

**City of Ann Arbor  
Solid Waste Resource Management Plan  
Advisory Committee Meeting #3  
April 23, 2019 Meeting Summary**

**Participant List – see final page.**

1. **Welcome** - Cresson Slotten, City of Ann Arbor Project Manager for the Solid Waste Resource Management Plan (SWRMP) Project welcomed the participants and updated them on recent events:

*On the status of the new solid waste/recycling regional authority that the County has been facilitating:*

- *Articles of Incorporation for Washtenaw Regional Resource Management Authority (WRRMA) completed.*
- *7 of the 8 communities that participated in developing the Articles have approved them and decided to join WRRMA.*
- *City staff and administration have been, and are still, supportive of the City joining WRRMA.*
- *On 1/24/19 the City's Environmental Commission approved a resolution stating that it is supportive of the City participating in a regional approach to materials management strategies and recommending that City Council join WRRMA.*
- *On 3/4/19 City Council tabled the resolution to approve membership. No date has been set for reconsideration of the resolution.*

*In addition, Committee member and Environmental Commissioner Stephen Brown sent an e-mail and document attachment to Christina, Charlie and I along with many members of the Advisory Committee on Friday, April 5<sup>th</sup>. In his e-mail, Stephen raised concerns about the process of this committee, including a less than desired focus on Zero Waste planning and vision in the SWRMP. As noted in my response e-mail to Stephen, the majority of the items in the document he attached are included in the Options developed by the Project Team and will be a key part of today's meeting. With regards to developing a "Real Zero Waste Plan" as part of this process, I will note that this project is being done within with the context of the recent Washtenaw County Solid Waste Plan, which endorses a Zero Waste approach to solid waste resource planning.*

2. **Review 1/15/18 Committee Summary and Pre-Meeting Commentary** - Charlie Fleetham, the Public Engagement Facilitator for the project, reviewed the agenda (see p. 18) and summarized the previous meeting, recounting input that had been received requesting the Project Team to present draft options (recommendations) to resolve issues raised by the Advisory Committee and other stakeholders. He noted that the Project Team had distributed a comprehensive set of options prior to the meeting.
3. **Work in Progress Review of SWRMP Recommendations** - Christina Seibert, Project Manager, APTIM, delivered a PowerPoint presentation, which accompanies this summary and is also available on the project website. Christina briefly reviewed the draft options, listed on page 3. The Advisory Committee was then asked to provide feedback on the options in a series of facilitated small group discussions that occurred in sequence covering Residential Options, Commercial Options, and Downtown Alley Options. A summary of the overall feedback is provided and followed by detailed notes of the seven small group discussions.
4. **Review of Public Education Efforts** - Heather Seyfarth, Ann Arbor Community Engagement Specialist and Jennifer Petoskey, Ann Arbor Solid Waste and Outreach Compliance Specialist reviewed the current solid waste education efforts, including a spotlight on the work of a team of students from Community High School. It was noted the students would like to present their work at the May meeting. Christina Seibert also briefed the

group on Aptim's ongoing activities to collect solid waste educational data from benchmark communities (which will be included in the final report).

5. **Update on Survey** - Christina reported that the survey had been successfully completed and the results were used (in part) to develop the options. The preliminary results/analysis were included in the PowerPoint presentation. Copies of the draft survey report and final topline results were provided to the Committee. (Note: this topic was re-sequenced from the agenda to provide more time for the report on Public Education efforts.)
6. **Meeting Close** - Cresson thanked the participants for their sustained participation in the planning process and in particular noted the energetic contributions during the meeting's small group discussions. Cresson also responded to a question about the status of the proposal submitted by RAA regarding the City's MRF. A summary of his response follows:

*The City has been approached by Recycle Ann Arbor to operate the City's MRF as a "mini-MRF" and they submitted a written narrative of this concept. The City and APTIM reviewed the information and the City provided written feedback to RAA on items and level of detail that will need to be included in a formal proposal for this concept if they decide to submit one to the City. If RAA does submit a detailed proposal as they described, there will need to be a determination by the City if the City can act on an unsolicited sole-source proposal such as this, or if it would have to be solicited by the City through a Request for Proposals (RFP) process.*

