

CITY OF MUSCATINE  
REGULAR CITY COUNCIL MINUTES  
Council Chambers – 7:00 p.m. – January 19, 2017

Mayor Broderson called the City Council meeting for Thursday, January 19, 2017, to order at 7:00 p.m. Councilmembers present were Rehwaldt, Fitzgerald, Natvig, Saucedo, Harvey, and Spread.

The meeting began with the Pledge of Allegiance.

#23703. Councilmember Harvey, seconded by Councilmember Spread, moved the Consent Agenda be approved as follows:

- Regular City Council Minutes – January 5, 2017
- In-Depth City Council Minutes – January 12, 2017
- Request on first and second reading for a Class “C” Native Wine Permit for Chicharo’s Mexican Grill, 600 Park Avenue – Chicharo’s LLC (pending inspections and insurance); renewal of a Class “B” Wine Permit, Class “C” Beer Permit and Sunday Sales for Hy-Vee Gas, 2600 – 2<sup>nd</sup> Avenue – Hy-Vee Inc. (pending inspections); renewal of a Special Class “C” Liquor License for Hy-Vee Clubroom, 2400 – 2<sup>nd</sup> Avenue – Hy-Vee Inc. (pending inspections); renewal of a Class “B” Wine Permit, Class “C” Beer Permit and Class “E” Liquor License for Fareway Stores, Inc. #998, 2100 Cedar Plaza Drive – Fareway Stores Inc. (pending inspections); renewal of a Class “C” Liquor License, Outdoor Service and Sunday Sales for Rose Bowl, 1411 Grandview Avenue – Rosebros LLC (pending inspections and insurance); and renewal of a Class “B” Native Wine Permit, Special Class “C” Liquor License and Sunday Sales for Sal Vitale’s Pizzeria & Pasta, 1010 Park Avenue – The Sicilian Pizza and Subs LLC (pending inspections and insurance)
- Proclamation Declaring January 2017 as “National Mentoring Month”
- Filing of Communications 12A-C
- Bills for Approval totaling \$1,550,862.53

Vote – All ayes; motion carried.

Mayor Broderson read the proclamation declaring January 2017 as “National Mentoring Month”. She then presented the proclamation to Lyndsey Phillips who is Director of Big Brothers/Big Sisters.

**PUBLIC HEARING**

Mayor Broderson stated this public hearing concerns the proposed Kent Stein to Deep Lakes Park Trail Project.

There were no oral or written petitions for or against the proposed project.

#23704. Councilmember Fitzgerald moved the public hearing be closed. Seconded by Councilmember Natvig. All ayes; motion carried.

#23705. Councilmember Fitzgerald moved the resolution be adopted approving the plans and specifications, form of contract, cost estimate and setting the bid opening date for the Kent Stein Park to Deep Lakes Park Trail Project. Seconded by Councilmember Saucedo. All ayes: Councilmembers Rehwaldt, Fitzgerald, Natvig, Saucedo, Harvey, and Spread. Motion carried.

#23706. Councilmember Natvig moved the resolution be adopted authorizing the assessment of unpaid abatement costs to private properties. Seconded by Councilmember Harvey.

There were comments and questions from City Council that were addressed by Community Development Director David Gobin.

Vote – All ayes: Councilmembers Rehwaldt, Fitzgerald, Natvig, Saucedo, Harvey, and Spread. Motion carried.

#23707. Councilmember Spread moved the resolution be adopted setting a public hearing on the proposed Mississippi Drive Corridor Project for Thursday, February 2, 2017, at 7:00 p.m. Seconded by Councilmember Harvey.

There were questions and comments from City Council that were addressed by City Administrator Gregg Mandsager.

Vote – All ayes: Councilmembers Rehwaldt, Fitzgerald, Natvig, Saucedo, Harvey, and Spread. Motion carried.

#23708. Councilmember Fitzgerald moved to approve the request from the Police Department to authorize the purchase of four Tahoe patrol vehicles from Krieger's in the amount of \$139,040. Seconded by Councilmember Natvig.

There were questions and comments from City Council that were addressed by City Administrator Mandsager.

Vote – All ayes; motion carried.

#23709. Councilmember Fitzgerald moved to approve the issuance of a purchase order to Superior Seawalls and Docks in the amount of \$75,180 and to Dock Boxes Unlimited in the amount of \$14,383.44 for the R.E.A.P. Grant Phase III – Long Dock Replacement Project. Seconded by Councilmember Harvey.

There were questions and comments from City Council that were addressed by Superintendent of Parks Nick Gow.

Vote – All ayes; motion carried.

#23710. Councilmember Spread moved to approve the agreement with Impact 7G for environmental inspections for the Beach Lumber and TeStrake properties. Seconded by Councilmember Harvey.

There were questions and comments from City Council that were addressed by Community Development Director Gobin and City Administrator Mandsager.

Vote – All ayes; motion carried.

The last item on the agenda was a power point presentation by Water Pollution Control Director Jon Koch on the High Strength Waste Project.

