



**ENVIRONMENTAL QUALITY ADVISORY BOARD
CITY OF SCOTTSDALE
GRANITE REEF SENIOR CENTER - ROOM 11
1700 N. GRANITE REEF ROAD
SCOTTSDALE, ARIZONA
WEDNESDAY, AUGUST 20, 2008**

SUMMARIZED REGULAR MEETING MINUTES

- PRESENT:** Brian Munson, Chair
Michele Cohen, Vice Chair (telephonic)
Ron Hand, Board Member
Jimmy Leung, Board Member
James McCay, Board Member
- ABSENT:** Bill Gill, Board Member (absence excused)
James Mulloy, Board Member
- STAFF:** Larry Person, Environmental Coordinator
Chuck Skidmore, Energy Management Engineer
Anthony Floyd, Green Building Manager
Joey Miller, OEI
Andrew Kocsisky, OEI
Dennis Enriquez, Planning and Development Services
Vic Valliere, OEI Acting Director
- GUESTS:** Nancy Basinger
Dave McDonald

1). **Call to Order and Roll Call**

Chair Munson called the meeting to order at 5:38 p.m. A formal roll call confirmed members present as stated above, noting the presence of a quorum.

2). **Public Comment**

Mr. McDonald advocated that the City should conduct a pilot study to determine how to prepare for a new generation of electric plug-in vehicles that are expected in 2010. In 15 years, a good portion of the City's fleet could consist of plug-in electrics. The study could answer questions such as the number of vehicles the City could recharge without

having to increase the generating power, and whether differential pricing is practical for public plug-in facilities.

When traffic modeling is done for intersections, considerations should be given to the fleet mix in use. While waiting at intersections, electric vehicles do not run, burn fuel, or emit pollution. The public could be educated about the potential benefits that would come from a change in the fleet mix. The City should consider joining Plug-In Partners or Plug-In America. These measures would be a good way to place Scottsdale ahead on the green curve.

3). **Approval of Minutes**

- May 21, 2008 Regular Meeting

Mr. Person noted that some minor corrections had previously been submitted.

BOARD MEMBER MCCAY MOVED TO APPROVE THE MINUTES OF THE MAY 21, 2008 REGULAR MEETING AS AMENDED. BOARD MEMBER LEUNG SECONDED. THE MOTION CARRIED UNANIMOUSLY BY A VOTE OF FIVE (5) TO ZERO (0).

- July 16, 2008 Regular Meeting

In response to Board Member McCay, Mr. Person explained that actions are taken by EQAB as a whole. Individual comments are not acted upon unless the Board formally votes to do so.

BOARD MEMBER HAND MOVED TO APPROVE THE MINUTES OF THE JULY 21, 2008 REGULAR MEETING AS PRESENTED. BOARD MEMBER MCCAY SECONDED. THE MOTION CARRIED UNANIMOUSLY BY A VOTE OF FIVE (5) TO ZERO (0).

4). **Announce Chair Appointments to Community Area Plan Advisory Groups**

Chair Munson noted that Board Member Leung was appointed to the North Group, and Board Member Gill to the South group.

5). **Discussion and Possible Vote to send a List of Criteria, and Recommendation to Council on the Dan Basinger Environmental Leadership Award**

Mr. Person presented the Board with a resolution and cover letter for the proposed Dan Basinger Award. These documents would accompany the previously discussed concept and criteria paper. Chair Munson felt EQAB should approve the documents, but suggested that a Board Member be present at the Council meeting in order to explain it.

Mr. Person noted that no recipients are being recommended at this time, but the next time it is presented, it would bear his name. Board Member McCay read the resolution aloud for Vice Chair Cohen's benefit.

VICE CHAIR COHEN MOVED TO ADOPT THE RESOLUTION AND COVER LETTER AS PRESENTED. BOARD MEMBER MCCAY SECONDED. THE MOTION CARRIED UNANIMOUSLY BY A VOTE OF FIVE (5) TO ZERO (0).

