

## Forest Service and the Environment

The Forest Service as a part of a Sustainable Operations campaign is supporting all practices such as solar powered trash management and recycling , that help reduce the environmental footprint and promote the value and role of natural resources.



Before



After



Forest Service:

Meet BigBelly®



- Reliable, safe and easy to use
- Demonstrates commitment to community & environment
- Educate your constituents

## What is the Big Belly® Solar Compactor?

- A compacting trash receptacle that is completely self-powered that uses solar power for 100% of its energy needs.
- Its capacity is five times greater, than an ordinary receptacle.
- Increased capacity reduces collection trips and can cut fuel use and greenhouse gas emissions by 80%.
- Cost efficiencies from labor and maintenance savings.
- Environmental benefits from reduced emissions of greenhouse gases and other pollutants.
- Safe, easy to use, and designed to keep out pests, the Big Belly has already proven its worth in urban streets, parks, colleges, arenas—and in all weather conditions.

### The BigBelly® Solar Compactor with an integrated recycling units:

Is the world's only system that provides on-site compaction of solid waste and separation of recyclable materials.

- Integrated design & shared materials
- Paper, bottle/can & single stream recycling units
- Enables multiple configurations to separate recyclable streams,
- Specific paper/bottle openings & graphics
  - Encourages recycling of proper material
  - Enclosed design
  - Water resistant and discourages pilfering
  - 50 gallon leak proof bin
  - Contains liquid and requires no bag

## Frequently Asked Questions

### 1. Why is the BigBelly solar powered?

Solar power enables BigBelly to be placed virtually anywhere outdoors and is a clean renewable energy source that is good for the environment.

### 2. Where are BigBelly's currently being used?

Big Bellies are deployed across the US and in ten countries around the world in cities and towns, parks and beaches, universities, zoo's and amusement parks.

### 3. Does BigBelly require direct sunlight and will it work if it is not a sunny day?

BigBelly does not require direct sunlight. As long as BigBelly's solar panel can "see" the sky he can operate.

### 4. What kind of maintenance does a BigBelly require?

BigBelly is a very low maintenance system. Keep the unit clean and replace the battery every 3 to 5 years.

### 5. How do you clean a BigBelly?

Power wash the unit inside and out (not including the top electronics compartment) as needed. Recommended cleaning agents are listed in the manual.

### 6. Is the BigBelly animal resistant?

Yes. BigBelly's enclosed design keeps raccoons, squirrels, birds and other animals out of the trash. A bear resistant latch is an available option (and is also handicap accessible).

### 7. What are the safety features of the BigBelly?

The trash collection hopper prevents hands from reaching into the compaction area. The unit is locked and will not operate when the front or top doors are open. The machine runs on a safe low voltage system.

### 8. How does BigBelly know when to compact the garbage?

BigBelly compacts automatically when his electronic eye tells him the trash has reached a target level.

### 9. Do I have to empty the BigBelly?

Yes. The BigBelly holds five times the volume of a traditional trash can and will need to be emptied when the yellow indicator light is flashing.

### 10. Does the trash come out as dense as a brick?

No. Although BigBelly will compact trash to 20% of its normal size, the trash is not compacted into a brick and will not in any way inhibit sorting or recycling

