

Westwood Environmental Advisory Committee

Monday October 25, 2010
Approved Minutes



Attending: Christine Blaney, Gregory Mountain (*Sec'ty*),
Yash Risbud, Michael Ruane (*Chair*), Cindy
Waneck

Ruane called mtg to order at 7:35pm

Minutes of previous mtg approved + seconded

Turbine project (Risbud)

at request of EnCom (Sept 27), Risbud provided written rpt
history of project

- ('08) responding to Boro's interest in energy alternatives, Risbud contacted Mayor (Feb '09) many topics examined; turbine in brook near DPW highest priority
- (Aug '09) Risbud told Mayor Cooper Union design c/b tested with modest funds
- (Aug '10) Hoffman advised request to Boro could provide funds for materials

present status

- Cooper Union engineers, students, supported by CV Starr Fndtn (Risbud, Director) 'virtual' design now ready for testing

request to Town Council

- electrical + mechanical items must be purchased

- turbine, propeller guard, controller, battery, diverter, regulator, cables
 - approx. \$2,000

- all items purchased in test phase would be usable for permanent installation

- test installation probably Spring '10 to evaluate

- power generation stats

- maintenance/support cost projections

- cost/benefit analysis

- after sufficient testing, remove for refining design for permanent installation

added benefits

- low-cost evaluation for Boro due to Cooper Union's donated design, testing, labor implementation could increase Boro's Sustainable Jersey score
- success and visibility would be model for other towns to follow
- develop academic partners with wide range of expertise to engage in the future

discussion

- Blaney advised permitting might be required

- Land Use (we can prepare .. <http://www.nj.gov/dep/landuse/forms/index.html>)

- Fish + Wildlife (Blaney will try to determine who m/b contacted, what m/b done)

- Ruane asked where power for test phase monitoring would come from

- Risbud said USGS gauging station at test site might be possible; will investigate

- Mountain asked about details of physical siting, anchoring

- Risbud said to be refined further but resting on moveable concrete fndtn possible
 - distance from upper lip of existing concrete dam to be determined

- photographs of site, sketch of turbine installation w/b helpful

action

those present unanimously endorsed plan + its \$2,000 request to Town Council

Oil Reclamation Program (Blaney)

widespread agreement of need for different, more catchy name

is activity of Boro's collecting used cooking oil from local restaurants

increased visibility needed to increase local participation

logo could help

post in local establishments that participate

place in local newspapers along with descriptive article

Blaney provided 7 trial logos for comment

those present preferred some 'blend' of numbers 5 and 6

refined logos based on EnCom preferences will be developed

Assoc. of NJ Environmental Commissions (Ruane)

Ruane attended 37th Ann. Cong. 10/15/2010 in Lincroft, NJ

he passed to EnCom suggestions for community involvement, activity

community gardens (EnCom agreed + decided to discuss in Spring)

thermal imaging audit

very successful where done elsewhere in NJ

e.g. at resident's request, Fire Dept takes IR photo images of house, in+out

non-binding energy 'audit' of heat leaks provided to resident

Old / New Business

Mountain reported partial success arranging mtg w/ High School science dept.

Murray Perl is contact, expressed interest, date of meeting tbd

Waneck suggested Frank Connally additional possible contact

Waneck reported Westwood met terms for Bronze certification by SustainableJersey

Blaney expressed desire to examine pros/cons of advocating a local Farmers' Market

Next mtg: Nov 29

Mtg adjourned 8:45pm