



Resource Recycling Systems
Sustainable Systems for a Waste-Free Future

CHIPPEWA COUNTY RU MATERIALS RECOVERY FACILITY STUDY

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Chippewa County Recycling Advisory Committee
September 18, 2013

AGENDA

- Introductions
- Advisory Committee members
- Responsible Unit (RU) representatives
- Overall Goal of Study
- Committee Charge
- Key Findings - Phase 1
- Phase 2 - Activities & Schedule
- RFI - Background/Purpose



MUNICIPAL PARTNERS LIST

Cities & Villages

City of Bloomer

City of Chippewa Falls

City of Stanley

Village of Lake Hallie

Village of Cadott

Towns

Town of Anson

Town of Eagle Point

Town of Lafayette

Town of Wheaton



ROLE OF RESPONSIBLE UNITS

COUNTY DUTIES AND RESPONSIBILITIES

- (1) Adopt a resolution pursuant to Wis. Stat. § 159.09 designating the County as the "Responsible Unit" for Chippewa County.
- (2) Develop programs to insure eligibility and apply for grants in compliance with Wisconsin recycling laws.
- (3) Initiate recycling education programs throughout Chippewa County.
- (4) In cooperation with local units of government, adopt and enforce ordinances to assure compliance with Act 335.
- (5) Distribute to the Chippewa County municipalities a proportionate share of state grants received pursuant to Wis. Stat. § 159.23.

ROLE OF RESPONSIBLE UNITS

LOCAL MUNICIPALITY DUTIES AND RESPONSIBILITIES

- (1) Individually, or in association with other local municipalities and/or private vendors, develop and maintain a recycling collection system which satisfies effective recycling criteria.
- (2) Arrange for transport of recyclables to processors and/or end markets.
- (3) Pay the costs for materials delivered from their municipality for recycling through appropriations, grants and other means implemented through local budgeting procedures.

PURPOSE OF STUDY

- Determine if efficiencies can be gained by consolidating RU member recyclables and marketing them to a Materials Recovery Facility (MRF)
- If potential efficiencies are identified, describe options for RU members to participate



ADVISORY COMMITTEE CHARGE

Duties and Responsibilities

An ad hoc Project Stakeholders Group (PSG) has been formed to assure structured communication between the County RU, the consultants who are conducting the Phase II MRF study, and municipalities in the Chippewa Falls Urban Area who are participating in the study.

Specific duties and assigned tasks are as follows:

1. Participate in periodic project review and planning meetings conducted by the County Responsible Unit to track progress, solicit feedback, and seek input on planned project tasks.
2. Review and comment on the information and communications plan for the project.
3. Review and comment on the information gathered through request for information.
4. Assist in the dissemination of information generated through the project.
5. Review and provide comments on periodic status reports prepared by the project consultants.
6. Review and provide comments on working draft(s) on the final project report (June 2014).



