

**Wendy Briggs**

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**From:** Brian Day  
**Sent:** Wednesday, September 03, 2014 10:37 AM  
**To:** Mark Peterson  
**Subject:** Paradigm Docs  
**Attachments:** Waste Supply and Disposal Agreement.docx; 8-14-14 Host Agreement (Normal).docx

Attached are the Feedstock Agreement and the Host Agreement.

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Brian Day  
Corporation Counsel  
Town of Normal  
11 Uptown Circle  
Normal, IL 61761  
309-454-9505  
[bday@normal.org](mailto:bday@normal.org)

MINUTES OF THE REGULAR MEETING OF THE NORMAL TOWN COUNCIL HELD IN THE COUNCIL CHAMBERS, NORMAL CITY HALL, FOURTH FLOOR UPTOWN STATION, 11 UPTOWN CIRCLE, NORMAL, MCLEAN COUNTY, ILLINOIS – MONDAY, JULY 21, 2014.

1. CALL TO ORDER:

Mayor Koos called the regular meeting of the Normal Town Council to order at 7:02 pm, Monday, July 21, 2014.

2. ROLL CALL:

The Deputy Clerk called the roll with the following persons physically

PRESENT: Mayor Chris Koos and Councilmembers Sonja Reece, Jeff Fritzen, Kevin McCarthy, Scott Preston, and Cheryl Gaines. Also present were City Manager Mark Peterson, Deputy City Manager Pamela Reece, Corporation Counsel Brian Day, and Deputy Clerk Rachelle Leuty.

ABSENT: Councilmember Chuck Scott, and Town Clerk Wendy Briggs.

3. PLEDGE OF ALLEGIANCE:

Mayor Koos led the Pledge of Allegiance to the Flag.

4. OMNIBUS VOTE AGENDA:

Mayor Koos read aloud the items to be considered as part of the Omnibus Vote Agenda.

A. APPROVAL OF THE MINUTES OF THE REGULAR MEETING OF JULY 7, 2014: Omnibus Vote.

B. APPROVAL OF TOWN OF NORMAL EXPENDITURES FOR PAYMENT AS OF JULY 16, 2014: Omnibus Vote.

C. RESOLUTION WAIVING THE FORMAL BIDDING PROCESS AND AUTHORIZING AN AGREEMENT WITH H.E.S.S. CAULKING AND RESTORATION, INC. FOR THE APPLICATION OF WATERPROOF TRAFFIC COATING SYSTEM IN SELECTED AREAS OF THE UPTOWN STATION PARKING DECK IN AN AMOUNT NOT TO EXCEED \$95,000:

D. RESOLUTION ACCEPTING AUDIT REPORT #74 FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION PERTAINING TO THE RECEIPT AND DISBURSEMENT OF FUNDS FROM THE TOWN'S MOTOR FUEL TAX FUND FOR THE PERIOD OF JANUARY 1, 2012 THROUGH DECEMBER 31, 2012: Resolution No. 5016: Omnibus Vote.

E. RESOLUTION TO APPROPRIATE \$379,200 OF THE TOWN'S ALLOTMENT OF MOTOR FUEL TAX FUNDS FOR THE IMPROVEMENT OF RAAB ROAD FROM 3160' EAST OF AIRPORT ROAD (NCHS) TO 175' WEST OF TOWANDA BARNES ROAD AND APPROVE A BUDGET AMENDMENT TO

THE FY 2014-15 BUDGET IN THE AMOUNT OF \$71,000 FOR  
PRELIMINARY ENGINEERING COSTS: Resolution No. 5017: Omnibus Vote.

- F. RESOLUTION CONDITIONALLY AND PARTIALLY APPROVING THE  
FINAL PLAT OF WESTWING APARTMENTS 603 & 702 S. MAIN ST.  
SUBDIVISION BY EXPEDITED PROCESS (BUFFALO WILD WINGS):  
Resolution No. 5018: Omnibus Vote.
- G. ORDINANCE AMENDING THE FY 2013-14 OPERATING AND CAPITAL  
INVESTMENT BUDGET: Ordinance No. 5550: Omnibus Vote.
- H. ORDINANCE AMENDING THE TOWN ZONING CODE – MAIN STREET  
FORM BASED OVERLAY (PERMITTED USES IN MS1): Ordinance No. 5551:  
Omnibus Vote.

Councilmember Sonja Reece excused herself from voting on any bills submitted by Advocate BroMenn Medical Center and from any expenses she may have incurred while performing Council duties.

Mayor Koos excused himself from voting on any bills submitted by Vitesse Cycle Shop and from any expenses he may have incurred while performing Council duties.

Councilmember Jeff Fritzen excused himself from voting on any bills submitted by Bloomington Offset Process Inc. and from any expenses he may have incurred while performing Council duties.

Item C was removed from the Omnibus Vote Agenda to be considered under item 5.

MOTION:

Councilmember Fritzen moved, seconded by Councilmember McCarthy, the Council Approve the Omnibus Vote Agenda.

AYES: Reece, Fritzen, McCarthy, Preston, Gaines, Koos.

NAYS: None.

ABSENT: Scott.

Motion declared carried.

5. ITEM REMOVED FROM OMNIBUS VOTE AGENDA:

- C. RESOLUTION WAIVING THE FORMAL BIDDING PROCESS AND  
AUTHORIZING AN AGREEMENT WITH H.E.S.S. CAULKING AND  
RESTORATION, INC. FOR THE APPLICATION OF WATERPROOF TRAFFIC  
COATING SYSTEM IN SELECTED AREAS OF THE UPTOWN STATION  
PARKING DECK IN AN AMOUNT NOT TO EXCEED \$95,000: Resolution No.  
5019:

MOTION:

Councilmember Fritzen moved, seconded by Councilmember McCarthy, the Council Approve a Resolution Waiving the Formal Bidding Process and Authorizing an

Agreement with H.E.S.S. Caulking and Restoration, Inc. for the Application of Waterproof Traffic Coating System in Selected Areas of the Uptown Station Parking Deck in an Amount Not to Exceed \$95,000.