**PRELIMINARY OPTIONS OVERVIEW**

Option	Sector Impacted	Benefits			Planning-Level Incremental City Solid Waste Fund Direct Cost Impact (\$/year, based on FY18 costs)
		Increase Diversion	Reduce Toxics	Enhance / Improve Services	
Year-Round Residential Compost Collection	Residential	✓		✓	\$70,000-\$140,000
Curbside Textile Collection	Residential	✓		✓	\$0 (modest revenue potential)
Bulky Waste Collection	Residential			✓	\$380,000-\$760,000
Electronic Waste (E-Waste) and Household Hazardous Waste (HHW) Collection	Residential	✓	✓	✓	\$390,000-\$440,000
Fats, Oils, and Grease (FOG) Management	Commercial	✓		✓	\$30,000-\$70,000 (Year 1, incl. implementation)
Commercial Organics Collection	Commercial	✓		✓	\$520,000 - \$1,540,000
Student Move-In / Move-Out Collections	Commercial	✓		✓	\$90,000-\$120,000
Construction and Demolition (C&D) Waste	Commercial	✓		✓	\$60,000-\$100,000 (Year 1, incl. implementation)
Commercial Services Participation Enforcement	Commercial	✓		✓	\$1,070,000-\$1,200,000
Improved Downtown / Alley Collection Services Alt. A - 7-Day Collection, Mandatory Sat & Sun Collection for Restaurants / Bars in DDA	Commercial / Residential			✓	\$330,000
Improved Downtown / Alley Collection Services Alt. B - Consolidated Containers and 7-Day Collection with Special Assessment	Commercial / Residential			✓	\$40,000 (planning / design only)
Improved Downtown / Alley Collection Services Alt. C - Consolidated Underground Containers and 7-Day Collection with Special Assessment	Commercial / Residential			✓	\$63,000 (planning / design only) Rough capital estimate = \$1,081,000 (pilot) - \$5,020,000 (full-scale)
Improved Downtown / Alley Collection Services Alt. D - Bag-Based Collection with Twice Daily Pickup	Commercial / Residential			✓	\$860,000 (full cost for collection; excludes disposal)

**Notes:**

1. Cost impacts reflect City-incurred direct costs to the Solid Waste Fund only. Some options may impact other City departments / funds through added staff effort in those departments, which has not been quantified. Additional indirect costs may also be assessed to the Solid Waste Fund based on added staff or increased allocations levied by other City departments outside of the solid waste area, which have not been quantified.
2. Reflects expenses only; revenues from user fees or other sources may offset some expenses.

# RESIDENTIAL OPTIONS: ADVISORY COMMITTEE FEEDBACK

Residential Sector Options	Advisory Committee Feedback
Year-Round Residential Compost Collection	<ul style="list-style-type: none"> <li>• Strong support</li> </ul>
Curbside Textile Collection	<ul style="list-style-type: none"> <li>• Broad support</li> <li>• A few questions about impact on reuse outlets and what happens to collected material</li> </ul>
Bulky Waste Collection	<ul style="list-style-type: none"> <li>• Mixed support</li> <li>• Concerns raised about what would be collected and how costly it may be</li> </ul>
E-Waste and HHW Collection	<ul style="list-style-type: none"> <li>• Mixed support</li> <li>• Not sure it is needed, given other options available</li> <li>• Concerns / questions raised about risks or liability issues and cost</li> </ul>

# COMMERCIAL OPTIONS: ADVISORY COMMITTEE FEEDBACK

Commercial Sector Options	Advisory Committee Feedback
FOG Management	<ul style="list-style-type: none"> <li>• Generally supported</li> </ul>
Commercial Organics Collection	<ul style="list-style-type: none"> <li>• Strong support, especially if focused on larger food-oriented businesses</li> </ul>
Student Move-In / Move-Out Collection	<ul style="list-style-type: none"> <li>• Limited support</li> <li>• Concerns raised about diverting reusable materials and the need for the added service</li> </ul>
C&D Waste	<ul style="list-style-type: none"> <li>• Generally supported, with need for more data before setting policy</li> <li>• Limited processing infrastructure available, this will be a longer-term implementation item for the diversion element</li> </ul>
Commercial Services Participation Enforcement	<ul style="list-style-type: none"> <li>• Strong support</li> <li>• Questions raised about perceived high cost</li> </ul>