ADVISORY COMMITTEE CHARGE

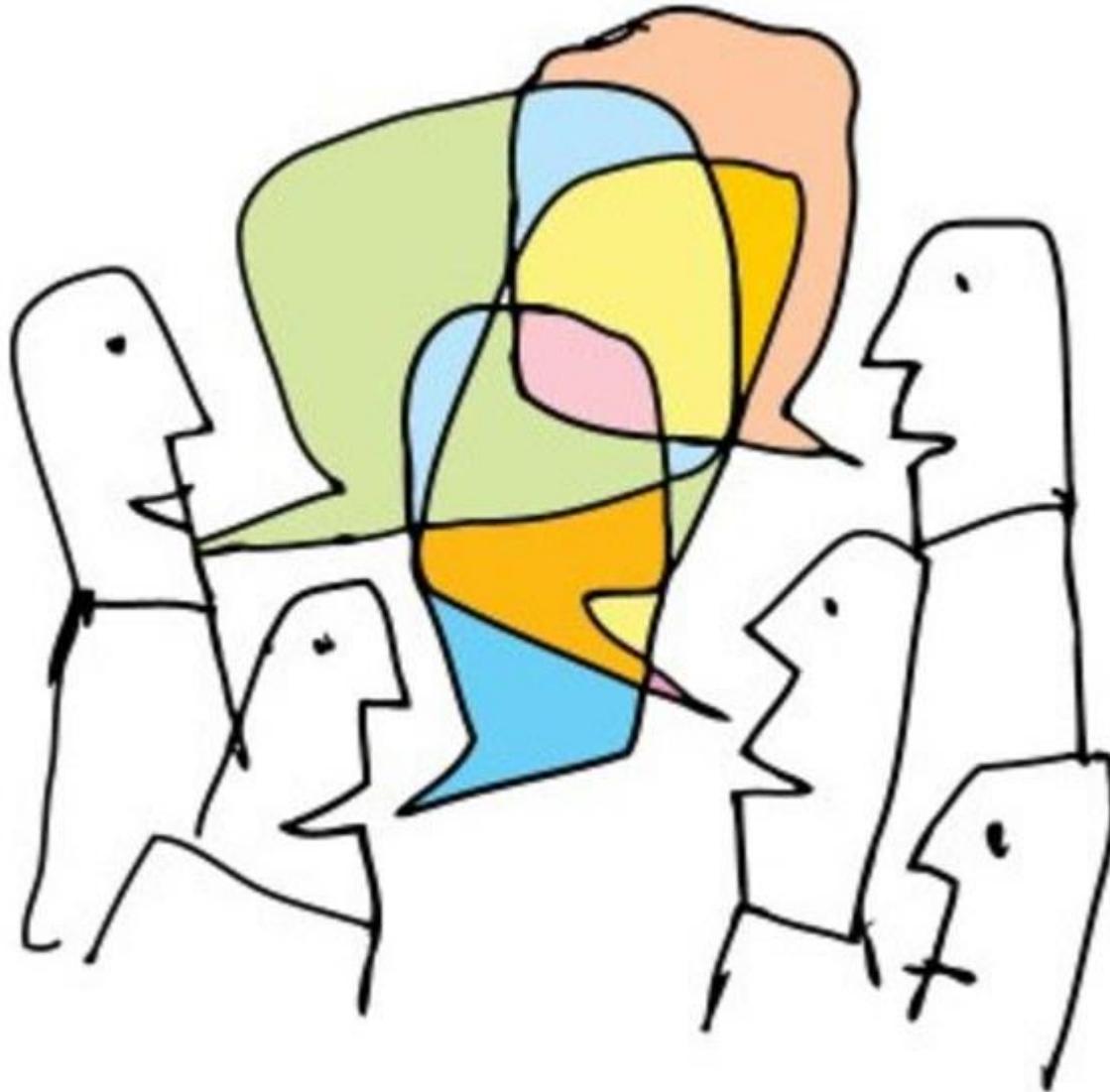
Term of Ad Hoc Committee, Reimbursement, and Anticipated Meetings

The stakeholders group will serve during the full term of Phase II of the study, anticipated from September 18, 2013 – June 30, 2014.

A tentative schedule of anticipated meetings to initiate and implement the project is provided in Table 1 – Project Workflow and Activities Schedule.

The term of the Ad Hoc Committee may be extended if it is agreed that there is value in redefining its role to facilitate further project Phase II.

GROUP REVIEW / INPUT



RESULTS OF PHASE ONE-KEY FINDINGS

- Recyclable Materials Market Analysis Report
 - Recyclables markets are variable
 - Materials have value and will likely continue to have value
- Recyclable Materials Volume Analysis Report
 - Estimated how much recyclables generated in County currently by RU members
 - Projected potential volumes that could be achieved by moving toward “best practices”

RESULTS OF PHASE ONE-KEY FINDINGS

- MRF Options Analysis Report
 - **Option #1:** Expand the two (2) existing municipally owned and operated material recovery facilities (MRFs) in Chippewa County
 - 1a = expanded “super” drop off/MRF/Transfer at Lake Wis.-C.F.-Hallie
 - 1b = upgrade Bloomer MRF
 - **Option #2:** Expand collection of recyclable materials in Chippewa County and transfer to MRFs located outside the County
 - **Option #3:** Create and construct a “new” privately owned and operated MRF in Chippewa County, that would be supplied and supported by municipalities in Chippewa County

