

STREET WASTE CLEANUP



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Issue and Statement of Need

- Causing frustration amongst the community members
- Makes our city look bad
- City is spending too much on cleaning up this mess
- Sending mass amounts of good items to the landfill
- **Illegal**



Past Work

WWU Move Out Madness

- 3 set locations
- 1 for each neighborhood
 - Happy Valley, York, Sehome
- Each site contained large dumpster and sorting areas
- Goods distributed to local Non-Profits
- Excess was sent to Goodwill

Issues

- Dumpsters filled up too quickly
- Not everyone had ways to transport items
- **Was only a single day event for WWU Students ONLY**



WWU MOVE-OUT MADNESS

June 12th @ 12-5pm

**RESPONSIBLE RESOURCES
FOR THE MADNESS OF MOVING OUT**

DONATE: Useable household items, furniture, clothing & appliances, non-perishable food

RECYCLE: Containers, plastics, aluminum, paper & cardboard

LANDFILL: Non-reuseable, non recyclable items

Neighborhood Sorting Sites:

YORK: Franklin Park, 400 block of Whatcom Street

SEHOME: Laurel Park at Indian & Laurel Streets

HAPPY VALLEY: Gravel parking lot at 26th & Douglas

Western Washington University Students Only (WWU ID Required)

Past Work

Interviews

- Met with neighborhood representatives and city employees
- Get an external viewpoint of situation





Street Waste CleanUp Survey

- Gather a better understanding of student's attitudes towards the situation
- Use information to find a possible solution



Past Work

“Some renters leave large household items, such as mattresses and couches, next to the street near Western's campus. In your opinion, what do you think are most student's attitudes about this behavior?”

#	Answer	Bar	Response	%
1	Completely acceptable		31	12.81%
2	Somewhat acceptable		99	40.91%
3	Somewhat unacceptable		82	33.88%
4	Completely unacceptable		30	12.40%
	Total		242	100.00%








Past Work

**What are the reasons that you personally find acceptable for leaving large household items out on the street?
Select all that apply.**

#	Answer	Bar	Response	%
1	To help others who may need or want the items		98	81.67%
2	If a renter doesn't have a vehicle.		44	36.67%
3	If a renter doesn't have time		18	15.00%
4	They didn't care, and just wanted to get rid of them.		16	13.33%
5	It is the city's job to clean up the streets and sidewalk.		5	4.17%
6	It's what other people do, so it's ok.		21	17.50%
7	It is the landlord's job to deal with cleaning out the unit regardless of who left things.		3	2.50%
8	They didn't know what else to do with them.		36	30.00%
	Total		241	100.00%

Past Work

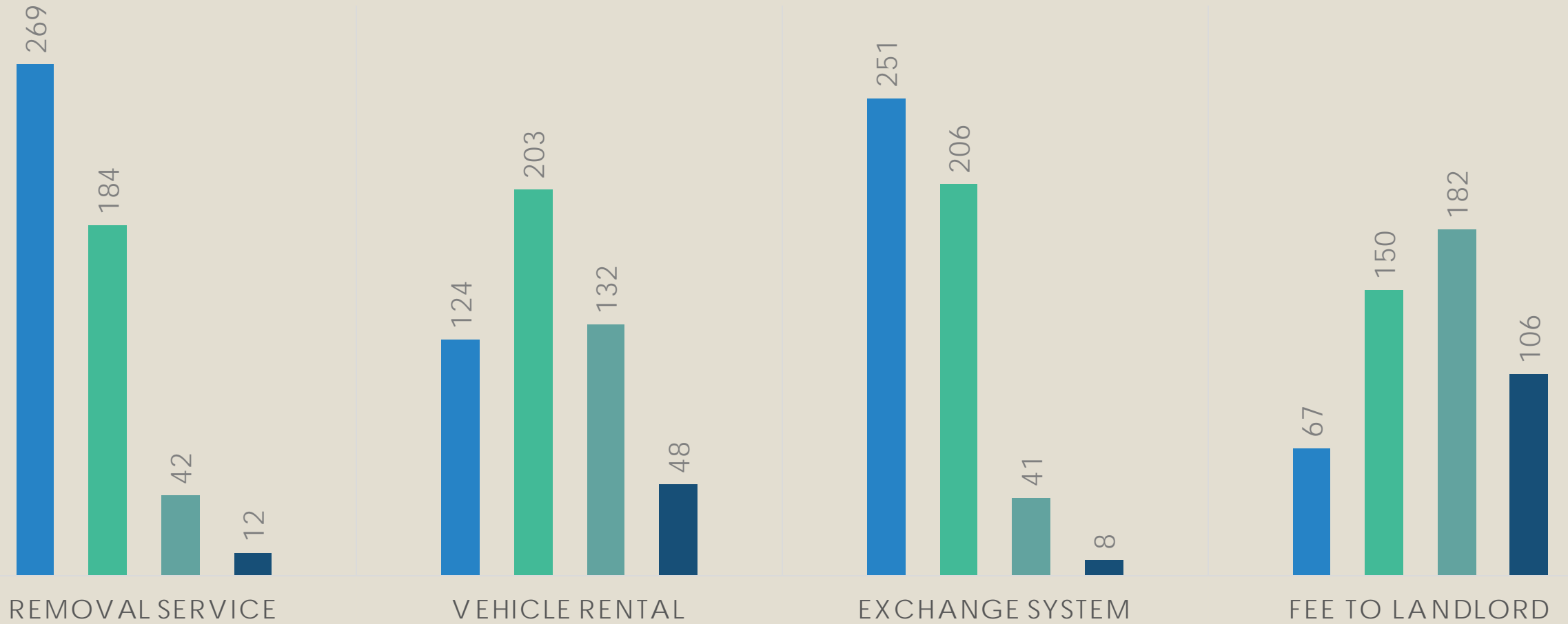
How do you typically move your things out of the house?

