

Re-Thinking Recycling Infrastructure

Function versus Purpose: Can We Have Both?

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Standard Practice

Inventory

Needs Assessment

A-HA!

Considerations

Holistic, Targeted Analysis

Value Added with Targeted Infrastructure

Education

↓ Contamination

Inventory



Trash and Recycling Bin Assessment

Building Name:	Date:	Your Name:		
Dodd Hall	7/31/18	Isabella Frederick		
Describe location	Floor	Trash - # & type	Recycling - # & type (see*)	Trash and Recycling located near one another? Other Notes?
Write a room number or office number or something else specific (near main entrance)	1 st	1 metal can, (or another identifier)	1 x 40 grey 1 x Slim Jim	Yes/No
basement kitchen near room 2 (east)	basement	1 oscar	1 circ yellow 1 slim jim bin	Y
east hall	basement	1 oscar	1 blue slim jim 1 yellow circle	Y
west hall	basement	1 oscar	1 gray brute 55 1 yellow brute - circle lid	Y
west kitchen	basement	1 oscar	1 blue slim jim 1 yellow brute	Y
east kitchen	1 st floor	1 oscar	1 blue slim 1 yellow circle	Y
east hall	1 st floor	1 oscar 1 tall compost	1 slim blue 1 gray brute	Y
west hall	1 st floor	1 oscar	1 blue brute 1 yellow circle	Y
west kitchen	1 st floor	1 oscar	1 blue slim 1 yellow circle	Y
east kitchen	2 nd floor	1 oscar	1 blue slim 1 yellow circle	Y
east hall	2 nd floor	1 oscar	1 blue slim 1 yellow circle	Y

* For square bins, sizes will be 50, 40, or 28 (gallons) and are stamped into the plastic in 1" raised characters on the outside of the bin next to a handle; color choices are yellow, grey, or blue. For the rectangular tall, blue bins please write "Slim Jim." Grey & blue bins should hold paper; yellow should hold bottles/cans.



Trash and Recycling Bin Assessment

Building Name:	Date:		Your Name:	
Geography	8/8/18		Jake R.	
Describe location	Floor	Trash - # & type	Recycling - # & type (see*)	Trash and Recycling located near one another? Other Notes?
Write a room number or office number or something else specific (near main entrance)	1 st	1 metal can, (or another identifier)	1 x 40 grey 1 x Slim Jim	Yes/No
Outside Room 104	1 st	1 x gray trash can	1 x blue slim jim 1 x Comingle slim jim	Yes
Across from Mezzanine Staircase	1 st	1 x gray trash can		No
Across from elevator	1 st		1 x green bin	No
Across from elevator	2 nd		1 x yellow brute 1 x gray brute	Yes
Outside 212	2 nd	1 x gray slim jim	1 x blue slim jim	Yes
Break Room	2 nd	1 x gray slim jim	1 x Comingle Slim jim	Yes
Cubicle 7	3 rd		1 x blue slim jim	No
Kitchen	3 rd	1 x oscar	1 x blue Slim Jim 1 x Comingle slim jim	Yes
Across from the bridge	3 rd		1 x brute	No

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Dorm (Res Hall) Standard

Upscale Standard



Academic Building Standard

Needs Assessment: SOP

BLDG	LOCATION	WHAT	QTY	Notes
Johnson	1st floor, stairwell	oscar	1	
Johnson	1st floor, stairwell	round yellow lid		
Sackler	3rd floor, grad lounge	slim jim & lid	1	can sub non-blue slim jim with no lid
Sackler	3rd floor, grad lounge	co-mingle Ergo	1	
Sackler	3rd floor, grad lounge	signs for above	2	
Atwood	2nd floor, mirror room	slim jim & lid	1	can sub non-blue slim jim with no lid
Atwood	2nd floor, mirror room	co-mingle Ergo	1	
Atwood	2nd floor, mirror room	signs for above	2	
Atwood	3rd floor landing	slim jim & lid	1	
Atwood	3rd floor landing	sign for above	1	
Corner House	1st floor hallway	comingle Ergo	1	
Little Center	1st floor, sculpture studio	brute for paper	1	make sure we have key first
Little Center	1st floor, sculpture studio	brute for co-mingle	1	new pick up location
Little Center	1st floor, sculpture studio	signs for above	2	

- What parts are missing/broken?
- Where are the holes?
- What can we move around?
- Are they clustered?
- Are we space-constrained?
- Do aesthetics matter in spot?
- What can we afford?
- OK, buy it & stick it there!