## DOWNTOWN / ALLEY OPTIONS: ADVISORY COMMITTEE FEEDBACK

Downtown / Alley Collection Service Improvement Options	Advisory Committee Feedback
Alt. A - 7-Day Collection, Mandatory Saturday & Sunday for Restaurants / Bars	<ul style="list-style-type: none"> <li>• Strong support</li> <li>• Required minimum level of service should be specified</li> </ul>
Alt. B - Consolidated Containers and 7-Day Collection with Special Assessment	<ul style="list-style-type: none"> <li>• Strong support</li> </ul>
Alt. C - Consolidated Underground Containers and 7-Day Collection with Special Assessment	<ul style="list-style-type: none"> <li>• Little support; may be interest on a small pilot level</li> <li>• Concerns about cleanliness around containers and ability to service</li> </ul>
Alt. D - Bag-Based Collection with Twice Daily Pickup	<ul style="list-style-type: none"> <li>• Nearly all opposed</li> <li>• Concerns raised regarding cleanliness / bag breakage / rats, ability to service, and aesthetics</li> </ul>

## **Option Small Group Discussion Notes:**

**Facilitator: Charlie Fleetham**

### **Residential Options:**

1. Which options knocked your socks off? Why?
  - None of the options knocked their socks off, but the group supported year-round composting if demand was sufficient because the public seemed to want it.
2. Which turned you off? Why?
  - Adding any new services is problematic because City has trouble delivering expected level of service now.
  - Recycling market is weak. Not sure if it will support E-Waste, Textile and Bulky Waste collections.
  - Bulky waste was a service that the City intentionally discontinued in the past because it was very costly. Why would it be brought back, and what would be included (and not included)? The rules would have to be very clear.
3. Questions on any of them?
  - The City should be focusing on improving the Drop Off Station. For example, the gate fee is a detriment to the customers.
  - The E-Waste pick up is a good idea, but how much would it cost us to implement?
  - Where is the focus on education? It is one of our biggest needs.

### **Commercial Options:**

1. Which options knocked your socks off? Why?
  - Commercial organics collection could be a big win for the City if we target high volume producers. Need to implement effectively or will lose confidence of food producers.
  - Commercial Enforcement is a good idea as long as the cost is right.
  - C&D diversion is interesting, but will take a long time to develop properly. Suggest they focus on UofM to start as the university is doing lots of construction.
2. Which turned you off? Why?
  - Student move-in / move-out services proposed should be covered by the property owners. Funding this service is not appropriate, and a centralized Drop Off Station is already available.
  - FOG - why centralize a service that is already provided by small independent operators? Not seeing the justification for the effort required to implement this program.
3. Questions on any of them?
  - UofM is big producer of C&D waste. Why should the City get into this business?
  - How would the City enforce the regulations?
  - Why is cost for the Commercial Services Participation Enforcement so high?

### **Downtown/Alley Options:**

1. Which two alternatives should be given the most consideration? A and B hands down.
2. Any strong feelings about any alternative?
  - 7-day service is a must for Downtown – the entire district, not just the DDA.
  - Underground - absolutely not! Too costly and too long to implement.

## **Option Small Group Discussion Notes:**

**Facilitator:** Molly Maciejewski

### **Residential Options:**

1. Which options knocked your socks off? Why?
  - The group was in agreement that they liked options 1 (year-round residential compost collection) & 2 (curbside textile collection).
  
2. Which turned you off? Why?
  - Bulky Waste/ Toxics
    - Sends wrong message about recycle & reuse
    - Is there a problem we're trying to fix? Seems that we don't have a problem.
    - Gives message that those items are easy to manage. If residents have to take extra steps, they resist. (There was some disagreement on this, as another person pointed out that curbside take back does require resident effort.)
    - City shouldn't have to pay.
  
  - Should promote existing collection/drop off method rather than create new. Feel that people do use DOS now. Don't want to encourage unlimited service at curbside.
    - Negates idea of reuse
    - Expand DOS capabilities
    - Incentivize recycling of e-waste
    - If we offer these services, it should be for a fee to the residents who participate.
    - People confuse construction waste with bulky waste. Will this problem increase if we offered bulky waste pickup?

### **Commercial Options:**

- Needs exist in all areas, but logistical challenges to them.
- Commercial services participation is a high priority
- Like Move in/Move out: Structure is in place, need to enforce.
- Commercial organics – Some in group thought low priority, some high. Who pays? How to overcome logistics-space, volume, frequency of pickup, cost. If can overcome will definitely increase diversion.
- Need an innovative way to address C & D waste.
- Make sure overall goals are being thought of for each of these (Sustainability Climate Change). For example, if send trucks out for winter compost collection, does benefit outweigh greenhouse gas impact of trucks?

