter called the "Commission"), consisting of elected representatives of the governing bodies of the Municipalities participating in this Agreement.

I
AUTHORITY

The Municipalities enter into this agreement under and by virtue of the power to do so granted by Chapter 28E, Code of Iowa, 1987.

II
PURPOSES

1. The purpose of the Commission is as follows:
 - (a) To provide for the economic disposal of all solid waste produced or generated within each member City and County.
 - (b) To cooperate with local, state and federal public health agencies in preventing the contamination and pollution of the land, water and air resources of the area, through the control, collection and disposal of solid waste.
 - (c) To engage such employees and provide offices, equipment, machinery, buildings and grounds as are necessary to adequately perform the functions of the Commission.
 - (d) To contract with member Cities and Counties and with public or private persons, firms or corporations to dispose of solid waste, and to collect payment for such services, and to receive and expend State, Federal and private grants and other monies which may be made available, to the extent permissible under applicable State and Federal laws, and under the rules hereinafter set forth.

III
ORGANIZATION

- (a) The governing body shall be designated as the Commission Board (hereinafter called the "Board"), consisting of an appointed representative of the governing bodies of each participating governmental jurisdiction, or his designated substitute, which substitute shall be approved by the body her represents, with the exception of the County of Buchanan which shall have four representative.
- (b) Each member of the Board shall have one vote.
- (c) A quorum shall consist of a simple majority of the entire Board membership.
- (d) The Chairperson, Vice-Chairperson, Secretary/Treasurer, or Secretary and Treasurer, of the Board shall be elected by majority of Board membership and shall serve for a term of one year or until their respective successors in office are chosen. The incumbent in each said office may succeed themself.
- (e) The Board shall hold at least one meeting annually in January on such date and at said place as determined by the Board. Special meetings may be held at the call of the Chairperson, Vice-Chairperson or majority of the membership of the Board.
- (f) The Board may employ legal counsel, who may be a paid employee one of the members, and who may receive compensation set by the Board for the performance of his duties.

IV
DURATION

- 1. It is the intention of this agreement that the Commission be a permanent organization. Additional municipalities may be added to the membership of the Commission upon a three-fourths vote of all of the members of the Board.
- 2. In the event an additional municipality shall apply for membership in the Commission and said application is considered and approved by the then existing Board, then said municipality may be added to the membership, provided however, that said additional municipality as a condition of membership agrees to abide by the terms of this agreement as set out herein and possess legal power and authority to do so.

V
POWERS

1. The municipalities delegate the following powers to the commission and Board:
 - (a) To cause the disposal of solid waste materials determined by the Board to be appropriate.
 - (b) To contract with all levels of government, other public agencies, private agencies and private individuals or firms, toward the accomplishment of the stated purposes of the Commission, within the limits authorized by law.
 - (c) To receive funds from each member municipality as payment for providing collection and disposal of domestic refuse from residents therein; provided however, that in lieu of receiving such funds from member municipalities, it shall have the power to bill individuals directly for payment for collection services and to receive such payments, for and on behalf of the municipalities.
 - (d) To charge a disposal fee to be collected from all such users of the Commission's disposal facilities as the Board shall direct.
 - (e) To purchase, lease, receive as gifts or donations, or otherwise acquire all land, buildings, equipment and supplies necessary to carry out the functions of the Commission, and to dispose of the same.
 - (f) To make or cause to be made studies and surveys necessary to carry out the functions of the Commission.
 - (g) To contract with and compensate consultants for professional services including but not limited to architects, engineers, planners, lawyers, accountants, rate specialists, and all others found necessary to the stated purposes of the Commission.
 - (h) To issue revenue bonds for the purchase of land and equipment and erection of buildings and other improvements, and to provide for their retirement.
 - (i) To prepare and recommend to member municipalities local ordinances governing refuse collection, transportation and disposal, regulation of private collection haulers, land use regulations, sanitation, burning of private or public wastes, incineration standards and such other regulations as may from time to time be required.

- (j) To exercise any and all powers relative to the efficient disposal of solid water available under then existing laws to each member municipality.
- (k) To prepare by-laws, rules and regulations, fee schedules, and entrance and termination forms and procedures for membership in the Commission.
- (l) To provide for a system of budgeting, accounting, auditing and reporting of all Commission funds and transactions, for a depository, and for the bonding of officers as necessary.
- (m) To consult with representatives of federal, state and local agencies, departments and their officers and employees and to contract with such agencies and departments.
- (n) To exercise any and all other powers consistent with the stated purposes of the Commission available under then existing law to each member municipality.

VI

TECHNICAL COOPERATION FROM MUNICIPALITIES

1. The municipalities agree to respond to reasonable requests to make local records available to the Commission staff and its consultants or employees for the purpose of this agreement, and to ensure that engineers, architects and consultants hired by the municipalities release materials, data and other pertinent items paid for by public funds to the Commission staff to aid in the efficient and effective accomplishment of such purposes.

VII

FINANCING

1. The Board shall prepare a budget based on fiscal years for the operation of the Commission to be adopted in January of the year preceding the budget year.
2. The Board shall request each municipality to provide in its budget for its share of the Commission budget.
3. The Board shall annually adopt a per capita fee, based upon population count as provided in the last completed federal census, for the purpose of budget allocation for each Commission member.
4. The budget allocation from each member shall be paid to the Secretary/Treasurer of the Commission in equal quarterly payments within thirty (30) days after the beginning of each quarter of the fiscal year.

5. Special appropriations may be made by the parties hereto for funding the operation of the Commission prior to the establishment of the budget cycle.
6. Any special or budgetary appropriation adopted by the Commission shall be a membership requirement of each and every municipality and shall upon the municipality's contracting with the Commission thereby constitute a legal liability of the party of such municipality. the failure of a municipality to pay over to the Commission the allotted share of a Commission budget may be considered a momentary withdrawal of that municipality and a default of this Agreement.

VIII
SUSPENSION OF VOTING RIGHTS AND SERVICES

During a period of delinquency by a municipality in the payment to the commission of its share of a budget and before such delinquency is determined a voluntary withdrawal, such municipality shall not be entitled to the services of the Commission, nor shall the municipality be entitled to vote on matters coming before the Board, unless such delinquency shall be waived for voting purposes by a three-quarters vote of the remaining members of the Board.

IX
DISSOLUTION

1. In the event of the withdrawal of any municipality from the Commission, such withdrawing municipality shall be entitled to a pro-rata share of the value of the real and personal property of the Commission. Such share shall be calculated as the percentage of the then value of said property based on the ratio of the funds the withdrawing municipality has provided to the Commission during the period of this agreement to the sum of all funds provided by all municipalities. Funds for the payment of the pro-rata share of such property value shall be provided for in the next succeeding Commission budget cycle and shall be payable within six months of the beginning of the budget year in which the item appears. A withdrawing municipality may waive its pro-rata share of any real or personal property in the possession of the Commission.