All are FUNCTIONAL

A HA! Considerations & Analysis

- What if we looked at **purpose** ?
- **Who** goes there
- **Why** are they there
- How **frequently** are they there
- **What** exactly are they using the space for – step back to see this
- What complements the space use, what is a “**fit**” in context

Standard levels based on use

- What if we looked at **value** ?
- How much education is needed
- What are the expectations
- Is it worth an investment
- Value to user + value to Clark
 - These may be 2 different things!
- Aesthetics, visibility, flow - but also net value of a “fit”

Target infrastructure to value

<u>Code</u>	<u>Paper</u>	<u>Comingle</u>	<u>Landfill</u>	<u>Compost</u>
0	No Bin	No Bin	No Bin	No Bin
1	Ergo Can / Multi	Ergo Can / Multi	Round Black & Silver / Multi	Ergo Can / Multi
2	Blue Slim Jim	Round Yellow Brute	Misc. Bin	Grey Rectangular
3	Square Metal Bin	Square Metal Bin	Oscar	
4	Rectangular Brute / Green Wheeled Bin	Rectangular Brute / Green Wheeled Bin	4-Wheel Large Cart	
Note: code is determined by style of bin as described above.				
Code should match or exceed standard level, with reasonable exceptions (e.g. volume)				

Standard Level	Description of Space Use	<u>Set</u>	<u>Justification</u>
Level 1	Public Visibility & Use	Paper, comingle, compost: Ergocans , Multi slot Landfill: domed silver/black metal, Multi slot	good impression on public, regularly maintained, used during events. Multi-slot only for highly public spaces
Level 2	Academic / Administration	Paper, comingle: Blue Slim Jim, Yellow Slim Jim Compost (if applicable): Continental Gray square swing lid Landfill: Red Slim Jim (review for decent quality existing)	daily practical usage, not highly visible, compact spaces (note if area hosts purposeful visitors, go to Level 1)
Level 3	Residential	Paper, comingle: Blue Slim Jim, round yellow Brute w/lid Compost (if applicable): Continental Gray square swing lid Landfill: metal oscar	withstand abuse, manage high volume (note if part of residential frequently hosts purposeful visitors, consider Level 1)
Level 4	Consolidation Area	Low-visibility area (e.g. closet): square Brute(s) Mid-visibility area (e.g. low-traffic hallway): green rolling bins	custodians bring from offices, Crew picks up weekly
Level 5	Specific Function Area (e.g. Printer)	N/A - Space receives infrastructure based on function (e.g. blue bins for printing areas)	dedicated single purpose

Inventory



Trash and Recycling Bin Assessment

* No plan to compact
* not checking bathrooms
* laundry taped off

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east hall	basement	1 oscar	1 blue slim jim 1 yellow circle	Y
west hall	basement	1 oscar	1 gray brute 55 1 yellow brute - circle lid	Y
west kitchen	basement	1 oscar	1 blue slim jim 1 yellow brute	Y
east kitchen	1 st floor	1 oscar	1 blue slim 1 yellow circle	Y
east hall	1 st floor	1 oscar 1 tall compost	1 slim blue 1 gray brute	Y
west hall	1 st floor	1 oscar	1 blue brute 1 yellow circle	Y
west kitchen	1 st floor	1 oscar	1 blue slim 1 yellow circle	Y
east kitchen	2 nd floor	1 oscar	1 blue slim 1 yellow circle	Y
east hall	2 nd floor	1 oscar	1 blue slim 1 yellow circle	Y

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Trash and Recycling Bin Assessment