### **Downtown/Alley Options:**

- Group preferred options A & B with D as a supplement.

## **Option Small Group Discussion Notes:**

**Facilitator: Jenny Petoskey**

### **Residential Options:**

1. Which options knocked your socks off? Why?
  - 2 people liked the year-round compost, 2 liked textiles, 1 liked year-round compost, 2 liked bulky item pickup, and 1 liked the household hazardous waste (HHW) pickup.
  - Regarding the textiles, they liked that the cost was minimal.
  - Regarding the bulky item collection:
    1. Think it will cut down on illegal dumping.
    2. These items are currently expensive and hard to get rid of.
  - Regarding the HHW pickup:
    1. Could allow the City to effectively add this to the diversion rate.
    2. Has toxics that should be kept out of the landfill.
    3. E waste is becoming a bigger and bigger issue.
  
2. Which turned you off? Why?
  - Regarding HHW:
    1. Is this a liability for the City?
    2. Does this make the City a transporter?
    3. Is this a liability at the curb?
    4. Some would prefer more drop off locations instead.
  - Regarding textiles collection:
    1. Low volume is a concern.
    2. Worried about contamination.
    3. Worried about removing this stream from the City's reuse stores.
  
3. Questions on any of them?
  - What efficiencies can we make with resources, particularly for low density services?
  - There are concerns about equity. Specifically, how do we assess costs to take income into account? We don't want to price more people out of the City's housing market.
  - How do we capture economy of scale?
  - Are there vendors that offer multiple services?

### **Commercial Options:**

1. Which options knocked your socks off? Why?
  - Three people liked the fats, oils, and grease (FOG) option, 2 liked commercial organics, and 2 liked enforcement.
  - Regarding FOG:
    1. Opportunity to make money.
    2. Consolidation could create more real estate.
    3. Can these be put underground?
    4. It is a low cost.
    5. Could it be part of the business district?
  - Regarding commercial organics:
    1. Possible under the business district.
    2. Businesses want this.

3. Logistical space is a concern.
  4. This option fits with Ann Arbor's culture.
  - Regarding enforcement:
    1. How do we coordinate with the County to get information as the County requires restaurants to have waste plans?
    2. More enforcement tools would be needed.
2. Which turned you off? Why?
    - Construction & demolition
      1. Not in the City's jurisdiction.
      2. High cost.
      3. City doesn't have enough incentives to overcome costs.
      4. More of a corporate issue.
    - Student move in/out
      - These costs should be incurred by the property owner/manager.
3. Questions on any of them?
    - Do any cities have incentives for accurate participation?
    - How can we narrow the gap on organics collections costs?
    - How do businesses fall through the gaps with getting services?
    - What tools are available for enforcement?
    - Can service be provided 6 days a week with the week running Wednesday through Monday?

**Downtown/Alley Options:**

1. Which two alternatives should be given the most consideration?
  - A and B
2. Any strong feelings about any alternative?
  - A:
    1. It's simple.
    2. No new infrastructure needed.
    3. It's immediate.
  - B:
    1. Gets rid of cheating.
    2. Addresses high turnover.
    3. Addresses cultural differences.
    4. How will it logistically work?
    5. Would like to see service 6 days a week from Wednesday through Monday.
    6. Would create less trash in the alleys.
    7. Can we use compactors?
  - C:
    1. Seems very expensive.
    2. Nice and streamlined.
  - D:
    1. Bags could be chewed.
    2. How would it deal with cheating?
    3. Don't need 2 times per day pickup.

## **Option Small Group Discussion Notes:**

**Facilitator: Christina Seibert**

### **Residential Options:**

1. Which options knocked your socks off? Why?
  - The group favored both composting and textile recycling.
  - Year-round composting was the most strongly favored, though the group recognized there will still be issues or concerns with food freezing in carts.
  - Textile recycling is a nice option and seems like a good idea based on other communities already doing it and no real cost to the City to offer it.
  
2. Which turned you off? Why?
  - Bulky waste was a service that the City intentionally discontinued in the past because it was very costly. Why would it be brought back, and what would be included (and not included)? The rules would have to be very clear.
  - Bulky waste and e-waste/HHW options present Clean Community concerns and liability risks that seem unnecessary to take on given other options that are available.
  
