

Pilot Compost Program Proposal

October 27, 2010

*A compostables collection program
for Tivoli Student Union*

Prepared by members of ACG/Compost Auraria
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Compost Bin Locations/Disposal Schedule:

(Prepared by members of ACG/Compost Auraria, 10/27/10)

TABLE 1: COMPOST BIN LOCATIONS

Location:	Additional Description:	Bin Size & Quantity:	Disposal Schedule Weekdays, Monday-Thursday*:	Disposal Schedule Weekend, Friday-Sunday*:
Food Court A	Tivoli, 1st Floor, Food Court, Dining Area	1 Toter (65 gallon)	12:00pm, 3:00pm & 7:30pm (AHEC) Qty: 3 Toters daily	(*See footnote)
Food Court B	Tivoli, 1st Floor, Food Court, Dining Area	1 Toter (65 gallon)	12:00pm, 3:00pm & 7:30pm (AHEC) Qty: 3 Toters daily	(*See footnote)
Pete's Arena	Tivoli Room 229, 2nd Floor	2 Slim-Jims (23 gallon)	Slim-Jims: 1pm & 7:30pm (Pete's Arena staff) Qty: 1 Toter daily	(*See footnote)
Cimarron Cafe & Grill	Tivoli Room 240, 2nd Floor	2 Slim-Jims (23 gallon)	Slim-Jims: 1pm & 7:30pm (Cimarron staff) Qty: 1 Toter daily	(*See footnote)
Women's Restroom, near Turnhalle	Tivoli, 2nd Floor	1 Slim-Jim (23 gallon) 1 Toter (65 gallon) (for storage, located in hallway)	Slim-Jim: 1pm & 7:30pm (AHEC) Toter: 8:00pm (AHEC) Qty: 1 Toter daily (used as storage for both restrooms)	(*See footnote) Slim-Jim: 7:30pm (AHEC) Toter: 8:00pm (AHEC)
Men's Restroom, near Turnhalle	Tivoli, 2nd Floor	1 Slim-Jim (23 gallon)	Slim-Jim: 1pm & 7:30pm (AHEC)	(*See footnote) Slim-Jim: 7:30pm (AHEC)

* In this initial stage of the program, *weekend compostables collection will be limited* and will depend upon the volumes collected Monday-Thursday. In the interest of program consistency, partial collection services will continue (in the restroom locations at a minimum). Since weekend traffic is typically much lighter, the disposal schedule will depend on events held in the Tivoli on each particular weekend (as the trash disposal schedule currently does). Service frequency can be adjusted at the discretion of AHEC/SACAB.

Budget Proposal A: Service Budget

(Prepared by members of ACG/Compost Auraria, 10/27/10)

TABLE 1: WASTE FARMERS' SERVICE OPTIONS*

	Size	Qty.	Frequency	Weekly Diversion	Monthly Cost	Monthly Diversion	Annual Cost	Annual Diversion
Scenario 1	65 Gallon Toter	18	2x/week	7,200 lbs	\$831	31,200 lbs	\$9,972	187.2 TONS
Scenario 2	65 Gallon Toter	16	2x/week	6,400 lbs	\$780	27,733 lbs	\$9,370	166.4 TONS
Scenario 3	65 Gallon Toter	10	2x/week	3,860 lbs	\$536	15,440 lbs	\$6,440	92.64 TONS

TABLE 2: One Year of Waste Farmer's Service

Expense	Description	Amount
Waste Farmers Service	\$831/month for twice a week pickup* of eighteen-65 gallon Toters, Total: \$9,972	\$9,972.00
	SERVICE GRAND TOTAL:	<u>\$9,972.00</u>

* This figure, labeled "Scenario 1" by WF, is based on pickup service at twice/week (on Wednesday and Friday mornings) and 52-weeks of service. This figure is, in effect, an inflated total, as it reflects *the maximum potential amount* to be charged by Waste Farmers for one calendar year of service at the rate described in "Scenario 1". *This total will be reduced*, as Waste Farmers offers a prorated charge and adjusted schedule for holiday weeks and other campus closures. Service during summer weeks will also be adjusted (and the cost prorated) based on volumes to be collected. *Again, service frequency can be adjusted* at the discretion of AHEC/SACAB.

Budget Proposal B: Supply Budget

(Prepared by members of ACG/Compost Auraria, 10/27/10)

TABLE 1: PILOT PROGRAM ANNUAL **SUPPLY** BUDGET SUMMARY

Expense	Description	Amount
Slim-Jim Liners (30 gallon): supplied by Waxie (Waxie Representative: Nancy Anderson)	50 cases at 125/case, (an adequate supply for a full calendar year: 20 cases/each semester & 10 cases/summer*)	\$5,613.50
Toter Liners (65 gallon): supplied by Waste Farmers (Waste Farmers Representative: Lindsey Smith)	1,872 Toter liners at \$1/liner (an adequate supply for a full calendar year*)	\$1,872.00
Education/Signage, supplied by Banner Creations, Inc. (BC) (www.bannercreations.com) and Greener Printer (GP) (www.greenerprinter.com)	Large banners above each Toter, and posters & fliers to facilitate program awareness: 1. 8 Banners, 6'x4' (recycled) \$128.00/ea (plus MN state tax of 6.875%) by BC, Total: \$1,094.40 2. 500 Fliers (recycled) by GP, Total: \$266.65 3. 50 Posters (recycled) by GP, Total: \$547.71	\$1,908.76
Additional Materials	1. Three cables for locking all Toters at pickup site, through wheels, (\$26.99/ea) Total: \$80.97 Three weatherproof combination locks to secure Toters outside at pickup site (\$18.99/ea), Total: \$56.97 2. Two Slim-Jim containers (\$48.95/ea) with swing lids (\$27.95/ea) for restroom locations, Total: \$153.80 3. Additional compostable bags (2 cases at \$112.27/case, 125 bags/case), Total: \$224.54	\$516.28
	SUPPLY GRAND TOTAL:	<u>\$9,910.54</u>

* Supply usage during summer weeks will also be reduced based on volumes to be collected, as determined by AHEC/SACAB. We have defined "summer" as a 10-week period, and "semesters" as 20-week periods.