



Town of Nederland, Colorado Sustainability Advisory Board Meeting Minutes

Meeting Date: **October 12, 2009** 6:00pm

Meeting Place: **Mo Fauvel's Home**

Sustainability Advisory Board Members:

Present	Name	Term Expiration	e-mail:
Yes	Joe Gierlach	June 1, 2012, Chairman	jgierlach@town.nederland.co.us
Yes	Kirk Barnett	June 1, 2011, Town Trustee	kirkb@appliedtechcolorado.com
Yes	Greg Ching	June 1, 2011, At Large	gregmching@gmail.com
Yes	Mo Fauvel	June 1, 2012, At Large	mosusan@earthlink.net
	Jason Gerhardt	June 1, 2012, At Large	jasongerhardt@gmail.com
	Kevin Mueller	June 1, 2013, At Large	kmueller@emcengineers.com
	Greg Wilson	June 1, 2013, At Large	greg@acmewebservices.com

Also in attendance:

Yes	Pam Ward	NedREP Board	pamward2@gmail.com
Yes	Tim Murphy	Chinook Wind Energy	TMurphy@ChinookWindEnergy.com

Meeting Began at 6:00pm.

Carousel of Happiness (NedREP):

Discussion of either solar panels or LED lighting at the Carousel. Possibly Caribou Shopping Center will have Lighthouse Solar install PV panels on the center and donate panels to the Carousel project. NedREP can help facilitate. Pam Ward will contact Will Gercio to see what the plan is.

Paypal Donations (NedREP):

Greg Ching will set up NedREP site with a donation button for all to use.

CSU Turbine:

Discussion of a possible installation on the NE corner of the reservoir area.

Wind Energy:

The Board of Trustees approved the installation of a temporary, tower-mounted wind anemometer at the sewer treatment property. The anemometer, which will be on loan from the Governor's Energy Office for one year, will measure wind speed and direction at a height of 20 meters. The goal is to understand the characteristics of wind in Nederland to help determine if wind power generation is feasible in the area.

Tim Murphy of Chinook Wind Energy is in the R & D phase working with a company called WePower who manufacture vertical access wind turbines. Discussion followed. It was suggested that the Town of Nederland change the allowable height of turbines up to 35 or 40 feet. Current height is set at 25 feet.

The town staff will review the current code to explore opportunities for revisions.

Wind Energy:

Discussion of Ron Slinger's company which provides small vertical access turbines producing 150 watts costing \$150.00 each.

EV Charging Stations:

Greg Ching suggested a possible project for electric vehicle charging stations to be placed strategically around town.

Hydro-Electric:

Joe Gierlach spoke about a future dam site above Arapahoe Ranch to utilize water for the town. A dam in such a location could possibly be used for electric generation.

He also mentioned CU interns are available for projects.

Biomass Project:

The town will sell the parts to Boulder County for \$75,000 as the cost of running the plant would be out of budget.

Wastewater Treatment Plant:

The SAB should review final draft of the Town's Owner's Requirements for the building at the next meeting and make recommendations to the town so that they can be finalized for the engineers on Nov 16.

Next meeting:

Thursday, November 12th, 6:00pm tentatively at Brock Brocklehurst's home.
1120 Eldorado Avenue; Eldora, CO
(303) 258-3449