3. Questions on any of them?
  - Where would textiles go that would be collected? Has anyone vetted Simple Recycling?
  - Is there a way to provide HHW and e-waste services by tagging onto the U of M's program? How well does that program work?
  - Could bulky pickup be done by a contractor instead of by the City?
  - Could bulk waste companies (like 1-800-GotJunk) be required to be licensed and report quantities they collect and divert to the City?

### **Commercial Options:**

1. Which options knocked your socks off? Why?
  - Enforcement is a must and was strongly favored by the group.
  - C&D diversion is interesting, and opportunity seems high, but the group recognized it would need time due to need for development of processing facilities to be successful.
  - FOG was supported as something worth doing. Enforcement is needed in this area because there is belief that not all restaurants divert grease now and no process for inspections to make sure they are.
  - Commercial organics are of interest because there are businesses who want the service, but it would be a fit only for larger food-generating businesses.
  
2. Which turned you off? Why?
  - Student move-in / move-out services proposed do not include diversion and focus on just picking up the trash more frequently. There were concerns also that providing more frequent pickup will lead to people from other parts of the community bringing their trash to the dumpsters in the designated collection area.
  
3. Questions on any of them?
  - Why is cost for the Commercial Services Participation Enforcement so high?
  - With commercial organics, how will businesses have space to collect food waste inside? And what will the contamination impact be?

### **Downtown/Alley Options:**

1. Which two alternatives should be given the most consideration?
  - A and B
  
2. Any strong feelings about any alternative?
  - The provision of 7-day collection is a huge positive of all options.
  - A (individual containers with mandatory weekends for restaurants) would be easiest and fastest to implement and take care of a lot of problems.
  - B (consolidated containers with a special assessment) is interesting because it gets more containers out of the alleys, but there are questions about how the costs would be apportioned and whether businesses will support it or follow best practices in using their assigned containers.
  - D (bags) is a terrible idea and should not be done. There is too much risk for breakage, it would look bad, and it would be difficult to provide a second collection every day because alleys are blocked with deliveries and vehicles all day and evening.
  
3. Questions on any of them?
  - Who would decide how to separate costs for each business?
  - Will some businesses still have to have carts if there isn't space for a dumpster?
  - If a business does not use the right dumpster or is putting the wrong materials in the dumpster, how would the City know who is at fault?

## **Option Small Group Discussion Notes:**

**Facilitator: Heather Seyfarth**

### **Residential Options:**

- Liked all options
- Year-round compost needs education and possibly incentive for users.
- Curbside pick-up: there is a concern about taking away from local resale.
- Bulk pick-up: there is a concern that it will go to landfill. We need to ensure that items that can be reused and recycled will be and that any toxic materials will be handled properly.
- Question: Are the compost costs too low? Seems like the cost would be triple that amount.
- Education is necessary for everything. Electronic waste education was specifically noted.

### **Commercial Options:**

- FOG is somewhat self-managed because of “greasers” coming by and emptying containers, but the containers and the areas around the containers need to be taken care of better. Maybe a registration or at least better lines of communication about who is responsible.
- FOG service is considered to be a nice thing to have, but not a top priority.
- Organics is considered a top priority (ranked 3). There is a question about whether people can receive some type of credit for diverting organics waste – maybe regular trash would be cheaper if a business was diverting organics from it?
- Student move in/out is considered a top priority (ranked 2), but the group would like the city to ensure that the items being picked up would not all go to the landfill.
- C&D: The group wondered if there was a way to get a sense of the amount of C&D was that is occurring now. Maybe track it through the permitting process.
- Enforcement is considered a top priority (ranked 1), but the group wondered if there was a way to use technology to lower the cost.

### **Downtown/Alley Options:**

- Options A and B were favored
- Question: why are the Greenhouse Gas Estimates different?

## **Option Small Group Discussion Notes:**

**Facilitator: Cresson Slotten**

### **Residential Options:**

1. Which options knocked your socks off? Why?
  - The group liked all of them, and didn't put any one higher than the others -
  - "Include them all and educate the customers on them."
  - When pushed to even rank them, only one person was willing to offer the following:
    1. E-Waste and HHW Collection
    2. Year-Round Residential Compost (Organics) Collection
    3. Bulky Waste and Curbside Textile Collection
2. Which turned you off? Why?
  - Not a turn off, but a concern on the unknown endpoint of the E-Waste, that it be handled properly and not end up in a landfill at the end, or at a 3<sup>rd</sup> world country and causing environmental issues there.
3. Questions on any of them?
  - Why is the anticipated diversion rate for the Year-Round Residential Compost Collection Option only 10% of what was reported/included in the Organics Management Plan? Has something changed in the last couple of years?
  - Would fluorescent bulbs be included/allowed in the HHW Collection? What about batteries?
  - How will the potential of compost/organics freezing in the carts be handled?