2. The Commission shall be completely dissolved and this agreement terminated upon the affirmative three-quarters majority vote of the Board.

3. In the event of complete dissolution of the Commission, any real or personal property shall be sold and the proceeds prorated among the municipalities at the time of dissolution on the basis of the sum of the portions of the budget for the Commission provided by them for and during the period of this agreement. The current budget year shall be used as one of the

years in the calculation if all municipalities have made their proper contribution. If all members have not made their proper contribution, the balance remaining of funds collected during the current year shall be refunded to the contributors before determining the value of the assets of the Commission at dissolution, and said year shall not be used in calculating the shares.

X

MANNER OF ACQUIRING AND HOLDING PROPERTY

1. The Board may lease, purchase, or acquire by any other means, from members or from any other source, such real and personal property as is required for the operation of the Commission and the carrying out of the purposes of this agreement. The Board shall maintain title to all such property in the name of the Commission and shall require the Secretary to maintain an inventory. Property, materials and services shall be acquired or disposed of only upon a majority vote of a quorum attending a duly called Board meeting, provided however, that by the same vote, the Board may authorize the Director to expend such funds as the Board may direct for other authorized purposes of the Commission.

Passed and approved this 6th day of January, 1988.
CITY OF AURORA

Attest:

Richard A. Popho
Mayor, City of Aurora

Dorothy Ehlers
City Clerk, City of Aurora

Passed and approved this 6th day of March, 1988.
CITY OF BRANDON

Attest:

Robert Besbrow
Mayor, City of Brandon

Susan D. Dreyer
City Clerk, City of Brandon

Passed and approved this 16 day of January, 1988.
CITY OF FAIRBANK

Attest:

Maurice E. Skelley
Mayor, City of Fairbank

Evelyn L. Laiter
City Clerk, City of Fairbank

FILE NO. 1048

FILED FOR RECORD THE 6 DAY OF MAY, 1982 AT 4:08 PM.

Helene Frieden, Recorder
Deputy

RECORDING FEE \$ 42.00

TRANSFER FEE \$

IN MISSO. BOOK 26 PAGE 52-65

COURT RECORDER
FAYETTE COUNTY, IOWA

INTERGOVERNMENTAL AGREEMENT CREATING
THE FAYETTE COUNTY SOLID WASTE
MANAGEMENT COMMISSION
(AMENDING AND SUPERSEDING PRIOR JOINT AGREEMENT)

'82 MAY 6 PM 4 08

This agreement is made and entered into as of April 5, 1982, by, between and among the City of Arlington, Iowa; the City of Clermont, Iowa; the City of Donnan, Iowa; the City of Elgin, Iowa; the City of Fayette, Iowa; the City of Hawkeye, Iowa; the City of Maynard, Iowa; the City of Oelwein, Iowa; the City of Randalia, Iowa; the City of St. Lucas, Iowa; the City of Wadena, Iowa; the City of Waucoma, Iowa; the City of Westgate, Iowa; and the City of West Union, Iowa; and the County of Fayette, Iowa representing the unincorporated areas of Fayette County (all parties being hereinafter called the "Municipalities").

WITNESSETH:

ARTICLE I.

CREATION OF THE FAYETTE COUNTY SOLID
WASTE MANAGEMENT COMMISSION

Pursuant to the provisions of Chapter 28E, Code of Iowa, 1979, the Municipalities hereby form and create the Fayette County Solid Waste Management Commission (hereinafter called the "Commission").

ARTICLE II.

DURATION

Section 1. Duration. The duration of this Commission shall be perpetual, unless terminated or dissolved as hereinafter provided.

ARTICLE III.

PURPOSE

Section 1. Purpose. The purpose of the agreement is to create a Fayette County Solid Waste Management Commission. This Commission is established for the purpose of planning, developing, operating and maintaining Solid Waste Facilities for and on behalf of the municipalities who are parties to this agreement to provide solid waste management in Fayette County, Iowa.

ARTICLE IV.

ORGANIZATION

- (a). The governing body of the Commission shall consist of members appointed by each participating municipality or their designated substitute, which substitute shall be a member of and approved by the municipality they represent. Each member of the Commission shall have one vote for each one thousand population or fraction thereof, residing in the municipality represented. Such population shall be ascertained from the most recent federal census or special federal census, which ever is latest, for that municipality. The population of the County of Fayette shall be that of the unincorporated portion of the county.
- (b). There shall be one class of membership in the Commission, which shall be a full membership and each member Municipality shall designate by resolution of its governing body its membership within the Commission.
- (c). A quorum of the Commission shall consist of a majority of the entire membership, regardless of the number of votes held by each member present.
- (d). A majority vote of the Commission as authorization for or as a prerequisite to any certain Commission action shall mean a majority of the total votes represented by the representatives constituting the quorum of the Commission at the meeting at which such action is considered.
- (e). The Chairman and the Vice-Chairman of the Commission shall be elected by majority of Commission membership and shall serve for a term of one year, or until their respective successors in office are chosen. The incumbent in each said office may succeed himself; and annual elections shall be held.
- (f). The Commission shall hold at least one meeting during each three months of the year on dates and at places which shall be determined by the Commission. Special meetings may be held at the call of the Chairman, Vice-Chairman or majority of the membership of the Commission.

ARTICLE IV ORGANIZATION CONT.

(g) The Commission shall elect a six member Executive Board composed of members of the Commission which shall have and exercise such powers of the Commission, during the period of time between meetings of the Commission, as may be lawfully delegated, including without limitation conducting surveys and establishing and operating the solid waste disposal site. The Chairman and Vice-Chairman of the Commission shall serve in that capacity on this Board. The terms of this Board shall be staggered with two members being replaced each year. The terms of the first Board will be staggered from one year to three years. Thereafter members of this Board shall be appointed for a three year term and may succeed themselves. In the event that a member of the Board is replaced by his municipality as a representative to the Commission, his successor as such representative shall succeed to his membership on the Board for the balance of his term.

(h) The Board may hire, subject to the approval of the Commission, such supervisory, clerical and other personnel as are necessary to carry out the functions of the Commission and the Board. The Board shall fix their compensation and benefits, and shall approve all personnel rules, regulations and job descriptions pertaining thereto.

(i) The Board may employ legal counsel, who may be a paid employee of one of the members, and who may receive compensation set by the Commission for the performance of his duties.