Councilmember Fritzen asked why the parking needs to be resealed considering it was just recently completed and wondered if this is the trend for the other garages. He also asked if the sealing was something that was neglected to be performed during the construction or is this normal maintenance for the structure.

Public Works Director Wayne Aldrich explained that it was an oversight and this time, he is also trying to ensure that the space over the retail space is properly sealed as it serves as the roof for the ISU Gallery. This deck especially will need to be inspected and possibly resealed yearly.

City Manager Mark Peterson also added that this will be an on-going maintenance issue for this deck and the other two decks.

AYES: Fritzen, McCarthy, Preston, Gaines, Reece, Koos.  
NAYS: None.  
ABSENT: Scott.  
Motion declared carried.

#### GENERAL ORDERS

6. ORDINANCE APPROVING A POLLUTION CONTROL FACILITY SITING PROCESS IN CONFORMANCE WITH THE ILLINOIS ENVIRONMENTAL PROTECTION ACT: Ordinance No. 5552:

##### MOTION:

Councilmember Reece moved, seconded by Councilmember McCarthy, the Council Approve an Ordinance Approving a Pollution Control Facility Siting Process in Conformance with the Illinois Environmental Protection Act.

Mayor Koos and Councilmember Fritzen clarified that the Council is approving only the process and not a site or a development agreement with an entity. Mayor Koos ensured that the process will also be very public and citizens will be able to voice their opinions.

City Manager Mark Peterson added that this Ordinance was prompted by conversations with representatives from Paradigm BioAviation, who were in attendance. With this Ordinance, this siting process can be utilized by any entity seeking to establish a pollution control site in the Town of Normal.

AYES: McCarthy, Preston, Gaines, Reece, Fritzen, Koos.  
NAYS: None.  
ABSENT: Scott.  
Motion declared carried.

7. ORDINANCE AMENDING SECTION 4.10 OF THE TOWN OF NORMAL MUNICIPAL CODE – LIMITED HOURS LIQUOR LICENSE: Ordinance No. 5553:

## MOTION:

Councilmember Preston moved, seconded by Councilmember McCarthy, the Council Approve an Ordinance Amending Section 4.10 of the Town of Normal Municipal Code – Limited Hours Liquor License.

Mayor Koos introduced Mr. Todd Rose, who was in attendance and ready to answer questions from the Council. Mr. Rose was one of many who requested for this new classification to be drafted.

Councilmember Fritzen expressed that this new license keeps in-line with the Town's history and culture and that he is delighted that the Town will get to experience something new while still preserving its conservative approach to alcohol service.

General Council discussion ensued.

AYES: Preston, Gaines, Reece, Fritzen, McCarthy, Koos.

NAYS: None.

ABSENT: Scott.

Motion declared carried.

## 8. NEW BUSINESS

There was no New Business.

## 9. CONCERNS

1. Councilmember Gaines thanked Mayor Koos and the Public Works Department for their assistance in setting up barricades and signage for the Hester/Payne Place block party. Mayor Koos encouraged neighborhoods to have more block parties.
2. Councilmember Reece commented on the popularity of Loungeabout the Roundabout event which is held weekly in Uptown Circle. She spoke with a couple who just moved to Normal and they could not say enough good things about this family-friendly event. She also commented on the surprising popularity and success of Medici's Beer and Jazz Fest on Saturday, July 19, 2014. She thanked Joe Tulley for his role in these events.

City Manager added that these events were free and that it's important for the Town to have events that won't be cost-prohibitive for families. Councilmember Reece said that though donations were encouraged benefiting the March of Dimes at the Jazz Fest, it was not mandatory and there was no entry fee.

3. Councilmember McCarthy echoed Councilmember Reece's sentiments on the Loungeabout the Roundabout and Beer and Jazz Fest events and thanked Joe Tulley for a wonderful job.

He also wanted to thank the Normal Police Department for their assistance during the Fourth of July Park to Park 5-mile race with a special thank you to Sgt. Hospelhorn for ensuring the safety of over 700 runners.

4. Councilmember Fritzen read that Normal possibly could be a site for medical marijuana production and he would like to go on record that he would not support this project if it ever comes to fruition. Though municipalities would have no jurisdiction over this matter per state statute, he wanted to make it known that he is not enthusiastic about this possibility. He cited many articles from the Mayo Clinic negating some uses of medical marijuana though he conceded that medical marijuana has been successful in treating certain symptoms in cancer patients. He doesn't believe that such a facility would do any favors for our workforce, not enhancing job skills only teaching employees to grow marijuana. Because his investigation showed no empirical data that medical marijuana is helpful to easing illnesses or symptoms of illnesses, Councilmember Fritzen will not support a dispensary or distribution site of medical marijuana in the Town of Normal.
5. Mayor Koos reminded the Council of the Mayor's reception on Thursday, July 24, 2014 at the Marriott to thank the Town's Boards and Commission members and to welcome Aldermen from other municipalities.

10. ADJOURNMENT:

There being no further business to come before the Council, Mayor Koos called for a Motion to Adjourn.

MOTION:

Councilmember Fritzen moved, seconded by Councilmember Gaines, the Regular Meeting of the Normal Town Council be Adjourned.

AYES: Gaines, Reece, Fritzen, McCarthy, Preston, Koos.

NAYS: None.

ABSENT: Scott.

Motion declared carried.

Mayor Koos adjourned the regular meeting of the Normal Town Council at 7:13 p.m., Monday, July 21, 2014.

## Wendy Briggs

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**From:** Chris Leese  
**Sent:** Monday, June 16, 2014 4:35 PM  
**To:** Sandy Fedden  
**Subject:** FW: Billing from Ancel Glink

I will process payment.