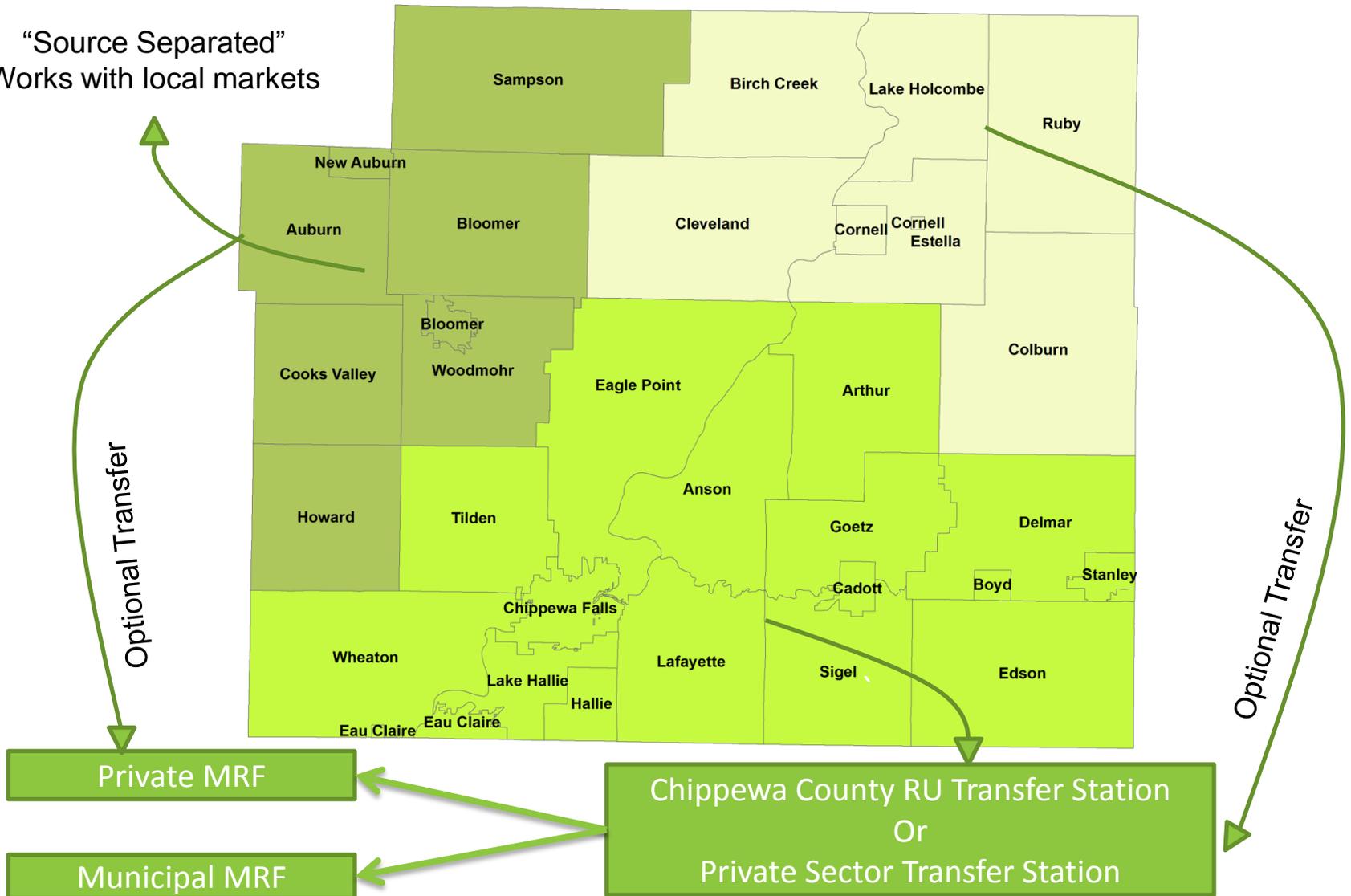
RESULTS OF PHASE ONE-KEY FINDINGS

- Options 1 (expand existing “MRFs”) and 3 (new private sector MRF fed by Chippewa municipalities only) will not work for the Chippewa County RU.
- A variation of Option 1A and 2 will work.
- This variation is focus of Phase Two