ARTICLE V
POWERS AND DUTIES

Section 1. Powers The Commission will have the power to do any and all things necessary to carry out the requirements of Chapter 455B of the 1981 Code of Iowa. Such powers to include but not limited to the power and authority to buy, sell, lease, mortgage, encumber any and all real estate needed and any and all personal property to include machinery and equipment, and the following:

(a) To make and enforce by-laws or rules and regulations for the management and operation of its business and affairs and for the use, maintenance and operation of its facilities and any other of its properties, and to annul the same.

(b) To do and perform any acts and things authorized by Chapters 28E and 28F, Code of Iowa, 1981.

(c) To enter into any and all contracts, execute any and all instruments, and do and perform any and all acts or things necessary, convenient, or desirable for the purpose of the Commission.

(d) To cause the disposal of solid waste material originating within each Municipality pursuant to the contract between the Commission and the Municipality pertinent thereto. Neither the Commission nor the executive board shall have the authority to regulate the manner and method of pickup of any solid waste in any municipality nor shall they have the authority to bind any municipality as to charges for pick-up and delivery unless said municipality shall agree to such regulations by written consent.

(e) To fix, establish and maintain such rates, tolls, fee, rentals or other charges for the services and facilities of the Commission sufficient to pay at all times the cost of maintaining, repairing and operating said facilities, to pay the principal of and interest on bonds of the Commission then outstanding, to provide for replacements, depreciation and necessary extensions and enlargements and to provide a margin of safety.

(f) To make or cause to be made studies and surveys necessary or useful and convenient to carrying out the functions of the Commission.

ARTICLE V POWERS AND DUTIES CONT.

(g) To prepare and recommend to member Municipalities local ordinances governing refuse collection transportation and disposal, regulation of private collection haulers, land use regulations, sanitation, burning of private or public wastes, incineration standards and other such regulations as may from time to time be required.

(h) To provide for a system of budgeting, accounting, auditing and reporting of all Commission funds and transactions, for a depository, and for the bonding of employees.

(i) To borrow money, make and issue negotiable bonds, certificates, bond anticipation notes, refunding bonds and notes and to secure the payment of such bonds, certificates, refunding bonds and notes or any part thereof by a pledge of any or all of the commission net revenue and any other funds which it has a right to, or may hereafter have the right to pledge for such purposes.

(j) To provide in the proceeding authorizing such obligations for remedies upon default in the payment of principal and interest of any such obligations including but not limited to, the appointment of a trustee to represent the holders of such obligations in default and the appointment of a receiver of the Commission's property, such trustee and such receiver to have the powers and duties provided for in the proceeding authorizing such obligations.

(k) To hire employees, fix their compensation, benefits, personnel rules and regulations, and terminate their employment.

(l) To enter into contracts, leases, or other transactions with municipal, county, State or the Federal Government, individuals or private corporations.

Section 2. Duties of the Commission. a.) The duties of this Commission shall be to provide members with satisfactory solid waste disposal facilities and to maintain a cooperative relationship with individual governmental units. b) The duties shall also include adopting by-laws for the operation of the Commission and providing member governments with copies of the official by-laws.

ARTICLE VI

FINANCING:

Section 1. In the performance of its duties, the Commission may accept and expend funds from federal, state or municipal agencies, public or semi-public, or private individuals or corporations, and shall carry out such cooperative undertakings; Each member Municipality shall make payment for providing disposal of domestic solid waste from residents therein.

Section 2. The Commission shall make expenditures for the purchase, lease or rent of required land, facilities, equipment and supplies necessary to carry out the purpose of this agreement. The Commission shall also have the power to sublet or rent any property owned or leased and the income therefrom shall accrue to the Fayette County Solid Waste Management Commission.

Section 3. The Commission shall prepare a budget based on fiscal years for the operation of the Commission to be adopted in December of the year preceding the budget year.

Section 4. The Commission shall request each Municipality unit to provide in its budget for its share of the Commission budget.

Section 5. The Commission, for the purpose of allocating portion of the Commission budget for the retirement of bonds and interest for each Municipality, shall adopt a percentage formula for the Commission membership based upon population as shown by the last official federal census.

Section 6. The share of each budget from each Municipality shall be due and payable to the Solid Waste Fund in quarterly or semi-annual payments to be made within 30 days after the beginning of the pay period of the Commission's budget year.

Section 7. Any budgetary or special appropriation adopted by the Commission shall be a membership requirement of each and every Municipality. The failure of a Municipality to pay over to the Commission the allotted share of a Commission budget may be considered a momentary withdrawal of that Municipality and a default of this Agreement.

Section 8. It is expressly understood that the Commission is to be operated not for profit and no profit or dividend will inure to the benefit of any person.

ARTICLE VII
AENDMENT OF AGREEMENT

Any proposal arrived at by the Commission shall be submitted to the Municipalities for approval. Governing bodies of the Municipalities disapproving a proposal shall submit an amended proposal to the Commission for review. The final proposal shall be resubmitted to the Municipalities for approval. This Agreement shall never be amended in any way so as to adversely affect the interest of the holders of any bonds or other obligations of the Commission.

ARTICLE VIII
MANNER OF ACQUIRING AND HOLDING PROPERTY

The Commission may lease, purchase, or acquire by any other means, from members or from any other source, such real and personal property as it is required for the operation of the Commission and the carrying out of the purpose of this Agreement. The Commission shall maintain title to all such property in the name of the Commission. Property shall be acquired or disposed of only upon a majority vote of a quorum attending a duly called Commission meeting.

ARTICLE IX
SUSPENSION OF VOTING RIGHTS AND SERVICES

During a period of delinquency by a Municipality in the payment to the Commission of its share of a budget and before such delinquency is determined a voluntary withdrawal, such Municipality shall not be entitled to the services of the Commission, nor shall the Municipality be entitled to vote on matters coming before the Board, unless such delinquency shall be waived for voting purposes by a majority vote of the remaining members of the Commission.

ARTICLE X
WITHDRAWAL OR DISSOLUTION

Section 1. The withdrawal of any Municipality from the Commission must be preceded by one year formal notice to the Commission. Such withdrawing Municipality shall not be entitled to a share of the value of the real and personal property of the Commission.

Section 2. The Commission shall be completely dissolved and this Agreement terminated only upon the affirmative majority vote of the Commission. The Commission shall not be dissolved until a procedure is agreed upon for the settlement of all outstanding obligations.

ARTICLE XI

That a certain Agreement to cooperate heretofore entered into by certain of the undersigned creating Fayette County Solid Waste Management Commission is hereby approved, amended or superseded by this Agreement.