Christine (Chris) Leese  
Office Associate  
Corporation Counsel  
Town of Normal  
11 Uptown Circle P.O. Box 589  
Normal, IL 61761  
Telephone: (309) 454-9507  
Fax: (309) 454-9609

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**From:** Mahrt, Steven [<mailto:smahrt@ancelglink.com>]  
**Sent:** Monday, June 16, 2014 4:14 PM  
**To:** Chris Leese  
**Subject:** RE: Billing from Ancel Glink

Yes. That is Derke Price consulting with Mark.

### Steven Mahrt, Attorney at Law



207 West Jefferson, Suite 402  
Bloomington, IL 61701  
Telephone: 309.828.1990 Ext. 1996  
Fax: 309.828.1994  
[smahrt@ancelglink.com](mailto:smahrt@ancelglink.com)  
[www.ancelglink.com](http://www.ancelglink.com)

**From:** Chris Leese [<mailto:cleese@normal.org>]  
**Sent:** Monday, June 16, 2014 4:08 PM  
**To:** Mahrt, Steven  
**Subject:** Billing from Ancel Glink

\$375.00 for siting process re Paradigm. Mark P. says legal should pay. Go ahead and process?

Christine (Chris) Leese  
Office Associate  
Corporation Counsel  
Town of Normal  
11 Uptown Circle P.O. Box 589  
Normal, IL 61761  
Telephone: (309) 454-9507  
Fax: (309) 454-9609

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## Wendy Briggs

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**From:** Mark Peterson  
**Sent:** Thursday, July 31, 2014 5:12 PM  
**To:** Sally Heffernan  
**Subject:** FW: Letters of Support  
**Attachments:** img020.pdf; ATT00001.htm

Sally, Can you draft something for the Mayor to sign for these guys? Thanks, mp

*Mark R. Peterson*  
City Manager  
Town of Normal  
Normal, IL 61761  
(309) 454-9777  
[mpeterson@normal.org](mailto:mpeterson@normal.org)

*"Committed to Service Excellence"*



Please consider the environment before printing this e-mail

**From:** Mayor Chris Koos  
**Sent:** Thursday, July 31, 2014 5:00 PM  
**To:** Mark Peterson  
**Subject:** Fwd: Letters of Support

FYI

Begin forwarded message:

**From:** "Robert Fazzini" <[robert.fazzini@gmail.com](mailto:robert.fazzini@gmail.com)>  
**To:** "Mayor Chris Koos" <[ckoos@normal.org](mailto:ckoos@normal.org)>, "[jason@jasonbarickman.org](mailto:jason@jasonbarickman.org)" <[jason@jasonbarickman.org](mailto:jason@jasonbarickman.org)>, "[mbrown@ecologyactioncenter.org](mailto:mbrown@ecologyactioncenter.org)" <[mbrown@ecologyactioncenter.org](mailto:mbrown@ecologyactioncenter.org)>, "[kcobrien@illinois.edu](mailto:kcobrien@illinois.edu)" <[kcobrien@illinois.edu](mailto:kcobrien@illinois.edu)>, "Tari Renner" <[trenner@iwu.edu](mailto:trenner@iwu.edu)>  
**Ce:** "Alan S M Robinson" <[AlanR@paradigmbioaviation.com](mailto:AlanR@paradigmbioaviation.com)>  
**Subject:** Letters of Support

Paradigm BioAviation is progressing in its objective to invest \$120 million for plant and specialized gasification equipment in our community to turn municipal solid waste (garbage) into synthetic jet fuel. In dealing with our New York bankers evidence of local support has been requested. With that in mind we are contacting our four State Elected Officials, the Mayors of Bloomington and Normal, Governor Quinn, McLean County EDC, McLean County Ecology Action Center and the Illinois Sustainable Technology Center to provide Letters of Support for our project in the community.

The attachment provides many reasons to support the Paradigm BioAviation project. I would like the opportunity to visit with each of you to explain in more detail where we are with the project and request your help in providing a Letter of Support. Please provide some dates/times that I might visit with you, and I will make plans to do over coffee, lunch or in your office if that is more convenient. If you would like me to provide a draft Letter of Support for your

consideration, then I would do that prior to or after our visit.

Robert B. Fazzini  
Consultant for Paradigm BioAviation

Click  
here<<https://www.mailcontrol.com/sr/sJpeiE!EVfHWQxILzJ5p93nvzt77Dn2BzxkgLUZmgWiDQepRfZnvZQioRsJPRwZKvXJO3m9iODG2dVIKq6wl4Q==>>> to report this email as spam.



Paradigm Bio-Refinery

**Local reasons to support the PBA project:**

- 1. JOBS:** Will employ 150+ workers over two years to build a 250,000 square foot building and for the construction of the Integrated Bio-Refinery to install the significant amount of hi-tech equipment. Will employ up to 100 skilled and semi-skilled people when the plant is operational. Will attract spin off industries co-locating near the plant employing 400-500 workers and using recycled raw materials, green power, reclaimed water and clean heat all provided at low cost by Paradigm. Will create an additional 500+ indirect jobs from suppliers to the business and induced jobs created in the local economy to service all the new workers.
- 2. LANDFILL:** Will replace the McLean County landfill, which is anticipated to be at capacity in 2017, with a zero landfill over a twenty year period.
- 4. REPUTATION:** Will be the first such plant in the country that will be replicable, which will draw significant numbers of visitors to see the operation. Will significantly enhance the reputation of our community regarding our commitment in the field of sustainable alternative energy production.
- 5. CARBON EMISSIONS:** Will allow CIRA and the three nearby airports to provide Alternative (synthetic) Jet Fuel to commercial, corporate, military and private aircraft operators with associated Carbon-Emission reductions and financial incentives. Will permit the National Guard based in Peoria to meet its national objective of switching to Alternative Jet Fuels as mandated by the U.S. Military. Will



Paradigm Energy Services

*reduce road transportation of aviation fuels from Chicago and Indianapolis to the four regional airports by half*

6. **RESEARCH:** *Will provide up to 30,000 square feet of research facilities and class rooms for the University of Illinois, ISU and IWU for research, development and refinement of gasification and gas-to-liquid technology and associated doctrines.*

**National reasons to support the PBA project:**

1. Will support the U. S. Air Force and U. S. Navy mandates to adopt a 50% use Alternative jet fuel by 2016 and 2020 respectively.
2. Will reduce the U. S. dependency on foreign imported oil.
3. Will provide the commercial airline and corporate aircraft fleets with the affordable Alternative Jet Fuel they are seeking at a regional level rather than at just a selected few Hub airports and reverse the detrimental economic effect of "tankering-in" jet fuel to regional airports .