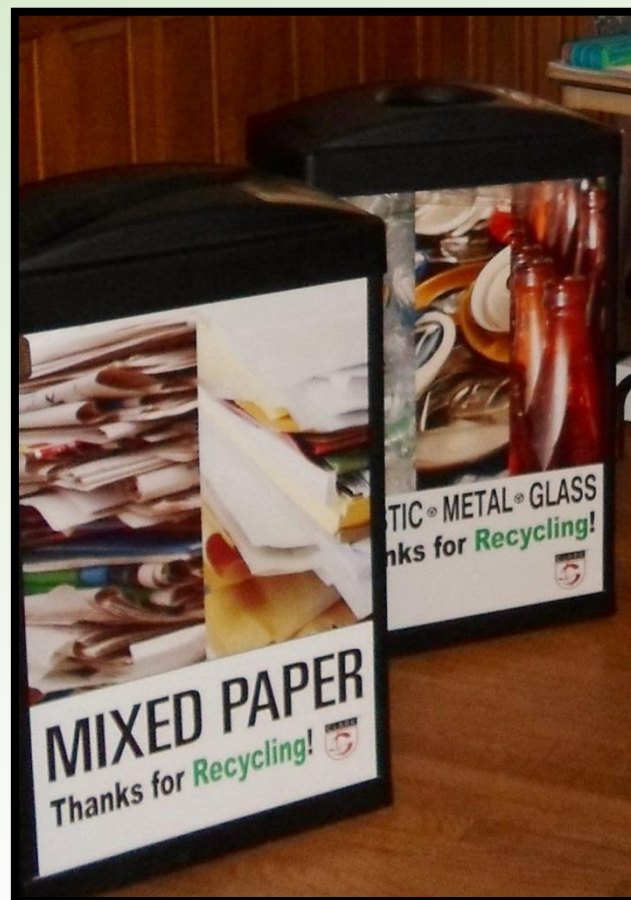
Building Name:	Date:		Your Name:	
Geography	8/8/18		Jake R.	
Describe location	Floor	Trash - # & type	Recycling - # & type (see*)	Trash and Recycling located near one another? Other Notes?
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Outside Room 104	1 st	1 x gray trash can	1 x blue slim jim 1 x compost slim jim	Yes
Across from Mezzanine staircase	1 st	1 x gray trash can		No
Across from elevator	1 st		1 x green bin	No
Across from elevator	2 nd		1 x yellow brute 1 x gray brute	Yes
Outside 212	2 nd	1 x gray slim jim	1 x blue slim jim	Yes
Break Room	2 nd	1 x gray slim jim	1 x compost slim jim	Yes
Cubicle 7	3 rd		1 x blue slim jim	No
Kitchen	3 rd	1 x oscar	1 x blue slim jim 1 x compost slim jim	Yes
Across from the bridge	3 rd		1 x brute	No