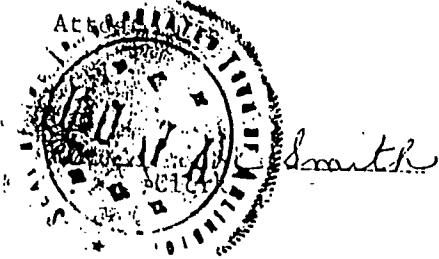
This Agreement may be executed by one or more of the parties hereto separately in any number of counterparts, each of which when so executed and delivered shall be part of the original, and such counterparts together shall constitute one and the same instrument.

In testimony whereof, said Municipalities have caused this Agreement to be executed on their Clerks or Auditor, and the corporate seal of said Municipalities to be affixed hereto all as of the day and year first above written.

(SEAL)

City of Arlington, Iowa

By Brian H. Schreyer
Mayor



February 1, 1982

City of Clermont, Iowa

By Clarence Tatro
Mayor

Attest

Melinda Nims
Clerk

(SEAL)

City of Donnan, Iowa



By Matthew R. Fortin
Mayor

Attest

Beeth M. Holmes
Clerk



City of Elgin, Iowa

By *William [unclear]*
Mayor

Attest

Leo E. Friederich
Clerk

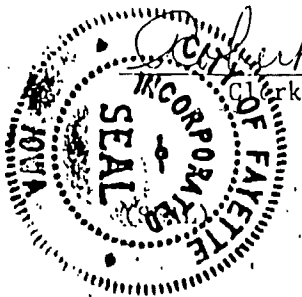
(SEAL)

City of Fayette, Iowa

By *Roy Karlson*
Mayor

Attest

Robert L. Boud
Clerk



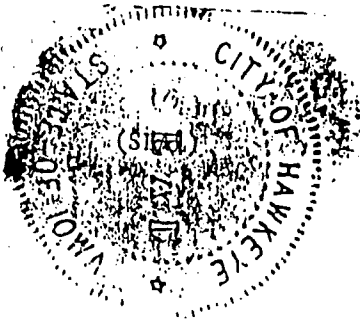
County of Fayette, Iowa

By *Carl Wagner*
Chairman



Attest

Larry Popenhagen
Auditor



City of Hawkeye, Iowa

By Foster A. Schult
Mayor

Attest

Cecilyn Richards
Clerk



City of Maynard, Iowa

By Paul H. Harrison
Mayor

Attest

Bessie Steffen
Clerk



City of Oelwein, Iowa

By George N. Aliano
Mayor

Attest

Hayden S. Smead
Clerk

(SEAL)

City of Karlsruhe, Iowa

By Wm J Brown
Mayor

April 5, 1982

Attest

Healline Winkie
Clerk



City of St. Lucas, Iowa

By James Croath
Mayor

Attest

Kathryn Meyer
Clerk

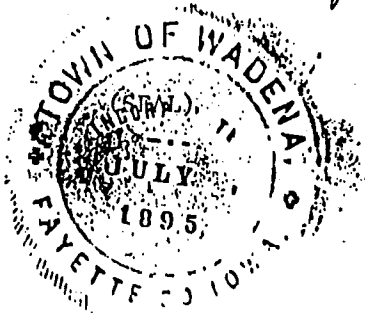
(SEAL)

City of Wadena, Iowa

By Leaher Brock
Mayor

Attest

Sierra Rybswirth
Clerk





(SEAL)

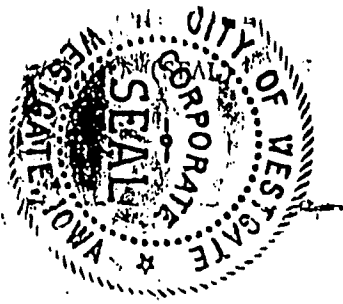
City of Waugoma, Iowa

By F. W. Young
Mayor, F. W. Young

Attest

Lois Langreck
Clerk

Lois Langreck, City Clerk



City of Westgate, Iowa

By Steve M. Krapp
Mayor

Attest

Bessie M. Lewis
Clerk



City of West Union, Iowa

By Charles Waidman
Mayor

Attest

Lucy L. Smith
Clerk

Section 28E.8 1981 Code of Iowa, Filing and Recording

Filed with the Secretary of State of Iowa

this 23rd day of April, 1982

By: Arlene W. W. W.

Title Confidential Secretary

Filed with the Fayette County Recorder

this 6 day of May, 1982

Book 26, Page 52-65

By: Helen Frieden

Title County Recorder

(14)

BOOK 26 PAGE 65

RECORDING FEE \$ - 0 -
SURCHARGE FEE \$ _____
AUDITORS FEE \$ _____

STATE OF IOWA
GRUNDY COUNTY RECORDED

02 JUL 15 AM 11:41

BOOK 2002 PAGE 2082
CHARLES E. KRUSE, RECORDER

Instrument prepared by T. J. Heronimus, 630 G Avenue, Grundy Center, IA 50638,
319-824-6954

Charles E. Kruse
DEPUTY

AGREEMENT

THIS AGREEMENT made and entered into this 11th day of June, 2002, by and between GRUNDY COUNTY, IOWA, hereinafter referred to as First Party, and the CITY OF BEAMAN, IOWA, the CITY OF CONRAD, IOWA, the CITY OF DIKE, IOWA, the CITY OF GRUNDY CENTER, IOWA, the CITY OF HOLLAND, IOWA, the CITY OF MORRISON, IOWA, the CITY OF REINBECK, IOWA, the CITY OF STOUT, IOWA, and the CITY OF WELLSBURG, IOWA, hereinafter referred to as Second Parties, WITNESSETH:

WHEREAS, the Second Parties are all incorporated municipalities situated within the boundaries of First Party, and

WHEREAS, Chapter 455B of the 2001 Code of Iowa requires that every City and County within the State of Iowa shall provide for the establishment and operation of a sanitary disposal project for final disposal of solid waste by its residents, and such a project was established in 1970, and

WHEREAS, the aforesaid laws of the State of Iowa further permit sanitary disposal projects to be established through the cooperative efforts of several public agencies, and

WHEREAS, the disposal of garbage and other wastes is a proper governmental function, and the laws of the State of Iowa grant to First Party and Second Parties authority to provide for said disposal projects, and

WHEREAS, Chapter 28E of the 2001 Code of Iowa and amendments thereto provide that any power or authority capable of exercise by a public agency of

2.

the State of Iowa may be exercised and enjoyed jointly with any other public agency of this State having such power or authority, and

WHEREAS, a majority of the parties hereto were also parties to the original 28E Agreement which expired on December 31, 1981, the second 28E Agreement which expired on December 31, 1991, and the third 28E Agreement which expired on December 31, 2001.

