 **Copper Country Recycling Initiative’s Recycling Feasibility Survey\* (Winter 2020)**

Introduction

*The Copper Country Recycling Initiative (CCRI), is conducting a survey in order to determine interest in recycling by those county residents who do not reside in Hancock or Houghton. The survey should take less than 4 minutes to complete. The information will be kept confidential and only aggregate results will be reported. The results of the survey will be used by the Houghton County Board of Commissioners to decide what changes need to happen at the County Transfer Station. Recycling is defined as collecting and reprocessing of acceptable items (paper, plastic, cardboard, glass), to prevent them from being dumped in the landfill.*

**Q1 LIVE** Where do you live? choose town or township (circle one)

|  |  |  |
| --- | --- | --- |
| **Town** 1 = Calumet (**15.0%)** 2 = Copper City3 = Dollar Bay4 = Hubbell5 = Lake Linden **(6.9%)**6 = Laurium (**15.2%)**7 = South Range  | **Township**8 = Adams Twp9 = Calumet Charter Twp (**6.1%)**10 = Chassell Twp (**8.1%)**11 = Duncan Twp **(4.8%)**12 = Elm River Twp13 = Franklin Twp14 = Hancock Twp (**4.1%)** | **Township**15 = Laird Twp 16 = Osceola Twp17 = Portage Twp (**6.1%)**18 = Quincy Twp19 = Schoolcraft Twp20 = Stanton Twp **(5.8%)**21 = Torch Lake Twp **(4.6%)** |

**Reporting more than 4%**

**Q2 RECYCLE\_INTEREST**

**2.** How interested are you in recycling? (i.e., not putting materials into a landfill)

|  |  |
| --- | --- |
| 1= Not interested | go to Question 3& 4 and you will be finished |
| 2 = Somewhat uninterested | go to Question 3 & 4 and you will be finished  |
| 3= Neither interested or uninterested (neutral)  | go to Question 3 & 4 and you will be finished |
| 4= Somewhat interested | go to Question 4 then back of page |
| 5 = Very interested | go to Question 4 then back of page |

**70.5% Very Interested**

**Mean 4.50%; SD=.969
N=387**

**Q3 NO\_INTEREST**

**3.** Why aren’t you interested in recycling (answer all that apply)

1= Too much trouble to separate from trash (25.0 %)

2= Costs too much (16.7%)

3=Too much interference from government (5.0%)

4= Need more information about what can be recycled (21.7%)

5= Drop-off is too far away (23.3%)

6= Other (8.3%)

**A total of 60 respondents or 14.9% indicated that they were not interested in recycling.**

**Q4 TRASH**

**4.** What do you do with your trash?

1= It is collected by village or township (41.4%) 4= Burn it (1.0%)

2= Take to Waste Management off Sharon Ave. (13.5%) 5= Other (3.1%)

3= Take to Houghton County Transfer Station in Atlantic Mine (27.3 6= Chassell Township Service (13.5%

**5.** How interested are you in the following recycling services?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Very interested or Interest (%) | Mean | SD | N |
| **Q5A CURB**Curbside(single stream = plastic, metal cans, paper, glass deposited together) | 69.8 | 4.33 | 1.16 | 335 |
| **Q5B DROP\_OFF**Drop-off location (single stream) | 60.4 | 4.19 | 1.13 | 299 |
| **Q5C HAZARD**Household Hazardous wastes: Paint, gas, solvents, spray cans | 68.5 | 4.34 | 1.04 | 324 |
| **Q5D FOOD\_WASTE**Compost - food wastes | 50.5 | 3.22 | 1.61 | 281 |
| **Q5E YARD\_WASTE**Compost -yard Wastes | 51.6 | 3.26 | 1.62 | 281 |
| **Q5F E\_WASTE**electronic waste | 82.2 | 4.23 | 1.15 | 314 |
| **Q5G TIRES**tires | 71.6 | 3.93 | 1.41 | 306 |
| **Q5H MOTOR\_OIL**motor oil | 72.8 | 3.96 | 1.39 | 302 |
| **Q5I BATTERY**batteries | 80.7 | 4.22 | 1.22 | 311 |
| **Q5J PROPANE**empty propane canisters and containers | 61.8 | 3.72 | 1.45 | 293 |

**Q6 ATLANTIC\_TRANSFER**

**6.** If you use the Atlantic Mine Transfer station, is it easy to work with the personnel?

1 = Friendly and helpful (60.3%)

2 = OK (22.3%)

3 = Neutral(10.7%)

4 =Difficult (1.8%)

5 =Problematic (1.8%)

**N=224**

**Q7 ATLANTIC\_ONE**

**7**. How interested would you be in a one-stop recycling facility at the Atlantic Mine Transfer Station for all your trash and recyclables?

1 = Uninterested

2 = Somewhat uninterested

3 = Neither uninterested or interested (neutral)

4 = Somewhat interested

5 = Very interested

**Very interested or Interested =34.1%; Mean 3.95; SD=1.34; N=313**

**Q8 TRAVEL\_RECYCLE**

**8**. If a new drop-off facility existed, how far would you travel on your way to town in order to take your recyclables?

1 = Less than 5 miles (18.4%)

2 = 5 miles (18.1)

3= 10 miles (28.8)

4= 15 miles (23.0)

5= More than 15 miles (11.7)

**N=309**

**Paying for Recycling Services**

**9.** How willing are you to pay for single stream recycling through the following options?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Very Willing or Willing | Mean | SD | N |
| **Q9A ENV\_FEE** Environment fee in your property taxes | 59.9 | 3.51 | 1.56 | 301 |
| **Q9B RECYCLE\_FEE** Recycling fee | 69.2 | 3.87 | 1.26 | 305 |

**If your answer to Recycling fee is Neutral to very Willing, GO TO Question 10; OTHERWISE GO TO Question 11**

**10**. How much are you willing to pay per month for the following recycling services.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | $1(1) | $3(2) | $5(3) | $8(4) | $10(5) | N |
| **Q10A CURB\_PICK** Curbside pickup | 11.1% | 13.0 | 34.1 | 11.9 | 30.0 | 270 |
| **Q10B DROP\_OFF** Drop off | 20.9% | 22.0 | 42.2 | 4.9 | 10.1 | 268 |

\*Dr. Adam Wellstead,Associate Professor of Public Policy, Social Sciences, MTU, assisted CCRI with the design and analysis of this county-wide survey.  The sample size of 395 household represents a **confidence interval of 95% for the survey.**