## Wendy Briggs

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**From:** Mark Peterson  
**Sent:** Friday, July 18, 2014 4:26 PM  
**To:** Sandy Fedden  
**Subject:** FW: Midwest Fiber Meeting

Sandy, Please contact Mr. Shumaker to set up a meeting. Thanks, mp

*Mark R. Peterson*  
City Manager  
Town of Normal  
Normal, IL 61761  
(309) 454-9777  
[mpeterson@normal.org](mailto:mpeterson@normal.org)

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**From:** Todd Shumaker [<mailto:tshumaker@midwest-fiber.com>]  
**Sent:** Friday, July 18, 2014 3:28 PM  
**To:** Mark Peterson  
**Subject:** Midwest Fiber Meeting

Afternoon Mark,

Hope all is well. I have intended to send this email for several months and never gotten to it. The recent article regarding Paradigm in The Pantagraph prompted me to write today request a meeting with you.

Could we get on your calendar in the next few weeks to discuss proposed waste-to-jet-fuel facility and the impact it could have on current recycling programs.

*Todd Shumaker*  
**Midwest  Fiber**  
RECYCLING

*Todd Shumaker*

Director of Sales and Procurement  
Office (309)452-0064 ext 100  
Mobile (309)452-0064 mobile  
[tshumaker@midwest-fiber.com](mailto:tshumaker@midwest-fiber.com)  
[www.midwest-fiber.com](http://www.midwest-fiber.com)



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## Wendy Briggs

---

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**To:** "Mayor Chris Koos" <[ckoos@normal.org](mailto:ckoos@normal.org)>, "[jason@jasonbarickman.org](mailto:jason@jasonbarickman.org)" <[jason@jasonbarickman.org](mailto:jason@jasonbarickman.org)>, "[mbrown@ecologyactioncenter.org](mailto:mbrown@ecologyactioncenter.org)" <[mbrown@ecologyactioncenter.org](mailto:mbrown@ecologyactioncenter.org)>, "[kcobrien@illinois.edu](mailto:kcobrien@illinois.edu)" <[kcobrien@illinois.edu](mailto:kcobrien@illinois.edu)>, "Tari Renner" <[trenner@jwu.edu](mailto:trenner@jwu.edu)>  
**Cc:** "Alan S M Robinson" <[AlanR@paradigmbioaviation.com](mailto:AlanR@paradigmbioaviation.com)>  
**Subject:** Letters of Support

Paradigm BioAviation is progressing in its objective to invest \$120 million for plant and specialized gasification equipment in our community to turn municipal solid waste (garbage) into synthetic jet fuel. In dealing with our New York bankers evidence of local support has been requested. With that in mind we are contacting our four State Elected Officials, the Mayors of Bloomington and Normal, Governor Quinn, McLean County EDC, McLean County Ecology Action Center and the Illinois Sustainable Technology Center to provide Letters of Support for our project in the community.

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Robert B. Fazzini  
Consultant for Paradigm BioAviation

Click  
here<<https://www.mailcontrol.com/sr/sJpeiE!EVfHWQxILzJ5p93nvzt77Dn2BzxkgLUZmgWiDQepRfZnvZQioRsjPRwZKvXJO3m9iODG2dVIKq6wl4Q==>> to report this email as spam.



Paradigm

**Local reasons to support the PBA project:**

- 1. JOBS:** Will employ 150+ workers over two years to build a 250,000 square foot building and for the construction of the Integrated Bio-Refinery to install the significant amount of hi-tech equipment. Will employ up to 100 skilled and semi-skilled people when the plant is operational. Will attract spin off industries co-locating near the plant employing 400-500 workers and using recycled raw materials, green power, reclaimed water and clean heat all provided at low cost by Paradigm. Will create an additional 500+ indirect jobs from suppliers to the business and induced jobs created in the local economy to service all the new workers.
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Paradigm Solutions

*reduce road transportation of aviation fuels from Chicago and Indianapolis to the four regional airports by half*

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3. Will provide the commercial airline and corporate aircraft fleets with the affordable Alternative Jet Fuel they are seeking at a regional level rather than at just a selected few Hub airports and reverse the detrimental economic effect of “tankering-in” jet fuel to regional airports .



Wendy Briggs

---

**From:** Brian Day  
**Sent:** Thursday, September 04, 2014 12:44 PM  
**To:** Mark Peterson  
**Subject:** Fwd: Paradigm


FYI. I don't know how this correlates w/ Fazzini's request for the Skype meeting.

Sent from my iPhone

Begin forwarded message:

**From:** George Mueller <[george@muelleranderson.com](mailto:george@muelleranderson.com)>  
**Date:** September 4, 2014 at 12:41:14 PM CDT  
**To:** Brian Day <[bday@normal.org](mailto:bday@normal.org)>  
**Cc:** Robert Fazzini <[robert.fazzini@gmail.com](mailto:robert.fazzini@gmail.com)>, Paradigm Bio Aviation  
<[alanr@paradigmbioaviation.com](mailto:alanr@paradigmbioaviation.com)>  
**Subject:** Paradigm

We have been through the draft host agreement and have a number of comments, questions and proposed changes. Most of the points are minor and ought to be quickly resolved. My experience is that the most efficient way to address the outstanding issues is to sit down face-to-face and go through them one by one. Can you and whoever else you would like to include from your side meet with Rob Fazzini and me next Tuesday Thursday or Friday afternoon? We are also hoping to have the draft supply agreement in hand by then as it is our intention to negotiate the two agreements simultaneously, as they are interdependent on each other. Thanks.