WHEREAS, the parties hereto are desirous of entering into such a joint Agreement for purposes of continuing the operation of a sanitary landfill project for final disposition of solid wastes in Grundy County, Iowa, and are further desirous of making provisions for the joint administration of the said sanitary landfill project.

NOW, THEREFORE, in consideration of the premises and mutual covenants herein contained, it is hereby agreed as follows:

1. That the parties hereto shall join in the operation and maintenance of a sanitary landfill project for the disposal of all solid wastes of their respective residents so as to protect the citizens of the parties hereto from such hazards to their health, safety and welfare that result from the uncontrolled disposal of solid wastes.

2. That First Party, through its Board of Supervisors, agrees to levy appropriate taxes based upon the assessed value of all of the property in the Townships outside the incorporated limits of any City within the boundaries of said County, the funds so obtained to be used for payments of one-half of the costs of maintenance and general operation of the sanitary landfill project, and each of Second Parties agrees to pay to First Party for purposes of maintenance and general operation of the sanitary landfill project a sum, annually, the exact amount of which shall be subsequently agreed upon by the parties hereto and may be based on a per capita assessment as to number of residents residing within each of said municipalities composing Second Parties, or said sum may be based upon tonnage of waste delivered to the sanitary landfill project by the respective Second Parties, or said sum may be based on some other suitable formula, agreeable to all parties, it being the general intention of the parties hereto that the cost of this project and its maintenance shall be paid one-half by the First Party and one-half by the Second Parties. Each of Second Parties agrees to levy such taxes as may be necessary to provide its prorata share of the assessment hereinbefore referred to.

3. That for purposes of administering the sanitary landfill project, not as a separate legal entity but as an administrative body, there is hereby created and established the Grundy County Sanitary Landfill Commission which shall consist of seventeen (17) members. The composition of this Commission shall be determined as follows: Each of the nine (9) individual City Councils shall be entitled to one (1) member; the Grundy County Board of Supervisors shall be entitled to one (1) member; the Grundy County Planning and Zoning Commission shall be entitled to one (1) member; and five (5) members shall be selected from the members of the several Township Trustees of Grundy County, Iowa, but no two (2) or more of said Trustees shall reside in the same Township.

4. The term of office of the Commission members shall be one (1) year and they shall serve from the 1st day of January until the 31st day of December or until their successors are chosen. The terms of all members chosen to serve on the initial Commission shall extend until the 31st day of December, 2002, or until their successors are chosen. The Grundy County Board of Supervisors at its organizational meeting in January of each year that this Agreement is in force shall appoint one (1) of its members to serve on the Commission and the said Board of Supervisors shall also appoint five (5) Grundy County Township Trustees to serve on said Commission. The Grundy County Board of Health and the Grundy County Planning and Zoning Commission shall similarly appoint one (1) member from their respective organizations to serve on said Commission, and each of the aforesaid Second Parties at the respective organizational meetings of their Councils in January of each year shall appoint one (1) member of their City Council to serve on said Commission. Vacancies occurring in the membership of the Grundy County Sanitary Landfill Commission shall be filled by appointment of the organization whose representative has vacated his office.

5. Regular meetings of the Grundy County Sanitary Landfill Commission shall be held quarterly on the second Thursday of January, April, July and October of each year for a total of four (4) regular meetings per annum. Special meetings of the membership may be called by the Chairman of said Commission or upon the written request of six (6) members directed to the Chairman. In the case of special meetings, five (5) days written notice by ordinary mail shall be given to all members by the Secretary of the said Commission, which notice shall specify the time, place, day and purpose of said meeting.

6. The officers of the Grundy County Sanitary Landfill Commission shall be a Chairman, Vice Chairman and Secretary, all of said officers to be elected for a term of one (1) year at the Commission's organizational meeting on the fourth Monday in January of each year. The members of the Commission shall have authority to adopt Bylaws to govern the operations of said Commission, and these Bylaws may provide for an Executive Committee to administer the affairs of said Commission.

7. This Agreement shall terminate on the 31st day of December, 2011, but may be renewed for an additional term of years upon ratification by the parties hereto.

4.

8. In the event this Agreement is not renewed on the termination date as set forth in paragraph 7 above or in the event the parties hereto agree to terminate this Agreement, any assets owned by the Grundy Sanitary Landfill Commission shall be converted to cash, and the proceeds so obtained shall be distributed to the parties in the same ratio that their respective populations bear to the total population of Grundy County, Iowa, as determined by the last available United States Government Census. In the event a majority of the parties to this Agreement elect to renew this Agreement upon its termination date, then any parties not wishing to continue their participation in the Grundy County Sanitary Landfill Project shall forfeit their interest in the assets of said Grundy County Sanitary Landfill Commission.

9. In the event it should become necessary to discontinue operation of the sanitary landfill by direction of County, State or Federal authority, legislation or regulation or in the event the Grundy County Sanitary Landfill Commission should determine that the sanitary landfill project is to be discontinued during the term of this Agreement, or at the termination hereof or at any time subsequent to the discontinuance of the sanitary landfill, then any costs of discontinuance of the project and closing the landfill site shall be paid by the parties hereto in the same ratio as hereinbefore set forth in paragraph 8 concerning the division of assets. Discontinuation of membership in the project by any party during the term of this Agreement or at any time subsequent thereto shall not relieve said party of its proportionate responsibility for closing costs.

10. Any real or personal property acquired by the Grundy County Sanitary Landfill Commission shall be acquired, held and disposed of in the name of Grundy County, Iowa, with authority vested in the Grundy County Board of Supervisors, or its officers, to execute appropriate title documents.

GRUNDY COUNTY, IOWA

By: Don Scheldorff
Chairman, Board of Supervisors

ATTEST: Mary L. Schmidt
County Auditor

- First Party -



5.

