

What is one-bin solid waste and recycle collection?

ONE-BIN service is a collection system that comingles recyclable materials with what has traditionally been considered non-recyclable. The collected material is taken to a high-tech facility specifically designed to source separate the items. While traditional single stream sorting facilities produce higher quality recyclable material, the contamination percentages continue to grow as the end user of those materials demand “cleaner” commodities. This requires the contaminated material to be landfilled in most every case. With one-bin collection and sorting the percentage of material removed from the waste stream has a slightly lower percentage of volume recycled but a much greater overall reduction in the volume being landfilled. This is accomplished by increasing the reuse and repurpose of material not recycled, primarily converting it to fuel. You can see this process by visiting info@repowersouth.com

Benefits of a one-bin system

1. Much higher reduction of the waste stream ultimately landfilled, significantly greater than single stream operations.
2. Higher repurpose percentages, decreasing the overall volume that must be landfilled.
3. Reduced cost to the consumer.
4. Eliminate the need for the consumer to prepare the single stream for processing.
5. Eliminate the need for the consumer to be educated on acceptable materials.
6. Emissions are reduced significantly with one less collection required.
7. Improved safety within the community.
8. Reduced wear on streets and highways.