Sent from my iPad  
George Mueller  


To report this email as spam, forward it to [spam@websense.com](mailto:spam@websense.com).

## Wendy Briggs

---

**From:** Michael Brown <[mbrown@ecologyactioncenter.org](mailto:mbrown@ecologyactioncenter.org)>  
**Sent:** Thursday, February 13, 2014 9:43 AM  
**To:** Ken Springer; Tom Bierma; Jim Karch, PE CFM; Vasudha Pinnamaraju  
**Cc:** Wayne Aldrich  
**Subject:** Fwd: PHG Energy Information requested

Good morning,

I had an interesting conversation about biomass gasification to energy with Mike Pawlowski of PHG Energy

yesterday

, thanks to Wayne for referring him to me. See his email below as well as some links to learn more about what their company has done in other communities such as Covington, Tennessee with biomass gasification energy generation.

Mike lives near here in Fairbury; I discussed the possibility of setting up a meeting with a few people in from Bloomington-Normal to hear more about the possibilities from this technology. My goal is simply to expose

some key

people to this information in case there is some local potential and interest for such a facility. The benefits could be multiple--clean

and renewable

energy

from local waste biomass

, new jobs, etc.

Please note, this is unrelated to the Paradigm Bio-aviation project. But as this is a related technology, if Paradigm were to move forward with their plans for a municipal solid waste to energy facility, there is always a possibility that PHG could end up assisting in some way with that project.

Please let me know if you would be interested in attending a meeting with Mike to learn more, or if you know someone else who should attend.

Thanks,

Michael

Michael Brown  
Executive Director  
Ecology Action Center  
[mbrown@ecologyactioncenter.org](mailto:mbrown@ecologyactioncenter.org)  
[www.ecologyactioncenter.org](http://www.ecologyactioncenter.org)  
[309-454-3169](tel:309-454-3169) x.11

Michael,

We provide our clients with proven industrial grade technology to extract energy from waste products and other biomass (tree trimmings) ... and drastically reduce troublesome waste streams. The patented technology at PHG Energy revolutionizes the gasification process in which waste materials or renewable biomass are cleanly converted to a fuel similar to natural gas. The fuel can be used for thermal applications, kilns or boilers, or used to produce electricity.

Partnering with PHG Energy can help solve the mounting problem of municipal and industrial waste streams that will end up in local landfills and the costs associated with that process. My goal is to see how we can help you.

The following links will take you to recent media coverage of the PHG Energy gasification process for the city of Covington. Mayor David Gordon did his own research and then sought us out. He now is asking us to reach out to others and share the story:

[http://www.marketwatch.com/story/phg-energy-and-general-electric-provide-renewable-power-to-west-tennessee-city-2013-12-18?reflink=MW\\_news\\_stmp](http://www.marketwatch.com/story/phg-energy-and-general-electric-provide-renewable-power-to-west-tennessee-city-2013-12-18?reflink=MW_news_stmp)

and for the full case study for the city of Covington:

<http://www.phgenergy.com/case-study/covington-tenn>

Plus I wanted to share some trade coverage about PHG Energy. The attached link will take you to the on line version of the October issue of Biomass Magazine. Our Vice President Chris Koczaja on the cover, a four-page article inside (see p. 20) and our ad on the back, I hope you will enjoy hearing more about PHG Energy's gasification plant for the City of Covington, Tennessee.

[http://issuu.com/bbiinternational/docs/october\\_13-bmm-issuu](http://issuu.com/bbiinternational/docs/october_13-bmm-issuu)

Thank you for your time today. Please feel free to write/call with any comments or questions. We are interesting in helping you reduce waste streams and create energy.

I will follow up with you next week to check on future meeting potential.

Mike Pawlowski

PHG Energy

815.692.4220 office

[REDACTED] cell

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## Wendy Briggs

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**From:** Dennis Miller <DMiller@solenafuels.com>  
**Sent:** Thursday, December 06, 2012 3:35 PM  
**To:** 'mayor@cityblm.org'; 'citycouncil@cityblm.org'; Mayor Chris Koos; Adam Nielsen; Sonja Reece (earthlink.net); Kevin McCarthy  
**Subject:** GreenSky UK

Dear Bloomington-Normal Mayors and some Council Members:

I read with interest your decision to allow an alternative fuel company to produce jet fuel in Bloomington-Normal. I am not aware of the Paradigm BioAviation company and the information in the news release is somewhat sketchy. The article postulated that a plant will be built if the company can finance the proposed plant and offer a performance warranty. From what I read, I am somewhat skeptical that the company has the ability to meet such objectives. Since area seems interested in biofuels and renewable power, I thought I should give you some solid information about biofuels plants we are developing around the world, including three in the U.S.

The Solena Fuels Corp. is in the process of building a biofuels plant for British Airways (BA) in East London, UK. I have provided below a BA press release in regard to this facility. BA is so pleased with Solena Fuels' work, we have been asked to build three more plants for BA—one more in the UK and two in Spain. Similar plants are under development in Berlin for Lufthansa, in Stockholm for SAS, in Rome for Alitalia, in Indianapolis for US Airways and FedEx, and in Gilroy, CA for United and American Air.

This same model could easily be built in Bloomington-Normal area. In order to do this, we would need to find 25 acres to lease, easy access to power and water lines, and off-take agreements for the fuels and power, and an agreement for delivery of 1800 tons per day of RDF/biomass waste to the facility. The biomass can include the green portion of MSW, agricultural, wood, plastic, and some tire waste materials. Our typical biofuels plant like those being developed in London, Berlin, Stockholm, Rome, Gilroy, CA, and Indianapolis produce approximately 45 million gallons per year and are energy self-sustainable. You can obtain more information on our website: [www.solenafuels.com](http://www.solenafuels.com).