CITY OF BEAMAN, IOWA

By: *Scott L. Wilson*
Mayor

ATTEST: *Sharon Steinhagen*
City Clerk

CITY OF CONRAD, IOWA

By: *Kenny Sanderson*
Mayor

ATTEST: *Denise R. Hoy*
City Clerk

CITY OF DIKE, IOWA

By: *Donald Knudson*
Mayor

ATTEST: *Patti Greese*
City Clerk

CITY OF GRUNDY CENTER, IOWA

By: *Jack Steimery*
Mayor

ATTEST: *Richard R. [unclear]*
City Clerk

CITY OF HOLLAND, IOWA

By: *Mary Jane [unclear]*
Mayor

ATTEST: *Kevin M. Renton*
City Clerk

CITY OF MORRISON, IOWA

By: *Delpha M. Sorensen*
Mayor

ATTEST: *Peggy L. Husmann*
City Clerk

CITY OF REINBECK, IOWA

By: *Tom C. Larsen*
Mayor

ATTEST: *[unclear]*
City Clerk

CITY OF STOUT, IOWA

By: *Linda K. Healey*
Mayor

ATTEST: *Bhroa J. [unclear]*
City Clerk

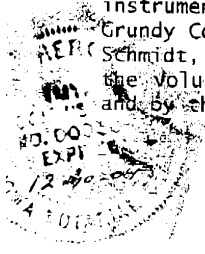
CITY OF WELLSBURG, IOWA

By: *Arthur H. Juchter*
Mayor

ATTEST: *Wendy Lage*
City Clerk

STATE OF IOWA)
) ss:
Grundy County)

On this 15th day of July, 2002, before me, the undersigned, a Notary Public in and for the State of Iowa, personally appeared Don Schildroth and Mary L. Schmidt, to me personally known, who being by me duly sworn did say that they are the Chairman of the Grundy County Board of Supervisors and the County Auditor, respectively; that the within and foregoing instrument was signed on behalf of Grundy County, Iowa, by authority of the Grundy County Board of Supervisors and that the said Don Schildroth and Mary L. Schmidt, as such officers acknowledged the execution of said instrument to be the voluntary act and deed of said Grundy County Board of Supervisors, by it and by them voluntarily executed.



[Signature]
_____, Notary
Public in and for the State of Iowa.

STATE OF IOWA)
) ss:
Grundy County)

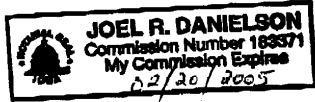
On this 9th day of May, 2002, before me, the undersigned, a Notary Public in and for the State of Iowa, personally appeared Scott L. Wilson and Lavonne Steinhagen, to me personally known, who being by me duly sworn did say that they are the Mayor and City Clerk of the City of Beaman, Iowa, that the within and foregoing instrument was signed on behalf of said City of Beaman, Iowa, by authority of the City Council and that said Scott L. Wilson and Lavonne Steinhagen as such officers acknowledged the execution of said instrument to be the voluntary act and deed of said City of Beaman, Iowa, by it and by them voluntarily executed.



[Signature]
Marianne A. Gore, Notary Public
in and for the State of Iowa.

STATE OF IOWA)
ss:
Grundy County)

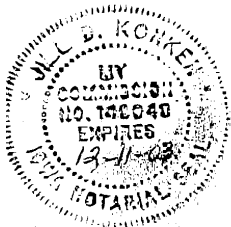
On this 30th day of April, 2002, before me, the undersigned, a Notary Public in and for the State of Iowa, personally appeared Kenny Sanderson and Denise L. Hey, to me personally known, who being by me duly sworn did say that they are the Mayor and City Clerk of the City of Conrad, Iowa, that the within and foregoing instrument was signed on behalf of said City of Conrad, Iowa, by authority of the City Council and that said Kenny Sanderson and Denise L. Hey as such officers acknowledged the execution of said instrument to be the voluntary act and deed of said City of Conrad, Iowa, by it and by them voluntarily executed.



Joel R. Danielson
Joel R. Danielson, Notary Public
in and for the State of Iowa.

STATE OF IOWA)
ss:
Grundy County)

On this 15th day of May, 2002, before me, the undersigned, a Notary Public in and for the State of Iowa, personally appeared Patti Freese and Don Knudsen, to me personally known, who being by me duly sworn did say that they are the Mayor and City Clerk of the City of Dike, Iowa, that the within and foregoing instrument was signed on behalf of said City of Dike, Iowa, by authority of the City Council and that said Patti Freese and Don Knudsen as such officers acknowledged the execution of said instrument to be the voluntary act and deed of said City of Dike, Iowa, by it and by them voluntarily executed.



Jill D. Konken
Jill D. Konken, Notary Public
in and for the State of Iowa.

STATE OF IOWA)
 ss:
Grundy County)

On this 3rd day of April, 2002, before me, the undersigned, a Notary Public in and for the State of Iowa, personally appeared Jack Stumberg and Richard A. Rieseberg, to me personally known, who being by me duly sworn did say that they are the Mayor and City Clerk of the City of Grundy Center, Iowa, that the within and foregoing instrument was signed on behalf of said City of Grundy Center, Iowa, by authority of the City Council and that said Jack Stumberg and Richard A. Rieseberg as such officers acknowledged the execution of said instrument to be the voluntary act and deed of said City of Grundy Center, Iowa, by it and by them voluntarily executed.



Shelley Westerman
_____, Notary Public
in and for the State of Iowa.

STATE OF IOWA)
 ss:
Grundy County)

On this 31st day of May, 2002, before me, the undersigned, a Notary Public in and for the State of Iowa, personally appeared Mary Jane North and Jean M. Ralston, to me personally known, who being by me duly sworn did say that they are the Mayor and City Clerk of the City of Holland, Iowa, that the within and foregoing instrument was signed on behalf of said City of Holland, Iowa, by authority of the City Council and that said Mary Jane North and Jean M. Ralston as such officers acknowledged the execution of said instrument to be the voluntary act and deed of said City of Holland, Iowa, by it and by them voluntarily executed.



Doree Venenga
_____, Notary Public
in and for the State of Iowa.

STATE OF IOWA)
 ss:
Grundy County)

On this 17th day of June, 2002, before me, the undersigned, a Notary Public in and for the State of Iowa, personally appeared Delpha Sorensen and Peggy Husmann, to me personally known, who being by me duly sworn did say that they are the Mayor and City Clerk of the City of Morrison, Iowa, that the within and foregoing instrument was signed on behalf of said City of Morrison, Iowa, by authority of the City Council and that said Delpha Sorensen, Mayor and Peggy Husmann, City Clerk as such officers acknowledged the execution of said instrument to be the voluntary act and deed of said City of Morrison, Iowa; by it and by them voluntarily executed.



Julie Ann Bachman
Grundy County, Notary Public
in and for the State of Iowa.

STATE OF IOWA)
 ss:
Grundy County)

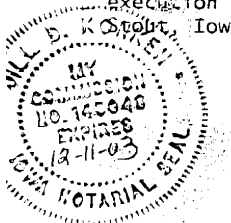
On this 18th day of April, 2002, before me, the undersigned, a Notary Public in and for the State of Iowa, personally appeared Lon C. Larsen and Quentin Mauberry to me personally known, who being by me duly sworn did say that they are the Mayor and City Clerk of the City of Reinbeck, Iowa, that the within and foregoing instrument was signed on behalf of said City of Reinbeck, Iowa, by authority of the City Council and that said Mayor and City Clerk as such officers acknowledged the execution of said instrument to be the voluntary act and deed of said City of Reinbeck, Iowa, by it and by them voluntarily executed.



