



Green Practices Commission

6801 Delmar Boulevard, University City, Missouri 63130, Phone: (314) 862-6767, Fax: (314) 863-9146

AGENDA



GREEN PRACTICES COMMISSION MEETING

Thursday, March 8, 5:30 – 7:00 p.m.

Heman Park Community Center, 975 Pennsylvania Avenue

1. Roll Call
2. Opening Round
3. Approval of Minutes
 - a. 02/08/18 Green Practices Commission Meeting Minutes
4. Special Presentations
 - a. Gregory Rose, City Manager University City: Vision of Sustainability
 - b. David Pickerill, Executive Director Missouri Clean Energy District: PACE program overview
 - c. Public Comments (Limited to 3 minutes for individual's comments and 5 minutes for representatives of groups or organizations)
5. New Business
 - a. New Member introductions
6. Old Business - None
7. Commission Reports
 - a. Council Liaison Update
 - b. Quarterly Report – Education/Communication/Advocacy: Timothy Dugan
8. Closing Round
9. Adjournment



Green Practices Commission

6801 Delmar Boulevard, University City, Missouri 63130, Phone: (314) 862-6767, Fax: (314) 863-9146

Meeting Minutes – University City Green Practices Commission

DRAFT

February 8, 2018

Location: Heman Park Community Center

Attendees Present: Lois Sechrist (Interim Chairperson), Barbara Brain, Adam Staudt, Timothy Dugan, Jenny Wendt (Staff Liaison), Adam Brown (Staff), Terry Crow (Council Liaison)

Absent: Jonathan Stitleman (Chairperson), Kathy Straatmann

1. Meeting Called to Order - Roll Call at 5:33
Special Guests: Sinan Alpaslan
2. Opening Round:
 - a. Lois – Assigned as liaison to the OneSTL Waste/Materials Group.
 - b. Barbara – Listened to the “Localizing the Paris Agreement: Local Government Action and the Road Ahead” webinar. New Orleans Louisiana and Urbana Illinois governments are both actively participating.
 - c. Barbara – Maryland Heights has endorsed Bring Conservation Home.
 - d. Jenny – City Manager will attend the next Green Practices Commission Meeting.
3. Approval of Minutes
 - a. The 1/11/18 minutes were approved as written.
4. Special Presentation – Sinan Alpaslan, University City Director of Public Works and Parks presented on the MSD Storage Tanks Update: University City is actively seeking a consultant to review the MSD storage tank options. 6 options have been developed with estimated costs. Green Practices Commission expressed interest in being involved in the review to determine if and what sustainable practices can be incorporated into the design.
5. New Business
 - a. Recycling Postcard – Jenny distributed the recycling postcard for review by commission. Lois suggested that the economic benefits need to be clearly stated and strongly promoted.
6. Old Business
 - a. Sustainability Strategic Plan Review – Jenny will compile the documents into 1 file and send a link to the document in google docs to the group.
 - b. Climate Action Plan (CAP) Update – Lois will finish summarizing the CAP and send it to the group.

7. Commission Reports

a. Council Liaison Update – Terry Crow updated the commission:

- i. New City Manager, Gregory Rose started in December 2017
- ii. Olive/I-170 development should be announced in the next couple of months.
- iii. There will be a robust review of Emergency Services outsourcing
- iv. April 3rd City Council, School Board, Mayor
- v. Budget will be passed in May/June
- vi. Determination of Prop P funds
- vii. Hawthorne Schools will become rental units

b. Quarterly Report – Energy: Adam Staudt reported on the usefulness of integrated lighting controls by way of dimmers, motion sensors, programable controls, etc. 21% of total energy in buildings is lighting. Savings associated with controls can be up to 67% depending on the type of space; 45% cost reduction in private office, 60% reduction in bathroom, 75% reduction in warehouse space.

8. Closing Round

- a. Lois – Not too early to start thinking about Earth Day.
- b. Barbara – Was looking for somewhere to take a mattress and box springs to be recycled; Salvation Army accepts these items.

