

City of Newport Beach

Coastal/Bay Water Quality Citizens Advisory Committee Minutes

Date: August 9, 2012
Time: 3:00 p.m.
Location: Fire Conference Room

1. Welcome/Self Introductions

Committee Members present:

Chairwoman/Mayor Nancy Gardner
Randy Seton
Dennis Baker
Roberta Jorgensen

Guests present:

Jack Skinner, SPON
Eric Anderson, Valley Soil
Erin Stetson, Valley Soil
Dan Purcell, resident
Jim Mosher, resident

Staff present:

John Kappeler, Water Quality Manager
Shane Burckle, Water Conservation Coordinator
Iris Lee, Senior Civil Engineer
Jenny Sudo, City Manager's Office

2. Approval of Previous Meeting's Minutes

The minutes from the July 12, 2012, meeting were approved.

3. Old Business

(a) Bay and Ocean Bacteriological Test Results

John Kappeler reviewed recent water quality test results within Newport Bay and along the ocean shoreline.

- Two new CDS units will be installed north of the bioswale and that combined with Costa Mesa's screens should lower the number of hits next year.

4. New Business

(a) Erin Stetson and Eric Anderson, from Valley Soil presented an update on the City of Newport Beach's runoff Reduction Program. (See attached PowerPoint Presentation.)

- After audit, weather-based controllers are installed and adjusted daily for weather conditions.
- Customers are shown how to adjust, monitor, trouble shoot and use the controllers.
- Follow up is a very important component of the program to make certain the controller is functioning properly and that the homeowner or gardener hasn't made any changes.
- Gardener's Workshops are an opportunity for customers to meet the manufacturer and be educated about water conservation and runoff reduction.
- 665 homes have been audited to date and 502 installations have been completed to date.
- 1,500 Weather Based Irrigation Controllers are forecast to be installed by June 2013 with a predicted savings of 14,500,000 gallons of water.

- **Shane Burckle** pointed out that 67% of water used is outside and upwards of 33% is runoff. He just secured \$75K in rebate monies from MWDOC to retrofit nozzles on the controller systems with those that put out a better spray pattern. These new nozzles will save you 30% on water without having to adjust the controllers.
- Spyglass Hill, Jasmine Creek, Jasmine Park, Cameo Shores and Cameo Highlands have all requested audits and many other associations are expressing interest in the program.
- Current controller system offers 4 models, none of which have a subscription fee.
- **Shane Burckle** stated that the drip irrigation systems are gaining in popularity and many properties have removed turf and put in shrubs and the drip irrigation. He also mentioned that Public Works just approved Council Policy L-6 allowing the use of artificial turf (with proper permits) and/or low growth plant material safely in the parkways. He has been getting calls from Oregon and Washington State as well as UC Davis asking for information on our program because they've heard about it and the success of our environmental projects as well as our runoff solutions.

(b) **Iris Lee**, from the Public Works Department gave an update on the City of Newport Beach's Energy Conservation Program. (See attached PowerPoint Presentation).

- Our partners in the Orange County Cities Energy Leadership Partnership are the cities of Fountain Valley, Westminster, Costa Mesa and Huntington Beach and Southern California Edison and Southern California Gas companies.
- There are tiered levels of support and the more a municipality saves, the higher level of "support" we receive. By "support" we are actually referring to money saved.
- At our current "Value" entry level we get an 11-cent kWh savings. As we save 5%, we move up a level and will get higher savings.
- Baseline consumption for Municipal Facilities – 12,046,068 kWh
- Baseline consumption for Community Facilities – 945,206,627 kWh
- Savings required for Silver level: 211,333 kWh in Municipal Facilities
- Public Works is participating in a pilot "Plug-Load Sensor" program. The sensor is basically a motion sensor monitor that you plug in and when it senses you are not there it turns the monitor to stand-by mode to conserve energy.
- Our streetlight replacement projects convert incandescent bulbs to LED bulbs.
- Utilities division is working with SCE to schedule pumps to run during "off peak" hours.
- **Dennis Baker** asked what percentage of the streetlights in the City were owned by the City and was told approximately 95% were owned and/or maintained by the City.
- **Dennis Baker** asked if the City had plans to approach private office building owners to educate them about energy saving opportunities.
- **Jim Mosher** asked if there were any areas of the City that might not need streetlights and was told many times the City has powered off every-other light to conserve energy yet provide safe lighting.

ACTION: Nancy Gardner wants to promote a "Green Button" on the City's website so residents can report energy and water conservation violations.

5. Public Comments on Non-Agenda Items

- Next Tidelands Management Committee meeting on Wednesday, August 15th will be the committee's last look at the Tidelands Capital Improvement Projects.
- **Dan Purcell** questioned what energy conservation measures were taking place with the City vehicles fleets and the vehicles of subcontractors.
- **IRWD** asked to speak at the next meeting regarding their new EIR

6. Topics for Future Agendas

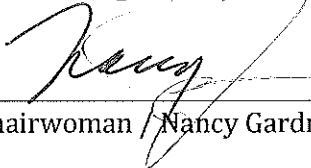
- (a) Bacteriological Dry-Weather Runoff Gutter Study (Phase III)
- (b) Prop 84 ASBS Grant Program
- (c) Big Canyon Project
- (d) Rhine Channel Project Wrap Up
- (e) Balboa Island Seawall Update
- (f) Runoff Reduction Program – ET Controller Project Update
- (g) Senate Bill – SB 1447
- (h) IRWD report on NTS Systems

Set Next Meeting Date

The next meeting date was set for September 13, 2012, at 3 PM in the Fire Conference Room.

7. Adjournment

The meeting was adjourned at 4:45 pm.



Chairwoman / Nancy Gardner