Janalyn J. Harris
Grundy County, Notary Public
in and for the State of Iowa.

STATE OF IOWA)
) ss:
Grundy County)

On this 12th day of July, 2002, before me, the undersigned, a Notary Public in and for the State of Iowa, personally appeared Brenda J Loop and Linda K Henley, to me personally known, who being by me duly sworn did say that they are the Mayor and City Clerk of the City of Stout, Iowa, that the within and foregoing instrument was signed on behalf of said City of Stout, Iowa, by authority of the City Council and that said Brenda J Loop and Linda K Henley as such officers acknowledged the execution of said instrument to be the voluntary act and deed of said City of Stout, Iowa, by it and by them voluntarily executed.



Jill D Koster

Notary Public
in and for the State of Iowa.

STATE OF IOWA)
) ss:
Grundy County)

On this 13 day of April, 2002 before me, the undersigned, a Notary Public in and for the State of Iowa, personally appeared Arthur S. Jurschans and Wendy Kape, to me personally known, who being by me duly sworn did say that they are the Mayor and City Clerk of the City of Wellsburg, Iowa, that the within and foregoing instrument was signed on behalf of said City of Wellsburg, Iowa, by authority of the City Council and that said Arthur S. Jurschans and Wendy Kape as such officers acknowledged the execution of said instrument to be the voluntary act and deed of said City of Wellsburg, Iowa, by it and by them voluntarily executed.



Eileen Murra

Notary Public
in and for the State of Iowa.

March 18, 2009

Black Hawk County Solid Waste Commission
P.O. Box 208
Waterloo, IA 50704

Re: Fayette County Solid Waste Management Commission

Dear Friends:

Please consider this letter a request to approve the Fayette County Solid Waste Management Commission to deposit solid waste in your landfill. Also find enclosed a copy of the Resolution passed at the Commission meeting held on March 17, 2009.

Sincerely,


Duane Brandt

ldb

Enclosure

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**RESOLUTION REQUESTING APPROVAL OF
SOLID WASTE TO BLACK HAWK COUNTY LANDFILL**


WHEREAS, the Fayette County Solid Waste Management Commission seeks permission to deposit solid waste in the Black Hawk County Landfill and the Black Hawk Solid Waste commission has requested a formal written request to do so:

NOW THEREFORE, BE IT RESOLVED BY THE FAYETTE COUNTY SOLID WASTE WASTE MANAGEMENT COMMISSION:

The Fayette County Solid Waste Management Commission requests permission to transport and deposit solid waste in the Black Hawk County Landfill. Said waste shall be deposited upon approval of the Iowa Department of Natural Resources, amendment of the appropriate comprehensive plans, approval of the Black Hawk County Solid Waste Commission and 15 days prior written notice by the Fayette County Solid Waste Management Commission of the commencement of delivery of the solid waste.

PASSED AND ADOPTED this 17 day of March, 2009.

**FAYETTE COUNTY SOLID WASTE
MANAGEMENT COMMISSION**



Duane Brandt
Chairperson

FAYETTE COUNTY SOLID WASTE MANAGEMENT COMMISSION

Duane Brandt, Chairman
319-283-1495

Dave Klimesh, Vice Chairman
563-776-7971

P.O. Box 269
West Union, Iowa 52175
563-422-3552

August 18, 2009

Leslie Bullock Goldsmith
Comprehensive Planning & Assistance
Iowa Department of Natural Resources
502 E. 9th St.
Des Moines, Iowa 50319-0034

Re: Request to join Iowa Northland Regional Council of Governments (INRCOG)
Comprehensive Planning Area

Dr. Ms. Goldsmith:

The Fayette County Solid Waste Management Commission governs solid waste issues for all of the cities and the unincorporated area in Fayette County is currently a member of the Fayette County Solid Waste Management Commission Planning Area. Because we are closing our landfill, we have formally requested and have received permission from the Black Hawk County Solid Waste Management Commission to deposit our waste, approximately 10,000 ton per year, at the Black Hawk County Sanitary Landfill beginning sometime in late 2009.

Please consider this letter our official request for approval to join the INRCOG Solid Waste Comprehensive Planning Area. Our next comprehensive plan update is due on 1/1/2010, but understand that if this request is approved we would update our plan as part of the INRCOG plan update which is due 11/01/2010.

If you have any questions or need further information please contact me (563)425-3037.

Sincerely,



Duane Brandt
Chairman, Fayette County Solid Waste Management Commission

cc: Joan Swenka, Coordinator Fayette County Sanitary Landfill
Ben Kvigne, Iowa Northland Regional Council of Governments
Brett Vette, Black Hawk County Solid Waste Management Commission

**RESOLUTION STATING COMMITMENT TO THE IOWA NORTHLAND REGIONAL
COUNCIL OF GOVERNMENTS COMPREHENSIVE PLAN**

WHEREAS, the Fayette County Solid Waste Management Commission has requested permission to join the Iowa Northland Regional Council of Governments Comprehensive Planning Area,

**NOW THEREFORE, BE IT RESOLVED BY THE FAYETTE COUNTY SOLID
WASTE MANAGEMENT COMMISSION:**

If accepted into this plan, the Fayette County Solid Waste Management Commission hereby states its commitment to the Comprehensive Plan of the Iowa Northland Regional Councils of Governments Planning Area and that it will work to implement this comprehensive plan.

PASSED AND ADOPTED this 18 day of August, 2009.

**FAYETTE COUNTY SOLID WASTE
MANAGEMENT COMMISSION**



Duane Brandt
Chairperson

RESOLUTION NO. 10-005

A RESOLUTION CONCERNING THE ACCEPTANCE
BY THE BLACK HAWK COUNTY SANITARY LANDFILL
OF SOLID WASTE GENERATED IN FAYETTE COUNTY, IOWA

WHEREAS, The Fayette County Solid Waste Management Commission ("Fayette") has requested that the Black Hawk County Solid Waste Management Commission ("Black Hawk") agree to accept solid waste generated in the cities and unincorporated areas of Fayette County, Iowa, ("Fayette Waste"); and

WHEREAS, Fayette is not included in the Iowa Northland Regional Council of Governments ("INRCOG") Comprehensive Planning Area approved as the Solid Waste Management Plan Fifth Revision 2008; and

WHEREAS, Fayette has initiated action to become a part of the INRCOG Comprehensive Plan by request to the Iowa Northland Regional Council of Governments and to the Iowa Department of Natural Resources; and

WHEREAS, Black Hawk, after review of the request by Fayette, now determines that acceptance of the Fayette Waste would be reasonable and proper, subject to the approval of INRCOG, and acceptance by the Iowa Department of Natural Resources of the change to the Comprehensive Plans submitted to include Fayette County as a member of the INRCOG Comprehensive Plan.