### **Commercial Options:**

1. Which options knocked your socks off? Why?
  - The ones with higher Greenhouse Gas reduction - - Commercial Organics Collection; Commercial Services Participation Enforcement
  - F.O.G. since there are no controls in the city today
  - C & D since a big opportunity for diversion
    - But concern raised for implementing in the downtown due to space limitations and challenges... would need to be a phased-in implementation
  - Student Move-In/Move-Out due to importance/impact of the U-M on the community
    - Suggested there be an additional charge/surcharge on rental unit inspections (e.g., \$5) that would go into specific "pot" to fund the option
    - Strong disagreement with this suggestion by one member:
      1. Landlords can't/shouldn't pay more.
      2. Need to have it just the way it was... the Solid Waste Commission figured it out and the City did it the right way and then took it away... need it to come back, and come back now.
2. Which turned you off? Why?
  - Having Student Move-In/Move-Out funded by the full City taxpayers (all but one member).
  - C & D in the downtown (noted above)
3. Questions on any of them?
  - Why is cost for the Commercial Services Participation Enforcement so high?

### Downtown/Alley Options:

1. Which two alternatives should be given the most consideration?
  - A and B
  
2. Any strong feelings about any alternative?
  - B is the preferred between A and B
  - Option C (Underground)
    - Limitations on space for available installations
      1. ROWs already crammed with utilities, etc.
    - Freezing conditions, potential to have problems (?)
  
  - Option D (Bags)
    - More involved/complex for City and customers
    - Bags would be unsightly, especially if left out for extended period
    - Winter conditions likely to be problematic
      1. Bags would end up covered by snow due to event itself and/or clearing and shoveling
    - Instead of dumpster diving, potential for “bag tearing” (including during operations)

## Option Small Group Discussion Notes:

Facilitator: Nancy Stone

### Residential Options:

#### 1. Which options knocked your socks off? Why?

- **Year-round residential compost collection.** All Yes. WeCare/Denali site has capacity and would welcome the volume. Advised that winter month food pickups would work best with pre-bagged materials (dump scraps into a 33-gallon paper bag used as cart liner or use BPI “plastic” bags). 1-2x/month seems adequate. EDUCATION: need to provide residents with calendar each year with specific pickup dates—as home mailer and/or as ads in A2 Observer—as well as online. Past monthly pickup schedule also had volunteers who placed out yard signs stating, e.g., “Winter compost cart pickup is on this week’s curbside pickup day, a2gov.org/compost.”
- **Bulky Waste Collection.** All Yes with understanding the resident will pay for service at a reasonable rate, such as \$30 up to first cubic yard/each large item. Not free service to resident. One neighboring community sells tags that are attached to bulky item(s), bags, which works well. [2013 A2 waste plan suggested annual or 2x/year rotating neighborhood reuse days, with remaining materials picked up by city at no charge.

#### **Cautious Support:**

- **Curbside Textile Collection.** Cautious Yes. Not sure it’s needed but the promotion/reminder to people to reuse clothing & textiles instead of landfilling them may be a useful and a convenient message at no cost to the City and possibly directing some profits (1 cent/pound) to the city. Worth a pilot.
- **E-waste and Household Haz Waste (HHW) collection.** Cautious interest due to concerns over privacy/hard drives; potential spills of Haz Waste, Lead, Mercury. Could possibly fold some items into Bulky Pickups. [Washtenaw County sometimes sponsors a free senior’s pickup of HHW and light bulbs during United Way Day of Service.]

### Commercial Options:

#### 1. Which options knocked your socks off? Why?

- **Fats, Oils, Grease (FOG) Management.** Agreement that FOG must be handled responsibly. People responsible for buildings & businesses feel that the issue isn’t the contracted frequency of collection, but that the alleys are blocked by other vehicles and so the FOG collection trucks skip stops. There are also new technologies for storing FOG inside with connection hoses to exterior trucks that are being installed in town.
- **Commercial Organics Collection.** Yes, for restaurants; case-by-case for mixed use buildings. But concern to “fix alley collection first” before adding a new, potentially messy program.
- **Construction & Demolition (C&D)** Important issue but requires a dedicated, separate study to begin to address issues. Needs sponsored pilots to grow local infrastructure to handle mixed materials. Concrete is easy to separate and manage locally. Calverts would need to expand facility to handle much larger C&D quantities. Previous C&D report from ~1998 suggested starting with largest projects >\$1 million and phase-in smaller projects [Possible pilot using county’s or state’s grant programs?]