RESULTS OF PHASE ONE-KEY FINDINGS

- A single-sort collection program is projected to increase materials quantity recovered by 60%, boosting countywide recycling to roughly 6,000 tons per year.
- A Recycling Transfer facility is necessary to consolidate material to efficiently ship recycled materials to a MRF.
- Several regional recycling processing facilities - Material Recovery Facilities (MRF's) - are equipped to handle single sort collection or would modify their facilities to accept single sort.

“Source Separated”
Works with local markets



PHASE ONE – KEY FINDINGS

- Two Management Options are the most feasible
- Alternative 2A – Countywide RU Contracting; Transfer Station RU Controlled:
 - Implement countywide single stream collection contract that requires all contracted haulers to transport recyclables to a transfer station established and controlled by the Chippewa County RU.
 - Develop contractual agreement with Municipal or Privately owned Material Recovery Facility (MRF) outside of the County for processing and revenue sharing.

PHASE ONE – KEY FINDINGS

- Alternative 2B – Managed Competition with Transfer Station under Private Sector Control:
 - Develop single stream collection requirement for municipal collection contracts.
 - Require all contracted haulers to transport recyclables to a designated transfer station, located in or out of the County, owned and operated by a private sector recycling company.
 - Develop contractual agreement with Municipal or Privately owned Material Recovery Facility (MRF) outside of the County for processing and revenue sharing.

PHASE TWO – ACTIVITIES & SCHEDULE

- Overall goal:
 - Better define risks/benefits of RU members working individually vs. together (costs & benefits)
 - See if it's possible to capture the recyclables from the larger municipalities and establish a transfer station in order to market them to a MRF
- Activities:
 - Task 1: Communications Plan
 - Task 2: Request for Information (RFI) Development & Survey
 - Task 3: County RU / Hauler Meetings
 - Task 4: Final Report



PHASE TWO – ACTIVITIES & SCHEDULE

	Mo. 1	Mo. 2	Mo. 3	Mo. 4	Mo. 5	Mo. 6	Mo. 7
TIMELINE							
Task Group Name							
Task 1 – Communications Plan	•						
Task 2 – RFI Development and Survey	•	•	•				
Task 3 – County RU Workshops/Meetings		•		•		•	
Task 4 – Final Report					•	•	•

RFI – BACKGROUND/PURPOSE

The objectives of this Request for Information (RFI) are:

1. To inform interested parties of the County RU's recycling and solid waste collection needs and to engage qualified firms in preliminary discussions regarding franchise approaches
2. To determine the viability of an approach that would:
 - Be cost effective for the Responsible Units and the County;
 - Increase recycling levels
 - Provide high levels of service to the business community;
 - Provide flexibility to adapt to future changes.
3. To identify relevant procurement, technical, business and management issues.
4. To identify potential parties with the experience, financial capability and proven capacity to effectively partner with the RUs and the County to collect recycling and solid waste in the County and provide support services for the program.



RFI – BACKGROUND/PURPOSE

Develop 2 RFIs

1. Recycling Collections and
2. Recycling Processing

RFI Procedural Information

1. Process Overview
2. Schedule
3. Vendor Discussion Sessions

Information Submittal Expectations

1. General Company Information
2. Overall Approach to Collection or Processing
3. Technical Issues
4. Franchise Approach, Business Terms and Costs Issues.