If your interest is only in renewable power production, we have a standard size renewable power plant that produces 40MW gross and 32MW net based on a feedstock supply of 500 tons of RDF per day. Our plants do not create any pollution, no Sox or particulate matter emissions, low GHG emissions, and the CO2 is carbon neutral. We will finance our plants through local financial institutions and give a full performance warranty. Usually the banks like to see about 30% equity investment. Our EPC is the Fluor Group, and other strategic partners include GE, Honeywell, UOP, and Velocys. This is just a brief introduction, but it may help solve your waste disposal problems by avoiding landfilling, eliminate methane emissions from your landfills, and produce useful biofuels and renewable power. All this is accomplished without creating any pollution or contamination of any sort, no toxic ash, low GHG emissions, and carbon neutral CO2.

Please let me know your questions.

Best regards,

Dennis F. Miller  
Director  
Solena Fuels Corporation  
1000 Potomac St. N.W., 301

The following is the recent press release of 30 Nov. 2012 from British Airways regarding the Solena biofuels project in East London, and a stock market report resulting from the press release.

The press release from British Airways was issued on 30 Nov. 2012. Since information of this type is not usually covered in the media, I thought you would like to see this update on the Solena Fuels project in East London to build a biofuels plant producing 45 million gallons per year, as well as renewable power net exported to the grid. This energy self-sufficient plant will produce no toxic ash, no Sox or particulate matter, very low GHG, and carbon neutral CO<sub>2</sub>. This is the same model that we would use in Indianapolis, except it would be a little larger in order to produce the required steam for the CG.

<http://www.greenaironline.com/news.php?viewStory=1627>

FYI

## GreenSky project provides boost for Oxford Catalysts Group

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30 November 2012 | 11:59am

**StockMarketWire.com** - Oxford Catalysts Group (OCG.L), the modular gas-to-liquids technology innovator, has reported several significant milestones announced by British Airways concerning the GreenSky London project being developed by Solena Fuels Corporation.

British Airways has confirmed that it has committed to purchase the sustainable jet fuel produced by the plant for ten years (at market rates) - worth £315m at current prices.#

In July 2012, Oxford Catalysts was selected by Solena to provide its Fischer-Tropsch (FT) technology to GreenSky London, Europe's first commercial scale sustainable jet fuel facility, being developed in partnership with British Airways.

GreenSky London is the first of several waste-biomass to jet fuel projects planned by Solena. Successful implementation of the GreenSky London project and receipt of the notice to proceed (targeted for next year) is expected to generate revenues for Oxford Catalysts in excess of \$30m during the construction phase, and additional ongoing revenues of more than \$50m over the first 15 years of the plant's operation.

Roy Lipski, CEO of Oxford Catalysts Group said: "Today's confirmation of British Airways' financial commitment to the project represents a major step forward for GreenSky London. We are very pleased to be part of this landmark facility and to contribute to British Airways' strategy for sustainable aviation, as well as Solena's worldwide project roll out plans."

At 11:59am: [LON:OCG] share price was +16.75p at 130.5p

Story provided by StockMarketWire.com

**Wendy Briggs**

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**From:** Robert Fazzini <robert.fazzini@gmail.com>  
**Sent:** Monday, August 18, 2014 10:06 AM  
**To:** Brian Day  
**Subject:** Host Agreement

Left you a message regarding status of Host Agreement with Paradigm BioAviation, but I left an incorrect telephone number. My cell number is ~~920-274-1111~~. Sorry about the mix up.

Robert B. Fazzini

Click [here](#) to report this email as spam.



## Wendy Briggs

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**From:** Mark Peterson  
**Sent:** Monday, July 21, 2014 3:51 PM  
**To:** Brian Day  
**Subject:** Host Agreement

Brian, I have asked Sandy to schedule a meeting very soon with you, Sally, Wayne A. and me to discuss the proposed Host Agreement with Paradigm BioAviation (PBA). It would be helpful if you could identify some initial issues / concerns with the proposed agreement for our discussion. We also need to discuss the role of Derke in this process. You may prefer to use someone else. That is fine with me. We will also need to identify some subject matter experts. Derke had suggested a guy named Devin Moose from Chicago I believe.

Thanks! Mp

PS. Our current tipping fee from Republic Disposal is \$46.46 per ton through Feb. of 2016. I will check with Wayne or Andrew to find out our actual annual cost using this rate.

Our current rate for electricity from Ameren for municipal facilities is \$.04077/kWh

*Mark R. Peterson*  
*City Manager*  
*Town of Normal*  
*Normal, IL 61761*  
*(309) 454-9777*  
[mpeterson@normal.org](mailto:mpeterson@normal.org)

*"Committed to Service Excellence"*



Please consider the environment before printing this e-mail

## Wendy Briggs

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**From:** Sally Heffernan  
**Sent:** Monday, August 04, 2014 2:22 PM  
**To:** robert.fazzini@gmail.com  
**Subject:** Letter of Support for Paradigm BioAviation

Rob,

I am writing a letter for Mayor Koos' signature in support of the Paradigm BioAviation project. Please forward the attachment previously sent to Mark Peterson entitled "Local reasons to support the PBA project." The attachment Mark sent was corrupted, and he will not be in the office this afternoon. Also, to whose attention should the letter be directed?

*Thank you,*

*Sally Heffernan*

Assistant City Manager  
Town of Normal  
11 Uptown Station  
Normal, Illinois 61761-0589  
309-454-9504 (office)  
309-838-5968 (mobile)

## Wendy Briggs

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**From:** Robert Fazzini <robert.fazzini@gmail.com>  
**Sent:** Thursday, July 31, 2014 4:42 PM  
**To:** Mayor Chris Koos; jason@jasonbarickman.org; mbrown@ecologyactioncenter.org; kcobrien@illinois.edu; Tari Renner  
**Cc:** Alan S M Robinson  
**Subject:** Letters of Support  
**Attachments:** img020.pdf

Paradigm BioAviation is progressing in its objective to invest \$120 million for plant and specialized gasification equipment in our community to turn municipal solid waste (garbage) into synthetic jet fuel. In dealing with our New York bankers evidence of local support has been requested. With that in mind we are contacting our four State Elected Officials, the Mayors of Bloomington and Normal, Governor Quinn, McLean County EDC, McLean County Ecology Action Center and the Illinois Sustainable Technology Center to provide Letters of Support for our project in the community.