9. Adjournment at 7:00 pm.



Department of Public Works and Parks

6801 Delmar Boulevard, University City, Missouri 63130, Phone: (314) 505-8560, Fax: (314) 862-0694

MEMORANDUM

TO: Green Practices Commission
FROM: Jenny Wendt – Project Manager
MEETING DATE: February 22, 2018
SUBJECT: Update on projects related to sustainability

Please see below for an update on all of the current sustainability related projects for the Department of Public Works and Parks:

- Green Schools Quest: Staff is working with Jackson Park Elementary on increasing biodiversity for the Green Schools Quest program. This project includes, bird houses, a water feature, and some native plantings. The project completes mid-March.
- 2018 St. Louis Jefferson Solid Waste Management District Waste Reduction Grant: The City was awarded \$20,000 for a free “CRT TV Takeback” in coordination with a biannual electronics recycling event. The grant includes funding toward advertisement, education, and the cost of TV recycling.
- Transportation Alternative Program Grant Application: Staff is proceeding with the TAP project updating the lighting to LED and creating ADA access along Ackert Walkway and through Ackert Park. Council has approved the project. This project is anticipated to begin design in March 2018 and begin construction in 2019.
- University City is part of a regional group working on regional recycling education and standardizing the recycling message. The main goals of the group are Education/Communication, Policy, and Business Development; with the first action items as follows:
 - Create a common list of recyclables for everyone in St. Louis City and the 7 county region to use: (Franklin, Madison, St. Louis, St. Charles, Jefferson, St. Clair, Monroe)
 - Creation of a stakeholder group of county, city, muni personnel, landfill, hauler, recyclers, and other entities directly involved and critical in the message distribution.
 - Create a regional database of where to recycle non-single stream items. This database will include locations in the 7 counties and St. Louis City.

The group received for a 2018 St. Louis Jefferson Solid Waste Management District Waste Reduction Grant for mass distribution of the standard message of single stream recycling and education and outreach regarding basic recycling and the problems with plastic bags. The majority of the funding will go toward a PR firm specializing in this messaging.

- 2017 Solid Waste Management District Grant: Awarded \$50,000 for 95 gallon recycling carts and toward a robust recycling education program. Remaining residential 65 gallon recycling carts will be replaced with 95 gallon carts. Carts have been received and distribution has begun. A new Recycle Guide is being developed and postcard are ready for distribution.

- 2017 St. Louis County Department of Public Health: Staff has received funding for a commercial recycling initiative for Olive Boulevard businesses. An intern has been selected and will be notified about the position.
- MS4: (municipal separate storm sewer system). *When water runs off a property, it flows into the municipal separate storm sewer system (MS4) which is composed of streets, storm drains, ditches, waterways and other facilities, both public and private, by which storm water is conveyed. The MS4 is separate from the MSD's sanitary sewer system, which goes to wastewater treatment plants. Discharges to the MS4 do not get treated; they flow directly into area creeks, rivers and lakes. Sediment negatively impacts water quality by degrading the habitat of aquatic organisms and fish, impeding recreational opportunities, decreasing property value, and promoting the growth of weeds and algae. Sediment accumulation in ditches, streams, and lakes reduces their capacity, thereby increasing the chance of frequent flooding.* University City is working with MSD to comply with a series of Best Management Practices to and other regulations to decrease pollution from MS4.
- Green Business District Challenge: Working with the Loop Special Business District and Earthways Center (Jean Ponzi) to start a green business district in the Loop. This is another layer of the Green Business Challenge geared toward small businesses who can group together to accomplish green goals. Thus far the businesses include: COCA, Plowsharing, HSB, Three Dog Bakery, Sunshine Daydreams, Great Rivers Greenway, Subterranean Books, and Craft Alliance. Staff is supporting these efforts.
- Diversion of maintenance yard stormwater runoff from the River Des Peres to a combination sewer line is underway through a project replacing a pump in the transfer station.
- Staff will continue internal recycling education program to all City staff. The final goal is city-wide employee and facilities mandatory recycling administration regulation.
- Using funds awarded by the Economic Development Sales Tax, 5 bus shelters have been installed along Olive to promote increased alternative transportation use.
- 10 additional streetside trash/recycling containers have been purchased to add to the 13 already existing along Olive Boulevard.
- A conveyor for the cardboard compactor is being designed to alleviate the high volume of cardboard recycling that has occurred since the drop-off area was renovated. This is intended to relieve overflow and reduce labor needed to keep up with the load.
- Promoting and distributing PACE Program information to businesses and residents will begin soon.

RECYCLING ECONOMICS

FISCAL YEAR 2016 DATA

Total Tons of Trash and Recycling	16,500 tons
Landfill cost for 13,500 tons	\$512,000
Single Stream Recycling revenue for 3,000 tons	\$15,000
Landfill cost for 3,000 tons	\$114,000 (i.e. if 3,000 tons were NOT recycled and were landfilled instead)

RECYCLING SAVES MONEY AND GENERATES REVENUE



% Recycled	Tons Recycled	Recycling Revenue	Landfill	Landfill Cost	Additional Recycling Revenue + Landfill savings \$\$
18% (current)	3,000	\$15,000	13,500	\$513,000	baseline
25%	4,125	\$20,625	12,375	\$470,250	\$63,375
35%	5,775	\$28,875	10,725	\$407,550	\$134,325