NOW, THEREFORE, BE IT RESOLVED that Black Hawk agrees to accept Fayette County Waste for final disposal at the Black Hawk County Sanitary Landfill, contingent upon and subject to all necessary documents being filed and accepted by the Iowa Department of Natural Resources, the Iowa Northland Regional Council of Governments, and the INRCOG Comprehensive Planning Area, the Fayette County Solid Waste Management Commission, and the Black Hawk County Solid Waste Management Commission.

PASSED and ADOPTED this 27th day of August, 2009.

John Mardis, Chairperson

September 25, 2009



INRCOG
Iowa Northland
Regional Council
Of Governments

229 E. Park Ave.

Waterloo, IA 50703

Phone 319-235-0311

Fax 319-235-2891

Ms. Leslie Bullock Goldsmith
Iowa Department of Natural Resources
Comprehensive Planning and Assistance
900 East Grand
Des Moines, Iowa 50319

Subject: Iowa Northland Regional Council of Government's acceptance of Fayette County Solid Waste Management Commission into Solid Waste Comprehensive Planning Area.

Dear Ms. Goldsmith:

This letter serves as the Iowa Northland Regional Council of Government's (INRCOG) approval of the Fayette County Solid Waste Management Commission's (Fayette) request to join the INRCOG Comprehensive Solid Waste Management Planning Area.

Fayette is currently in the process of constructing a transfer station at the Fayette County Landfill. When the construction is complete, Fayette's solid waste will be picked up from the communities in Fayette County and brought to the transfer station where it will be loaded into semi trailers and brought to Black Hawk County Landfill for final disposal.

Fayette currently promotes waste reduction and recycling by prohibiting yard waste, CRT's, and card board from the landfill. Fayette provides a container at the landfill site for cardboard and provides recycling for scrap metal, batteries, used oil, fluorescent tubes, appliances, CRT's and other electronics at their facility.

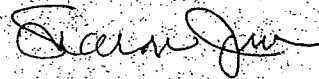
Each city within the county has recycling containers for newspaper/magazines, tin cans, plastic, and glass. Each city also provides a yard waste facility for the local residents to access. This material is then generally ground and composted.

All recycling efforts currently in place will continue after Fayette has joined the INRCOG Comprehensive Solid Waste Management Planning Area. Fayette will be responsible for future implementation and monitoring of the waste reduction and recycling efforts within Fayette County as well as solid waste and recycling education to the public.

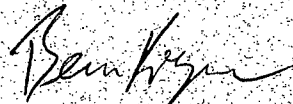
According to the most current available records from Fayette, the total tonnage for Fiscal Year 2008 was 10,613.59 tons. The total tonnage taken in by Black Hawk County Landfill was 170,956.34 tons.

After close review of the Fiscal Year 2007 Fayette County Solid Waste Comprehensive Management Plan, it has been determined that the waste from Fayette will have no significant impact on reduction percentages, cost to other users, or the life of the Black Hawk County Landfill. Therefore INRCOG consents to Fayette County becoming a part of the INRCOG Planning Area and will include them in the Comprehensive Solid Waste Management Plan which is due November 1, 2010.

Sincerely,



Sharon Juon
Executive Director



Ben Kvigne
Environmental Planner

CC: Joan Swenka, Coordinator
Fayette County Sanitary Landfill

Duane Brandt, Chairman
Fayette County Solid Waste Management Commission

Brett Vette, Administrator
Black Hawk County Solid Waste Management Commission



September 30, 2009

BEN KVIGNE
IOWA NORTHLAND REGIONAL COUNCIL OF GOVERNMENTS
229 E. PARK AVENUE
WATERLOO IA 50703

IOWA NORTHLAND REGIONAL COUNCIL OF GOVERNMENTS (INRCOG)
**Planning Area
Amendment Request
APPROVAL**

The request to amend all cities and the unincorporated areas of Fayette County into the INRCOG Planning Area is approved, effective October 1, 2009.

The amended INRCOG planning area description is: All cities and the unincorporated area in Black Hawk County; all cities and the unincorporated area in Bremer County; all cities and the unincorporated area in Buchanan County; and the cities of Dike, Grundy Center, Morrison, Reinbeck and Stout in Grundy County; all cities and the unincorporated area in Fayette County. (Updated 10/1/09)

The INRCOG County planning area baseline information shall be amended to include the following information from Fayette:

| | |
|--------------------------------|--------------|
| BYA Base Year | 1988 |
| Base Year Total Waste Disposal | 17,770.00 |
| Base Year Population | 22,410.00 |
| Base Year Employment | 6,310.00 |
| Base Year Taxable Sales | \$96,758,937 |

The 5th round comprehensive plan update for INRCOG Planning Area was approved on March 25, 2008. Fayette's last update was approved March 1, 2008. As per Iowa Administrative Code 567-101.13(7), Fayette's required comprehensive planning information will be included in the INRCOG update, due November 1, 2010.

Please note 567-101.13(7)d. says the city/county (or 28E if that is how the Fayette Planning Area is organized) must submit a resolution stating commitment to the INRCOG comprehensive plan. I've included a sample resolution for that purpose.

Because the next INRCOG Comprehensive Plan Update is due in November of 2010, it makes sense to include such a resolution with that plan. That way, Fayette residents can have input and be part of the whole plan update process. Until then, according to your letter, the county will keep up current waste reduction and recycling activities.

Please contact Becky Jolly if you have any questions about record-keeping and which quarterly reports are necessary for the various facilities in the Planning Area. Her email is: becky.jolly@dnr.iowa.gov. I am available to assist with all types of program information and activities. I'd enjoy the opportunity to speak to the INRCOG board about the benefits household hazardous waste and other management programs.

Sincerely,



Leslie Bullock Goldsmith, Comprehensive Planning and Assistance
IDNR, Land Quality Bureau
leslie.goldsmith@dnr.iowa.gov, Phone: 515-281-8499

Cc: Duane Brandt, Fayette County Solid Waste Comm., PO Box 269 West Union, IA 52175
Brett Vette, Black Hawk County Landfill, 229 East Park PO Box 208 Waterloo, IA 50704
Bob Bamsey, AECOM 501 Sycamore St Suite 222, Waterloo IA 50703

Email: IDNR, Angie Clark, Matt Phoenix, Field Office #1