#### 2. Which turned you off? Why?

- **Commercial Services Participation Enforcement.** No/not sure.

#### 3. Questions on any of them?

- **Student Move-in/Move-Out Collections.** Previous program worked fine until the arrival of new high-rise apartments/condos and cut-backs on days of service. More than 6,000 new residents have been added to DDA (per city census of 119,000) since 2000 but no increase in student turn-around service. [Return to start the extra

dumpster tips and curbside pickups BEFORE UM graduation in order to present a “Clean Community” to parents, visitors. The case has been presented that students with curbside pickups--and living in apartments adjacent to those with dumpsters—will use the dumpster when they move out in order to avoid city citations.]

**Downtown/Alley Options:**

- **Alt A Mandatory Sat & Sun Collection for Restaurants & Bars in DDA.** Year-round Sunday is not needed. Essential for game and other event (e.g., Hash Bash) weekends but e.g., February is a slow time for trash. The biggest issue is access to the blocked alleys. People in the field felt a mandatory ordinance is asking for a fight because businesses rankle on anything mandatory. Better to work with voluntary compliance and a strategy to access alleys.
- **Alt B Consolidated containers 7x/week; Special Assessment (AKA Business Improvement Zone, BIZ).** Yes. South U is working on a similar plan. A small area on Main St has one in effect.
- **Alt C Underground containers 7x/week, Special Assessment (BIZ).** No. The DDA has been actively encouraging businesses to fill-in vaults. This is a reverse of agreed-upon improvements/quality of life/infrastructure.
- **Alt D No carts; Twice daily, 7x/week bagged pickups.** No, no, no. Little discussion. Implied problems include scavengers, vermin, alley access blocked by bags, plastic waste, etc.



**City of Ann Arbor  
Solid Waste Resources Management Plan (SWRMP)  
Advisory Committee Meeting #3 Agenda  
April 23, 2019**

**Ann Arbor DDA, 150 South Fifth Ave, Ann Arbor  
1:00 pm to 3:00 pm**

<b>1:00 p.m.</b>	<p><b>Welcome and Group Introduction</b></p> <ul style="list-style-type: none"> <li>▪ Updates re: City Activities Impacting the SWRMP - Cresson Slotten, Ann Arbor Solid Waste Resources Management Plan Contract Manager</li> <li>▪ Advisory on Mr. Steven Brown April 5 email re: <i>SWRMP/APTIM Citizen Advisory Committee statement of concern</i></li> <li>▪ Agenda Review/Desired Outcomes Poll - Charlie Fleetham, Facilitator, Project Innovations, Inc.</li> </ul>
<b>1:15 p.m.</b>	<b>Review 01/15/19 Committee Summary - Charlie Fleetham</b>
<b>1:25 p.m.</b>	<p><b>Work in Progress Review of SWRMP Recommendations - Christina Seibert, APTIM Project Mgr.</b></p> <ul style="list-style-type: none"> <li>• Summary Review of Pre-Meeting Materials</li> <li>• Facilitated Group Discussion</li> </ul>
<b>2:30 p.m.</b>	<p><b>Update on Survey - Christina Seibert</b></p> <ul style="list-style-type: none"> <li>▪ Preliminary Results</li> <li>▪ Q&amp;A</li> </ul>
<b>2:40 p.m.</b>	<p><b>Review of Current Public Education Efforts - Heather Seyfarth, Ann Arbor Community Engagement Specialist/Jennifer Petoskey, Ann Arbor Solid Waste and Outreach Compliance Specialist/Christina Seibert</b></p> <ul style="list-style-type: none"> <li>• Review of Current Efforts in Ann Arbor</li> <li>• Community High School Program - Emerging Leaders in Youth Education!</li> <li>• What are the National Leaders Doing?</li> </ul>
<b>2:55 p.m.</b>	<b>Action Items/Agenda Topics for Next Meeting - Charlie Fleetham</b>
<b>3:00 p.m.</b>	<b>Meeting Close - Cresson Slotten</b>
<b>3:05 p.m.</b>	<b>Public Comment (three-minute limitation per speaker)</b>

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