RFI – BACKGROUND/PURPOSE

Meetings	Projected Date	Purpose of Meeting
Meeting 1	3 rd quarter – 2013	<ul style="list-style-type: none">• Orientation and Overview
Meeting 2	4 th quarter – 2013	<ul style="list-style-type: none">• Review Communications Plan• Provide Input for Request for Information
Meeting 3	1 st quarter - 2014	<ul style="list-style-type: none">• Review Results of Request for Information
Meeting 4	2 nd quarter - 2014	<ul style="list-style-type: none">• Review Draft Study Conclusions, Recommendations and Reports



PHASE TWO – SUMMARY

- Develop an organized approach to the free market competition – Utilize Competitive Marketplace to obtain cost effective services from Private Sector
- Coalition of the Willing
- Clarify opportunities for collaboration
 - “on” and “off” ramps for municipalities to work with RU
- Seek input from stakeholders including haulers, municipalities, and taxpayers
- Maintain transparency



THANK YOU!



DISCUSSION

Thank you for your Attention

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EXTRA SLIDES



RECOMMENDATIONS

- Chippewa County should conduct a detailed evaluation of the program and investment cost requirement and organizational structures associated with a conversion to single sort collection and processing.
- Issuing a Request for Information (RFI) to determine the actual collection and processing costs from public or private sector service providers can accomplish this.
- Market based research is necessary in order to get competitive pricing information which will provide a better understanding of the costs and benefits of a potential collaborative approach to recycling in Chippewa County.
- The goal of the RFI would be the identification of more cost effective and efficient service delivery options available from the private sector than are currently being provided within the County.

CHIPPEWA CO. RU MANAGEMENT OPTIONS EXPLORED

- **OPTION 1:** EXPAND THE TWO (2) EXISTING MUNICIPALLY OWNED AND OPERATED MATERIAL RECOVERY FACILITIES (MRF'S) IN CHIPPEWA COUNTY

This option would develop an expanded Drop-off at Bloomer and develop an expanded MRF and Recycling Transfer Station in the Lake Wissota-Chippewa Falls area. Two sub-options were considered for Option 1:

- Option 1A – Expanded “Super” Drop Off / MRF / Transfer at Lake Wissota-Chippewa Falls-Hallie
- Option 1B- Upgrade MRF and Materials Processing Center at Bloomer.



CHIPPEWA CO. RU MANAGEMENT OPTIONS EXPLORED

- **OPTION 2: EXPAND COLLECTION OF RECYCLABLE MATERIALS IN CHIPPEWA COUNTY AND TRANSFER TO MRF'S LOCATED OUTSIDE THE COUNTY.**
 - The development of a RU recycling transfer capability in the County, or contracting for transfer with facilities outside the County, would allow for the implementation of single sort cart based curbside collection recycling programs throughout the County.
 - Interviews with regional MRF operators from Barron, Pierce, and Polk counties indicate a strong willingness in working with the Chippewa County RU in order to secure additional recyclables for their operations.



CHIPPEWA CO. RU MANAGEMENT OPTIONS EXPLORED

- **OPTION 3:** CREATE AND CONSTRUCT A “NEW” PRIVATELY OWNED AND PRIVATELY OPERATED MRF IN CHIPPEWA COUNTY, THAT WOULD BE SUPPLIED AND SUPPORTED BY MUNICIPALITIES IN CHIPPEWA COUNTY.
 - The basic approach is that a private entity would develop, fund and manage a full Service Single Stream Materials Recovery Facility. The County and municipalities would contractual agree to provide a minimum quantity of recyclables



PHASE TWO – NEXT STEPS

- Two Management Options are the most feasible approaches for the Chippewa County RU to pursue. The alternatives that should be evaluated are:
- Alternative 2A – Countywide RU Contracting; Transfer Station RU Controlled:
 - Implement countywide single stream collection contract that requires all contracted haulers to transport recyclables to a transfer station established and controlled by the Chippewa County RU.
 - Develop contractual agreement with Municipal or Privately owned Material Recovery Facility (MRF) outside of the County for processing and revenue sharing.



RECOMMENDATIONS

- Alternative 2B – Managed Competition with Transfer Station under Private Sector Control:
 - Develop single stream collection requirement for municipal collection contracts.
 - Require all contracted haulers to transport recyclables to a designated transfer station, located in or out of the County, owned and operated by a private sector recycling company.
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