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Needs Assessment

	A	B	C	D	E	F	G	H	I	J
1					Bin type by code					
2	Building	Floor	Location	Standard Level	Paper	Comingle	Landfill	Compost	Multi-Function	Additional Notes (if Applicable)
33	Dodd	0	Basement East Suite	Level 3	2	2	3	0	No	Replace with Level 2 set
34	Dodd	0	Basement East Hall	Level 3	2	2	3	0	No	
35	Dodd	0	Basement Lounge	Level 1	0	0	0	0		Level 1 set
36	Dodd	0	Basement West Hall	Level 3	2	2	3	0	No	Switch to SlimJim
37	Dodd	0	Basement West Suite	Level 1	0	0	0	0		Level 1 set
38	Dodd	0	Basement West Hall	Level 3	4	2	3	0	No	Switch to SlimJim
39	Dodd	0	Basement West Suite	Level 3	2	2	3	0	No	Replace with Level 2 set
40	Dodd	0	Basement West Suite	Level 3	2	2	3	0	No	Replace with Level 2 set
41	Dodd	1	1st Floor East Suite	Level 3	2	2	3	0	No	Replace with Level 2 set
42	Dodd	1	1st Floor East Suite	Level 3	2	2	3	0	No	Replace with Level 2 set
43	Dodd	2	2nd Floor East Suite	Level 3	2	2	3	0	No	Replace with Level 2 set
44	Dodd	2	2nd Floor East Hall	Level 3	2	2	3	0	No	
45	Dodd	2	2nd Floor Center	Level 3	2	2	3	2	No	Replace with Level 2 set
46	Dodd	2	2nd Floor West Hall	Level 3	2	2	3	0	No	
47	Dodd	2	2nd Floor West Suite	Level 3	2	2	3	0	No	Replace with Level 2 set
48	Dodd	3	3rd Floor East Suite	Level 3	2	2	3	0	No	Replace with Level 2 set
49	Dodd	3	3rd Floor East Hall	Level 3	2	2	3	0	No	
50	Dodd	3	3rd Floor Center	Level 3	2	2	3	2	No	Replace with Level 2 set
51	Dodd	3	3rd Floor West Hall	Level 3	2	2	0	0	No	
52	Dodd	3	3rd Floor West Suite	Level 3	2	2	3	0	No	Replace with Level 2 set
53	Dodd	4	4th Floor East Suite	Level 3	2	2	3	0	No	Replace with Level 2 set
54	Dodd	4	4th Floor East Hall	Level 3	2	2	3	0	No	
55	Dodd	4	4th Floor Center	Level 3	2	2	3	2	No	Replace with Level 2 set
56	Dodd	4	4th Floor West Hall	Level 3	2	2	3	0	No	
57	Dodd	4	4th Floor West Suite	Level 3	2	2	3	0	No	Replace with Level 2 set

	A	B	C	D	E	F	G	H	I	J	K	L
1					Bin Type by Code							
2	Building	Floor	Location	Standard Level	Paper	Comingle	Landfill	Compost	Multi-Function	Additional Notes (if Applicable)		
39	Geography	1	Common Area, Outside 104	Level 2	2	1	2	0	No	3 in 1		
40	Geography	1	Across from Mezz. Staircase	Level 2	0	0	2	0	No			
41	Geography	1	1st Floor, Across from Elevator	Level 4	0	4	0	0	No	add paper consolidation brute or green rolling bin		
42	Geography	2	Outside 212 (President's Office)	Level 1	2	0	2	0	No	upgrade to Ergos & add comingle Ergo		
43	Geography	2	Break Room (2nd Floor)	Level 2	0	1	2	0	No			
44	Geography	2	2nd Floor, Across from Elevator	Level 4	4	4	0	0	No			
45	Geography	3	Kitchen (3rd Floor)	Level 2	2	1	3	0	No	Level 2 set		
46	Geography	3	3rd Floor, Across from Bridge	Level 4	4	0	0	0	No			
47	Geography	3	3rd Floor, Printer Cubicle	Level 5	2	0	0	0	No			



Level 1 – New!



Level 1 - same

Level 2 – New!



Next Steps

- Standards protocol
- Comprehensive proposal
- FY 2020 or 2021
- Targeted signage replaces existing OSFA signage
- Move/reduce existing infrastructure
- Audit contamination
- Survey casual & purposeful visitors for impact

Recycling Bin Standards

P002

Function	Source-separated PAPER
Level of Use; Space in Which to be Used	Level 2: Daily Practical Use, Limited Public Visibility, Accessible, possible space constraint Example: Administrative Office space
Requirements	Non-metal Easy to clean (smooth material; bag cinchers) Easy to move (handles preferred) Functional/Attractive Lid with rectangular slot to indicate paper Profile to fit in narrow or constrained space
Specifications	30" x 20" x 11" 23 gallons With recycling symbol
Brand, Item Number, Vendor, website link	Slim Jim™, blue, vented, Commercial grade Rubbermaid SKU: FG354007BLUE ICPI, Home Depot https://www.rubbermaidcommercial.com/slim-jim-containers/slim-jim-vented-containers/?sku=FG354007BLUE#details
Accessories: Lid Accessories: clear liner	Slim Jim Paper Recycle Lid, blue H-1864BLU
Paired with as Set	C001, C002; L002
Image	

Thank you!

Questions – Comments?

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