



# City of Madison

City of Madison  
Madison, WI 53703  
www.cityofmadison.com

## Agenda - Approved

### SOLID WASTE ADVISORY COMMITTEE

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Thursday, February 4, 2016

4:30 PM

1501 W. Badger Rd.

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If you need an interpreter, translator, materials in alternate formats or other accommodations to access this service, activity or program, please call the phone number below immediately.

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Yog tias koj xav tau ib tug neeg txhais lus, ib tug neeg txhais ntwv, cov ntaub ntwv ua lwm yam los sis lwm cov kev pab kom siv tau qhov kev pab, kev ua num los sis kev pab cuam no, thov hu rau tus xov tooj hauv qab no tam sim no.

#### CALL TO ORDER / ROLL CALL

#### APPROVAL OF MINUTES

November 5, 2015:  
<https://madison.legistar.com/View.ashx?M=M&ID=378947&GUID=DE16E4C3-6ED3-4BCD-A563-F13133F4FDFA>

#### PUBLIC COMMENT

#### DISCLOSURES AND RECUSALS

Members of the body should make any required disclosures or recusals under the City's Ethics Code.

#### NEW BUSINESS

41633 Debrief of Biodigester Tour from January

41635 Metal Scrapping in the City of Madison

#### DISCUSSION ITEMS

41634 City of Madison Solid Waste Plan - 2017

37890

[A Committee discussion of the Streets Division's efforts to establish a program for the recovery of source separated organics]

2011:

The Streets Division is planning a pilot collection program for collecting household organics from a select group of households. The number of households will be determined by the funding available in the 2011 Operating Budget. The funding will also determine the start date.

The goal is to have at least 500 households in two different refuse collection district, one east and one west.

Material collected will include food waste, pet waste, contaminated paper, waxed cardboard and possibly diapers.

In addition to the collection pilot, the program will also include a mail survey of 1000 Madison households and a later internet survey.

The 2012 City Operating Budget includes funding for a feasibility study on an anaerobic digester. The intent is to hire an experienced consultant to conduct the study.;

The Engineering Division conducted a wetlands mapping survey of potential digester sites located near the Dane County Landfill. Other City owned parcels may also be considered for a digester. Those sites are yet to be determined.

City staff is also looking at the various technologies that could be employed for a digester.

2012:

For the first six months of the pilot program we collected 13.8 pounds per household per week. That would translate into 21-25,000 tons of material per year, which is more than our waste sort indicated was in the waste stream. Staff believes that the volunteers are very committed to the program which accounts for the higher than anticipated diversion.

Data was collected from our volunteers for Mater B, the plastic resin producer that provided us with bags for the first six months of the program. They were quite pleased with the response and the information will be presented at a Bio Cycle conference in Portland, OR in April

March, 2012:

City staff has determined that the best location for a digester will be near the Rodefild landfill. Staff will begin discussions with Dane County on how best to locate the facility and develop a plan for facility sharing where feasible.

Staff has narrowed down possible consultants to four and will be conducting

interviews. We hope to be able to report on a selection at the April 5th Solid Waste Advisory Committee meeting.

The plan is to expand the pilot program by adding 100 households on the west side in late spring. We currently have 300 households plus the Madison Children's Museum on the east side routes and 185 households on the west side.

2014

The Streets Division has received funds in the budget to expand the pilot project by adding 1,600 households and 25 to 30 commercial establishments to the budget. The plan is to do the expansion in July. Recruitment will begin in May.

May, 2014

The pilot expansion program has been put on hold. The digester at UW Oshkosh has been informed by the composter Zilgas, that there is too much non compostable plastic material in the digestate when it comes from the digester. The Wisconsin DNR also has issues with the presence of pet waste in the material coming from Madison. The pet waste issue can be overcome easily. The contamination requires the Streets Division to screen the material. We will be testing several screens to see what might work.

August, 2014

It was determined that a screen adequate for our purposes would cost \$120,000. At this time there is no funding in the budget for the screen. A decision was made as part of the capital budget process to postpone the digester construction by one year to 2017. Based upon this decision and the lack of funds for the screen, the Streets Division has determined that the pilot will come to an end in September.

September, 2014

The Council has voted to allow the Streets Division to use \$120,000 from the Sustainability Fund for the purchase of a screen. The Streets Division will continue the pilot program while conducting more screen testing. The expansion of the pilot to commercial facilities will go forward ASAP. The expansion to the 1,600 households has been put on hold because it will not be possible to get the households recruited and carts distributed before the start of leaf collection. At that time, the Division will not have staff to take on the distribution of carts for the start up of the expansion. The household expansion will be put on hold until spring, 2015.

March 2015

After discussing options with the staff at the Oshkosh digester it was determined that screening would not address the concerns of the composter so a screen was not purchased.

July, 2015

Staff has received approval to take the material to the digester in Middleton. This digester was built in cooperation with Dane County and is owned by the Gunderson Clinic in LaCrosse and operated by Dynamic Systems Management. A decision was made to stop calling the program a pilot. It is now the Madison Organics Program.

October, 2015

Staff is proceeding with adding the first 500 HH's to the program. The new HH's will be on the near west side and will be what we are referring to as the "mandatory" group. Residents on the route will not volunteer. We are including all households on the route unless they opt out.

November, 2015

The expansion is proceeding. The HH's in the new area have been notified and public meetings will be held 11/14 and 11/16 to discuss the expansion with the affected residents. The Committee will be taking a tour of the Middleton facility in lieu of it's regular December meeting.

2016

February: Collection in expansion area is ongoing. Area includes 500 HHs, and 11 businesses. Soon will include West High School and the Preschool for the Arts. On February 29 there will be a community meeting at Sequoya Library to update neighborhood in the first expansion area how program has worked. Presentation will be viewable online at <http://tinyurl.com/organicscheckup>. Further expansion plans are continuing.

## **ADJOURNMENT**