Mr. Koch stated that for the last four years he has been trying to have the name of the facility changed. He stated that during the course of the project, City Council and staff will be hearing MARRVE used a lot which means Muscatine Area Resource Recovery for Vehicles and Energy. He shared various pictures stating that each represented a wastewater plant. He stated the plant is shifting to resource recovery which he feels is why a name change for the plant is needed.

Mr. Koch stated that organics recovery is possible. He stated that 40% of the food produced is not eaten and that 20% of landfill waste is organic and can be recycled. He stated recovery of this waste would mean revenue and clean renewable energy.

Mr. Koch then turned the meeting over to Jay Brady from Stanley Consultants who was responsible for the Biogas Study.

Mr. Brady stated the study by Stanley Consultants began with an idea formulation. He stated that local organic wastes and anaerobic digestion could equal renewable fuel for vehicles. He then stated it was thought that the FOG program plus spare unused tanks plus lightly loaded digesters and continuously flaring unused digester gas could mean opportunity.

Mr. Brady stated the waste to fuel benefits could be as follows:

- Landfill diversion (up to 20%) saving expensive landfill space
- Lower air emissions
- Provide a needed service to the community/industry (good for industry and the environment)
- Long-term potential for recouping capital and developing a sustainable revenue source for wastewater

Mr. Brady then listed the waste types (feedstocks) as follows:

- FOG (Fats, Oils, Greases) from restaurants
- Liquid organic waste with high organic content often provided by food processors
- Solid organic waste such as packaged materials (bottled ketchup), past prime vegetables from grocers
- Cafeteria waste from schools

Mr. Brady then provided an overview of a pie chart analysis compiled by EcoEngineers, a sub consultant for Stanley Consultants. He explained the pie chart which was a Biogas Wasteshed Analysis for a 60-mile radius that showed the local feedstock potential. He then explained the next pie chart which was a Biogas Wasteshed Subset for a 60-mile radius.

Mr. Brady stated that with the various feedstock sources, the project could have an existing digestion capacity of 62,594 gallons per day. He then gave an overview of charts showing biogas production per cubic feet per day, biogas fuel (diesel gallon equivalent) per day, and biogas fuel (diesel gallon equivalent) per year.

Mr. Brady gave an overview of the overall long-term project. He stated construction of the receiving facility and feeding facility are included in Phase I. He stated there could be a need for expansion in the future if things really get going.

Mr. Brady stated gas that is produced could be used for direct fire furnaces (building heating), electric co-generation, BioCNG (Compressed Natural Gas) vehicle fueling, and direct injection into a natural gas pipeline. He stated that a screening analysis indicates that BioCNG is the most favorable alternative.

Mr. Brady then provided an overview of the project location and a description of the receiving building.

Mr. Brady stated the estimated project cost for Phase I Receiving/Feed Facilities is approximately \$2.5 to \$3 million and includes organic solid waste separation and odor control. He stated that Phase II Gas

Treatment and BioCNG Vehicle Fueling Facility will be approximately \$2.5 to \$3 million. He stated that fill rates, configuration and CNG storage capacity could alter the cost.

Mr. Brady then went over the projected operational costs. He stated that costs for Phase I Receiving are projected to be between \$60,000 to \$90,000. He stated that for Phase II BioCNG the project costs could be \$95,000 to \$120,000. He then went over the projected potential revenues which could come from waste tipping fees, fuel value, and renewable energy credits which he elaborated on. He stated there are grant funding opportunities to explore.

Mr. Brady then listed the risks of the project as follows:

- Lower organic waste volumes
- Lower fuel usage/sales
- Lower tipping fee rates (explained why they could be lower)
- Lower RIN (renewal energy credit) values or phase out
- Higher operating costs

Mr. Brady then went over the following timeline:

**Phase I:**

- Design/completion – February/March 2017
- Phase Permitting/Bidding – March April 2017
- Construction – May-December 2017
- Commissioning/Startup – January/February 2018

**Phase II:** (This could be pushed out based on decisions that need to be made.)

- Design – 2017
- Construction – 2018

At this time, there were questions and comments from City Council that were addressed by Water Pollution Control Director Koch.

Under comments, Councilmember Harvey stated the city's budget sessions will begin next Saturday and the public is invited to attend.

City Administrator Mandsager stated that the General Fund Overview will take place on Thursday, January 26, 2017, and the first budget meeting is Saturday, January 28, 2017, in the lower level conference room of City Hall beginning at 8:00 a.m.

Mayor Broderson asked that Councilmember Bynum be kept in everyone's prayers.

Mayor Broderson reminded everyone about Coffee with the Mayor on Saturday, January 21, 2016, at Happy Joe's on Lake Park Boulevard beginning at 9:00 a.m.

Mayor Broderson also sent prayers out to the Tony Steckman family.

#23711. Councilmember Harvey moved the meeting be adjourned at 8:30 p.m. Seconded by Councilmember Fitzgerald. All ayes; motion carried.

---

Diana Broderon, Mayor

ATTEST:

---

Gregg Mandsager, City Administrator