

RIGHT SIZING SERVICE WORKSHEET



Instructions: Determine current volume of service per month for each waste stream (e.g. landfill, mixed recycling, cardboard, and organics). Visually assess how full containers are before being collected, and write down any observations. For example, are recyclables found in the trash containers? If so, what type of materials? Are cardboard boxes broken down in the recycling container?

DETERMINE CURRENT SERVICE VOLUME

TABLE 1:

| | <u>1</u> | <u>2</u> | <u>3</u> | <u>4</u> |
|------------------------|---|---------------------------------|---|--|
| Stream | Container Size (2yd, 4yd, etc) | Number of Containers | Pick-ups/Month (# of days/week x 4.33) | Total CY / Month (Column 1 x 2 x 3) |
| <i>(e.g. landfill)</i> | <i>(e.g. 4 yd³)</i> | <i>(e.g. 2)</i> | <i>(e.g. 2 days/week x 4.33 =8.66)</i> | <i>(4 x 2 x 8.66) = 69.28 yd³ per month</i> |
| Landfill | | | | |
| Cardboard | | | | |
| Mixed Recycling | | | | |
| Organics | | | | |

Note: 4.33 is the number of weeks in a month

ESTIMATE VOLUME DISPOSED OF BY TYPES

TABLES 2-5

| | <u>1</u> | <u>2</u> | <u>3</u> | <u>4</u> | <u>5</u> |
|--|---------------------------|--------------------------------|----------------------------|--|--|
| Stream: Landfill | Container Size | Empty Date and Time | Estimate % Full | Notes/Observations/ Notable Contamination | Total Volume (Col. 1 x 3) |
| <i>Example:</i> | <i>4 yd³</i> | <i>9/19 @ 10am</i> | <i>75%</i> | <i>lots of unflattened boxes)</i> | <i>4 x .75 = 3 yd³/mo</i> |
| Bin 1 | | | | | |
| Bin 2 | | | | | |
| Bin 3 | | | | | |
| Total Cubic Yards per Month = Total of column 5 x # of pick-ups/month x 4.33 weeks | | | | | |

| | <u>1</u> | <u>2</u> | <u>3</u> | <u>4</u> | <u>5</u> |
|--|-------------------|------------------------|--------------------|--|---------------------------------|
| Stream: Mixed Recycling | Container Size | Empty Date and Time | Estimate % Full | Notes/Observations/ Notable Contamination | Total Volume (Col. 1 x 3) |
| Bin 1 | | | | | |
| Bin 2 | | | | | |
| Bin 3 | | | | | |
| Total Cubic Yards per Month = Total of column 5 x # of pick- ups/month x 4.33 weeks | | | | | |

| | <u>1</u> | <u>2</u> | <u>3</u> | <u>4</u> | <u>5</u> |
|--|-------------------|------------------------|--------------------|--|---------------------------------|
| Stream: Cardboard | Container Size | Empty Date and Time | Estimate % Full | Notes/Observations/ Notable Contamination | Total Volume (Col. 1 x 3) |
| Bin 1 | | | | | |
| Bin 2 | | | | | |
| Bin 3 | | | | | |
| Total Cubic Yards per Month = Total of column 5 x # of pick- ups/month x 4.33 weeks | | | | | |

| | <u>1</u> | <u>2</u> | <u>3</u> | <u>4</u> | <u>5</u> |
|--|-------------------|------------------------|--------------------|--|---------------------------------|
| Stream: Organics | Container Size | Empty Date and Time | Estimate % Full | Notes/Observations/ Notable Contamination | Total Volume (Col. 1 x 3) |
| Bin 1 | | | | | |
| Bin 2 | | | | | |
| Bin 3 | | | | | |
| Total Cubic Yards per Month = Total of column 5 x # of pick- ups/month x 4.33 weeks | | | | | |

NEW VOLUME, OPTIMAL BIN SIZE & FREQUENCY OF PICK-UPS

TABLE 6:

| | <u>1</u> | <u>2</u> | <u>3</u> | <u>4</u> |
|-----------------|---|--|------------------|-------------------|
| Stream | Current Level of Service (Table 1, Column 4) | Estimated Volume Disposed (Tables 2-5, Column 5) | Optimal Bin Size | # Pick-ups / Week |
| Landfill | | | | |
| Cardboard | | | | |
| Mixed Recycling | | | | |
| Organics | | | | |

CURRENT VS. PROPOSED

| Stream: Landfill | Current | Proposed |
|-----------------------|---------|----------|
| Level of Service | | |
| Cost for Service | | |
| # of Bins | | |
| Frequency of Pick-ups | | |

| Stream: Cardboard | Current | Proposed |
|-----------------------|---------|----------|
| Level of Service | | |
| Cost for Service | | |
| # of Bins | | |
| Frequency of Pick-ups | | |

| Stream: Mixed Recycling | Current | Proposed |
|--------------------------------|----------------|-----------------|
| Level of Service | | |
| Cost for Service | | |
| # of Bins | | |
| Frequency of Pick-ups | | |

| Stream: Organics | Current | Proposed |
|------------------------------|----------------|-----------------|
| Level of Service | | |
| Cost for Service | | |
| # of Bins | | |
| Frequency of Pick-ups | | |



NEBRASKA RECYCLING
COUNCIL

Maximizing the economic and environmental benefits of resource recovery in Nebraska.

www.nrcne.org | (402) 436-2384