#	Answer	Bar	Response	%
1	My own car		130	54.62%
2	My own truck		40	16.81%
3	A borrowed car		54	22.69%
4	A borrowed truck		95	39.92%
5	A rented car		17	7.14%
6	A renter truck		57	23.95%
7	Other:		13	5.46%
	Total		406	100.00%

Survey

POSSIBLE SOLUTIONS

■ Extremely Likely ■ Somewhat Likely ■ Somewhat Unlikely ■ Extremely Unlikely



Business Plan

Goals/Objectives

- Reduce amount of waste in the streets
- Ensure an ease of use for possible customers
- Limit amount of waste that goes to landfills

Philosophy

- Great customer service
 - Convenient, polite and hard working

Industry Characteristics

- Industry revolves mainly around renters
 - Student and others
- Will be stable as long as Western is still around
- Have competitive edge over other businesses
 - Run by students, geared for students



How it works

- Create a text in or email account for renters to share photo of item
- Hire a few people with personal pick up trucks to collect the items
- Multiple teams of two?
 - One team per neighborhood (York, Sehome, Happy Valley)
- Obtain building for storage and resell/exchange purposes



Estimated Budget

Employee Expenses

Pick-Up Service (June & September)	
8	employees
384	TOTAL EMPLOYEE HOURS
Pick-Up Service (July & August)	
6	employees
144	TOTAL EMPLOYEE HOURS
\$ 1,728.00	TOTAL WAGES FOR JULY/AUGUST
\$ 4,608.00	TOTAL WAGES FOR JUNE/SEPTEMBER
\$ 6,336.00	TOTAL WAGES

- Would hire students as employees, giving them much needed money
- Could be seen as students cleaning up a student mess
- Much cheaper than having the city do it

Estimated Budget

Possible Revenue

PROJECTED ITEM COLLECTION			
	# OF ITEMS	PRICE OF FEE	CASH PER MONTH
JUNE	60	\$ 20.00	\$ 1,200.00
JULY	20	\$ 20.00	\$ 400.00
AUGUST	10	\$ 20.00	\$ 200.00
SEPTEMBER	40	\$ 20.00	\$ 800.00
		TOTAL CASH \$	2,600.00

- Current service fee of \$20
- Expecting services at the start and end of summer to be in high demand
- Not accounting for possible resell revenue

Possible Locations

Specifications

- Warehouse with a garage door for easy unloading
- On the main floor
- Close to WWU
- Cheap/free lease

- 100 E Maple St Bellingham, WA 98225



Funding

- Sustainable Action Fund
- Fee added onto tuition
- Talk to city (SSC)
 - Our program will save the city, as well as students, lots of money



In the Process

- Finding close and accessible location
- Collecting funding
- Advertising to and educating the students along with other nearby residents

Temporary Storage Needed Tenant Waste CleanUp

Move-Out Madness is a program put on by WWU focusing on collecting renters' unwanted items as they are moving out. The goal is to keep these items off the streets, recycle materials properly and donate suitable items to local non-profits. At the moment we are trying to come up with a system that would allow us to pick-up and resell these items back to the student community.

To do this, we will need a storage location to keep the couches and other household items in over the summer months. These items are being collected from tenants around the greater Western Washington University campus, many of them being Western students. It has been noticed that many couches, desks and other large items appear on the streets and in the alleys around the end of Western's Spring Quarter and the again at the beginning of Fall Quarter. Because of this, many residents have been complaining about how it makes our city look dirty, and they are not wrong.

To combat this issue we have proposed a business that will actually go to the tenants and pick up their items for a small fee before they have a chance to put it out on the street. Because many of the litterers seem to be Western students, this business could be seen as students cleaning up a student made mess. We are projecting a lot of customers which also means a lot of furniture and is why we are searching for a temporary storage location. There, we would store the couches until we have a chance to either resell them or break them down and sort the remains to be properly recycled.

Our ideal location would need to meet most of the following requirements:



- Sufficient storage space
 - Around 800 sq. ft.
 - Heating not needed
- Available for summer months
 - Most likely June – September
- Easily accessible
 - Room for trucks to come in and out
 - Close to Western campus

Thank you!