The attachment provides many reasons to support the Paradigm BioAviation project. I would like the opportunity to visit with each of you to explain in more detail where we are with the project and request your help in providing a Letter of Support. Please provide some dates/times that I might visit with you, and I will make plans to do over coffee, lunch or in your office if that is more convenient. If you would like me to provide a draft Letter of Support for your consideration, then I would do that prior to or after our visit.

Robert B. Fazzini  
Consultant for Paradigm BioAviation

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***Local reasons to support the PBA project:***

- 1. JOBS:*** Will employ 150+ workers over two years to build a 250,000 square foot building and for the construction of the Integrated Bio-Refinery to install the significant amount of hi-tech equipment. Will employ up to 100 skilled and semi-skilled people when the plant is operational. Will attract spin off industries co-locating near the plant employing 400-500 workers and using recycled raw materials, green power, reclaimed water and clean heat all provided at low cost by Paradigm. Will create an additional 500+ indirect jobs from suppliers to the business and induced jobs created in the local economy to service all the new workers.
- 2. LANDFILL:*** Will replace the McLean County landfill, which is anticipated to be at capacity in 2017, with a zero landfill option. Will provide the City of Bloomington and Town of Normal lower cost tipping fees for a 20 year guaranteed time frame. Will allow for the daily disposal of household hazardous waste at a "public recycling & refuse center" versus the current plan of one day every other year.
- 3. GREEN:*** Will provide City of Bloomington and Town of Normal "green power" to run City and Town infrastructure over a twenty year period.
- 4. REPUTATION:*** Will be the first such plant in the country that will be replicable, which will draw significant numbers of visitors to see the operation. Will significantly enhance the reputation of our community regarding our commitment in the field of sustainable alternative energy production.
- 5. CARBON EMISSIONS:*** Will allow CIRA and the three nearby airports to provide Alternative (synthetic) Jet Fuel to commercial, corporate, military and private aircraft operators with associated Carbon-Emission reductions and financial incentives. Will permit the National Guard based in Peoria to meet its national objective of switching to Alternative Jet Fuels as mandated by the U.S. Military. Will



Paradigm Aviation

***reduce road transportation of aviation fuels from Chicago and Indianapolis to the four regional airports by half.***

- 6. RESEARCH: Will provide up to 30,000 square feet of research facilities and class rooms for the University of Illinois, ISU and IWU for research, development and refinement of gasification and gas-to-liquid technology and associated doctrines.***

**National reasons to support the PBA project:**

1. Will support the U. S. Air Force and U. S. Navy mandates to adopt a 50% use Alternative jet fuel by 2016 and 2020 respectively.
2. Will reduce the U. S. dependency on foreign imported oil.
3. Will provide the commercial airline and corporate aircraft fleets with the affordable Alternative Jet Fuel they are seeking at a regional level rather than at just a selected few Hub airports and reverse the detrimental economic effect of "tankering-in" jet fuel to regional airports .

## Wendy Briggs

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**From:** Robert Fazzini <robert.fazzini@gmail.com>  
**Sent:** Tuesday, June 03, 2014 10:23 AM  
**To:** Neil Seldman  
**Cc:** Alan S M Robinson; Mark Peterson  
**Subject:** Mark Peterson contact information

Mark Peterson is the City Manager of the Town of Normal, which is where we anticipate the Paradigm BioAviation plant will be located. We have been working with Mark Peterson and the Mayor of Normal as well as the City Manager and Mayor of Bloomington where there has been encouragement to proceed with our project. In fact, the Town of Normal is in process of presenting a Siting Ordinance to the Town Council for approval still this month, and we are already working with Mark and his attorneys on a Host Agreement.

As an aside, let me share with you the primary reasons that the Bloomington-Normal community was chosen to be the first site in the country for our unique Municipal Solid Waste (garbage) to synthetic jet fuel process:

1. The local land fill will be at its capacity within two years, which is the time frame in which we anticipate having the plant operational.
2. There are enough airports within 50-75 miles to accept our anticipated output of synthetic jet fuel.
3. The plant input of approximately 600 tons per day of Municipal Solid Waste is available from sources in McLean County where there is currently approximately 900 tons per day of Municipal Solid Waste.

Here is the contact information for Mark Peterson:

Email: [mpeterson@normal.org](mailto:mpeterson@normal.org)

Office: 309 454-9777 (Administrative Assistant is Sandy)

Cell: [REDACTED]

Neil, we look forward to seeing the final draft of your article after your conversation with Mark Peterson. I just left a voice mail for Mark regarding your call to him in the next day or two. I also sent him an email with some information and a copy of the draft article. It would be useful to know what the published distribution of the article will be if you could share that information with us. Thank you for sharing the information about the potential need for our project in Puerto Rico by giving us the contact information of your friend, Bill Holmberg at the American Council of Renewable Energy (202 777-7588).

Robert B. Fazzini

Click [here](#) to report this email as spam.

## Wendy Briggs

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**From:** Mark Peterson  
**Sent:** Sunday, July 20, 2014 6:47 AM  
**To:** Brian Day  
**Subject:** Meeting

Brian, I have a meeting with Alan Robinson and Rob Fazzini on Monday at 2:00 pm. They are with Paradigm BioAviation. If you are available, please plan to join us. Thanks, mp

Sent from my iPad

## Wendy Briggs

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**Subject:** Meeting Forward Notification: Alan Robinson - Paradigm - follow up to previous conversations

**Start:** Tue 11/12/2013 1:15 PM  
**End:** Tue 11/12/2013 1:45 PM  
**Show Time As:** Tentative

**Recurrence:** (none)

**Meeting Status:** Not yet responded

**Organizer:** Sandy Fedden

### Your meeting was forwarded

Sandy Fedden has forwarded your meeting request to additional recipients.

