

## Westwood Environmental Advisory Committee

Monday April 19, 2010

Approved Minutes

Attending: Chris Balfe, Pierre Biscaye, Christine Blaney, Gregory Mountain, Yash Risbud, Michael Ruane, Cindy Waneck  
Absent: Skylar DeHaan, Lukas Bernhardt

Waneck called mtg to order at 7:35pm

Minutes of previous mtg approved + seconded

Waneck called for nominations for Chair

Balfe nominated Michael Ruane; Risbud seconded  
by show of hands Ruane was elected unanimously  
Mountain agreed to continue as Recording Secretary

Westwood Pride Day

Sun May 23 10-5pm Veterans' Park (Gazebo area)

EnCom presence discussed

Ruane to provide table + tent; will bring pictures to next meeting

Blaney suggested

handouts from DEP re:

local wildlife

facts about local water quality

more?

sign-up pledge

best practices for eco-friendly activity at local level

will adapt from one used in Woodbridge, NJ

would entitle pledgee to a 'giveaway' e.g. the following:

giveaways

re-useable grocery bags with EnCom logo

jar openers made of recycled tire rubber

will circulate additional info on each of above

Blaney has seen effective watershed model at similar community fairs

actual table-top, physical replica of streams + groundwater

associate of hers will provide one for our use on Pride Day

Stream cleanup

Mayor Birkner stopped in to say hello; mentioned citizen interest in stream cleanup

EnCom discussed how to conduct

past groups = Boy Scouts, county prisoners

trash along banks relatively safe, easy to collect; large items in stream less so

without resolution, possible incentives (vol/weight of recv'd trash) discussed

school vs school competition

raffles for goods/services at local businesses  
'adopt a stream'?

#### Boro Energy Audit

Waneck had distributed Apr 2 draft report to EnCom in previous week  
contracted to CDM (Camp, Dresser, McKee, Inc.) to:

- assess electrical use in Boro Hall, Library, Firehouse, DPW Main + Garage  
wrt lighting, in-place equipment, HVAC, other
- measure present use/costs (lights + HVAC = 50% all elect use)
- recommend cost saving measures
- evaluate pro/con of installing solar, wind geothermal energy capture

recommendations

electrical use

- install motion-detect lighting + replace bulbs with hi-efficiency type  
cost = \$161 K, payback 6-11 yrs

- upgrade boilers, improve HVAC zoning + remove window AC units  
cost = \$136 K, payback 9-17 yrs

- install digital bldg mgmt controls

solar

- requires roofs with minimal shading, proper orientation wrt sun
- possible installations = DPW main, Boro Hall, Library  
cost = \$1.6 M, 14-18 yr payback

wind

- DPW area is ideal location

  - cost = \$68 K, 19 yr payback

  - wide range of uncertain winds could ~dbl payback time

  - further site evaluation possible w/ loan of anemometer

geothermal heat pumps not economical

draft report to be presented to Town Council on May 4; final report due 4 wks later

#### Energy-efficient town lighting

Ruane summarized recent replacements in Westwood

- mercury vapor bulbs (blue tinge light) are ~efficient but they dim w/ time
- inductive fluorescent mercury bulbs (bluish)

  - more efficient, last longer

- 436 mercury vapor lamps replaced w/ inductive fluorescent lamps thus far  
more as replacements become needed

  - paid in part with Federal stimulus funds

  - replacements have better hoods than former; less upward light leakage

LED lights

- used in traffic lights (red + green)

- give off so little heat that they can become covered with snow

next mtg set for May 17

mtg adjourned at 8:40pm