

Published February 20th, 2019

Bigbelly is a big success in Orinda

By Sora O'Doherty



Bigbelly receptacles on Library Plaza Photo Sora O'Doherty

trash and recycling from parks and Republic collects from streets and downtown locations. The system sends notifications each morning at 3 a.m., reporting how full each receptacle is. The city can decide, depending on location, how frequently it would like the bins emptied, when they reach 20, 40, 60 or 80 percent full. The bins also compact the contents, thereby reducing the number of collections required. The units are solar powered, and the system is paid for by the money the city receives from turning in recyclable material.

During the initial period, the bins were frequently emptied before it was necessary, but with fine tuning, by December of last year almost every bin that was emptied was ready, that is to say, it had reached the level of fullness at which the city had determined it should be emptied. From June to January, 119,828 gallons of waste and recycling were contained in the city's Bigbelly system, and the city achieved a 52 percent recycling diversion rate.

Where previously Orinda had 126 traditional bins, their capacity was only 4,410 gallons. The 49 Bigbelly units (four of which have yet to be deployed) provide a total capacity of 11,600 gallons. Where the traditional bins were emptied three to five times per week, the Bigbelly bins average 0.6 times per week per station. This represents major savings, both economically and environmentally. It had been expected that the 1,789 bags that had previously been used per month would be reduced to around 500. In fact, only 198 bags per month have been used. The costs for labor and resources has been reduced from \$52,196 per year to a projected \$11,710 per year.

The remaining Bigbelly receptacles will be placed in Wilder when the remaining play fields and the Art and Garden Center facility construction is complete.

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[back](#)

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