AGENDA FOR THE ADVISORY COMMITTEE ON ENVIRONMENTAL SUSTAINABILITY MEETING AND GREEN TEAM MEETING

Tuesday, July 24, 2018 - 7:30 pm – Community Center

Members present: Ron Bjorkland, John Lippert, Jane Young, Matt Dirksen, Eva Fallon, Michael Hartman, and Steve Skolnik.

Excused absences: Luisa Robles (staff); Colin Byrd (council liaison);

Visitors: Paul T. Leisnham and grad student Caitlin, Kathy Bartolomeo, Bill Orleans, unidentified woman

**Call to order: 7:35 PM**

1. Guest speaker on mosquitos: Paul T. Leisnham, Associate Professor, UMD, Dep. of Environmental Science and Technology, 1459 An. Sci./Ag. Eng. Bldg., College Park, Maryland 20742. [leisnham@umd.edu](mailto:leisnham@umd.edu)

Starting this week, Paul and colleague are using a professional trap and attractant at 16 sites in Old Greenbelt. All locations are on private property: GHI, Boxwood, Lakeside, and nursery school.

They are targeting Asian tiger mosquitos (ATM), attracted by visual clues and scent, and are testing a fragrance developed by BARC to mimic CO2. The scent volatilizes in 3 months. They are counting mosquitos trapped 6 days in a row.

Paul noted a 2008 comprehensive study completed by USDA and Rutgers. The most effective mosquito control was found to be community education, i.e. emptying water containers and using Larvicide.

Yards can be hot spots; education works. Partner with mosquito control agencies.

Studies have trapped mosquitos on an hourly basis and found ATM were active 24 hours a day.

Permethrins spayed to control ATM degrade within 72 hours and only provide temporary relief; ATM populations increase again after a couple of weeks.

1. Update on mosquito traps. Eva Fallon: used 3 different types of traps in 3 locations around Greenbelt. It is far more work to get accurate data than expected. Lure scent must be replenished every two weeks. Eva didn’t notice an improvement for at least a month. None of the traps seemed any better or worse than the others. Paul asked if she noticed other bugs being trapped; not significantly, Eva replied, just a moth or two.
2. Support for CHEARS - Maggie’s grant? Will be discussed at next month’s meeting.
3. Updates from Sustainability Framework / Green Team Circles.

3.1 Energy / Solar. – SHL Recreation Center solar system has been installed but is not yet operational because of an inspection issue; Aug 13th is the first reading, Sept 10th is the second reading of “A Resolution to Negotiate the Installation of Solar Photovoltaic Energy System to Offset Municipal Electricity Consumption to EDF Renewables Distributed Solutions of Columbia, Maryland (Solar Farm).” This proposed solar system would consist of a 2+ MW photovoltaic array built outside of Greenbelt but connected to the PEPCO grid and would offset 80% to 90% of the city’s electricity consumption. If approved, the city would pay nothing (it would not own the system) but would commit to buying the system’s electrical output over a 15-year period by signing a power purchase agreement.

3.2 Food Systems / Sustainable Landcare. –

3.3 Green Building. - GHI project

Coop needs a new roof and doesn’t have the money

3.4 Land Use / Planning / Pathways of Sustainability. -

3.5 Transportation. – EV charger installs; no progress on having other EV chargers installed because EV Institute staff is backed up.

3.6 Time Bank / Local Economies. –

3.7 Waste Management / Zero Waste - Recyclable containers (plastic) are needed for the New Deal Café vermicomposting project

3.8 Water / Stream / Stormwater Restoration. –

1. Upcoming events:

\*Saturday, July 28, (9:00 am to 12:00 noon), Electronics Recycling at Public Works.

1. For future agendas:

a) MSEC goal of reducing fuel usage. City of Hyattsville example of Police EV and inverters in the trunk so their computers can remain on and the vehicle turned off (no idling).

b) Green Streets/Complete Streets City of Greenbelt Policy

**Adjournment: 9:05 PM**