#### Meeting

Alan Robinson - Paradigm - follow up to previous conversations

#### Meeting Time

Tuesday, November 12, 2013 1:15 PM-1:45 PM.

#### Recipients

Mark Peterson

All times listed are in the following time zone: (GMT-05:00) Central Time (US & Canada)

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Sent by Microsoft Exchange Server 2007



## Wendy Briggs

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**Subject:** Meeting Forward Notification: Alan Robinson - Paradigm - reference his email of 2/15/14

**Start:** Mon 2/10/2014 2:00 PM  
**End:** Mon 2/10/2014 3:00 PM  
**Show Time As:** Tentative

**Recurrence:** (none)

**Meeting Status:** Not yet responded

**Organizer:** Sandy Fedden

### Your meeting was forwarded

Sandy Fedden has forwarded your meeting request to additional recipients.

#### Meeting

Alan Robinson - Paradigm - reference his email of 2/15/14

#### Meeting Time

Monday, February 10, 2014 2:00 PM-3:00 PM.

#### Recipients

Steven Mahrt

Sally Heffernan

All times listed are in the following time zone: (GMT-06:00) Central Time (US & Canada)

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Sent by Microsoft Exchange Server 2007

## Wendy Briggs

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**Subject:** Meeting Forward Notification: Alan Robinson (President & CEO, Paradigm BioAviation)  
**Start:** Thu 7/18/2013 4:00 PM  
**End:** Thu 7/18/2013 5:00 PM  
**Show Time As:** Tentative  
**Recurrence:** (none)  
**Meeting Status:** Not yet responded  
**Organizer:** Administration Conference Room 216

### Your meeting was forwarded

Administration Conference Room 216 has forwarded your meeting request to additional recipients.

#### Meeting

Alan Robinson (President & CEO, Paradigm BioAviation)

#### Meeting Time

Thursday, July 18, 2013 4:00 PM-5:00 PM.

#### Recipients

All Resources

All times listed are in the following time zone: (GMT-06:00) Central Time (US & Canada)

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Sent by Microsoft Exchange Server 2007

## Wendy Briggs

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**Subject:** Meeting Forward Notification: Discuss a Host Agreement with Paradigm BioAviation  
**Start:** Wed 7/23/2014 2:00 PM  
**End:** Wed 7/23/2014 3:30 PM  
**Show Time As:** Tentative  
**Recurrence:** (none)  
**Meeting Status:** Not yet responded  
**Organizer:** Sandy Fedden

### Your meeting was forwarded

Sandy Fedden has forwarded your meeting request to additional recipients.

#### Meeting

Discuss a Host Agreement with Paradigm BioAviation

#### Meeting Time

Wednesday, July 23, 2014 2:00 PM-3:30 PM.

#### Recipients

Wayne Aldrich

Brian Day

Administration Conference Room 216

All times listed are in the following time zone: (GMT-06:00) Central Time (US & Canada)

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Sent by Microsoft Exchange Server 2007

## Wendy Briggs

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**Subject:** Meeting Forward Notification: Discuss a Host Agreement with Paradigm BioAviation

**Start:** Wed 7/23/2014 2:00 PM  
**End:** Wed 7/23/2014 3:30 PM  
**Show Time As:** Tentative

**Recurrence:** (none)

**Meeting Status:** Not yet responded

**Organizer:** Administration Conference Room 216

### Your meeting was forwarded

Administration Conference Room 216 has forwarded your meeting request to additional recipients.

#### Meeting

Discuss a Host Agreement with Paradigm BioAviation

#### Meeting Time

Wednesday, July 23, 2014 2:00 PM-3:30 PM.

#### Recipients

[All Resources](#)

All times listed are in the following time zone: (GMT-06:00) Central Time (US & Canada)

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Sent by Microsoft Exchange Server 2007

## Wendy Briggs

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**From:** George Mueller <george@muelleranderson.com>  
**Sent:** Friday, September 05, 2014 10:53 AM  
**To:** Brian Day  
**Cc:** Robert Fazzini; Paradigm Bio Aviation  
**Subject:** '8-14-14 Host Agreement with GM comments'  
**Attachments:** 8-14-14 Host Agreement with GM comments.docx; ATT00001.txt

Per your request, attached is your draft of the host agreement with my comments in the margins. You must open the file in Microsoft Word in order to see the comments. Since you are leaving on the 10th for the remainder of the week, is it possible for Rob and I to get together with you and Mark on Tuesday afternoon? My only constraint is I have to leave by 3:30 for a 6 PM hearing in Plano.

To report this email as spam, forward it to [spam@websense.com](mailto:spam@websense.com).

## Mercy Davison

---

**From:** Mercy Davison  
**Sent:** Monday, June 09, 2014 1:07 PM  
**To:** Development Committee; Wayne Karplus  
**Subject:** Dvmt Comm agenda

Loads to discuss ...

- ~~1.~~ Grossinger update
- ~~2.~~ Blackstone amended preliminary plan (northeast corner of Hershey and Shepard)
- ~~3.~~ Vineyards fees (Bill Brady has called about final platting the lot south of Shepard – that's the one entitled to either R-3A or B-1 zoning)
- ~~4.~~ Expedited subdivision process for the Buffalo Wild Wings project – It requires a few waivers + fee memo
- ~~5.~~ Jersey parking
- ~~6.~~ Paradigm update
- ~~7.~~ Evergreen Villas PUD sidewalk update
- ~~8.~~ Annexation of Towanda
- ~~9.~~ Wildwood fee memo update (need to get numbers to Bill Johnston) and any other issues
- ~~10.~~ Reichl RCOE

Thanks!

*11. Ertown conversation*

Mercy Davison  
Town Planner  
100 E. Phoenix Ave.  
Normal, IL 61761  
(309) 454-9590

Learn more about the Planning Department at <http://www.normal.org/index.aspx?nid=161>



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