6). **Discussion and possible vote for a Letter of Support to Council for the Water Department's water development fees proposal**

Chair Munson reported that the Water Department is presenting a proposal that would increase development fees related to water and wastewater infrastructure. The Department wants to equalize the fees charged in the north and south parts of the city, and are changing the way the fees are calculated. The two sections of the city currently operate under two different structures, because most of the development has been in the northern section. The fee calculation modifications would result in less of an increase than the existing methodology.

The draft letter explains the rationale, offers some background, and expresses EQAB's support for the conclusions of the study, and recommends that Council adopt the development impact fee modifications as recognized by the Department.

Mr. Person noted that the Water Department is asking EQAB to approve the draft of the letter, recognizing that there will be some minor changes, but nothing substantive. There will be a public hearing on September 9, which poses a timing problem for approval purposes. It will be presented to Council for action on October 21, which would present EQAB with an opportunity to take further action if necessary.

Board Member Leung inquired what impact these changes would have on the environment. Chair Munson explained that the fees would go to pay for infrastructure improvements for the City's wastewater collection and drinking water system, the Water Campus, and recharge efforts.

In response to Vice Chair Cohen, Chair Munson explained that as a result of the changes, Zone A, south of Shea Boulevard, would have to pay more, while rates in the north would be reduced.

BOARD MEMBER MCCAY MOVED TO APPROVE THE DRAFT LETTER OF SUPPORT TO CITY COUNCIL AS PRESENTED, ON BEHALF OF EQAB TO MAYOR, COUNCIL AND THE ACTING CITY MANAGER. BOARD MEMBER HAND SECONDED. THE MOTION CARRIED UNANIMOUSLY BY A VOTE OF FIVE (5) TO ZERO (0).

7). **EnviroKidsFest event update and discussion**

Mr. Enriquez reported that the City plans to go ahead with EnviroKidsFest on March 5, 2009 at McCormick-Stillman Railroad Park. The event was created originally to provide the public with information they could use at home. It was refined to focus on kids, as the future leaders of the community. The target audience is fourth graders in the Scottsdale community school districts.

Partnerships have been established with APS and SRP, allowing them to conduct their own outreach and education efforts. It is specifically for education, and there are no exhibitors or vendors.

Vice Chair Cohen said organizers have been careful to target specific curricula for fourth graders so it would fit in with what their schools are trying to teach. Mr. Person added that the art portion of the event might not occur this year. The lessons are based on the State's science curricula, and there is no green building statement for fourth graders. Vice Chair Cohen said there is a recycling component that could branch out a bit into green building.

Mr. Enriquez noted that all Boards and Commissions are being encouraged to volunteer for the event. Vice Chair Cohen suggested that at some point, EQAB could make the rounds of the other Boards and Commissions to invite them personally.

8). **Discussion, review of applications/candidates and possible vote to recommend candidates to Council for upcoming EQAB openings**

Mr. Person reported that Council now considers Board and Commission appointments three or four times a year. For the upcoming cycle, applications are due September 12. Council will be meeting in October to interview candidates, and would make appointments at a second meeting. Chair Munson and Vice Chair Cohen are completing their second terms, and their seats would need to be filled. Board Members Leung and Mulloy are completing their first terms, and are eligible to apply for a second term. Depending on term expirations, some appointees will not actually become voting members for a two- or three-month timeframe. This period can be used to orient the new appointees before they would be expected to vote on anything. Two applications have been received so far, and more are welcome prior to the September 12 deadline. EQAB would need to settle on its recommendations by the next meeting.

Board Member Leung suggested inviting the applicants to attend the meeting.

9). **Office of Environmental Initiatives Staff Presentation and Discussion**

- Review of the City's and OEI's performance and initiatives as they relate to the EQAB Work Plan items

Mr. Valliere reviewed the status of EQAB's Work Plan items. The education effort is seen as a key component of the OEI's mission, which is the reason the EnviroKidsFest is being revived. OEI is analyzing fuel consumption for the municipality portion of the City, to see if there are any opportunities to reduce consumption or demands. The Information Services Department has implemented an energy-efficient computer lifecycle replacement program. The new computers will consume 50% less energy than the existing ones, and the monitors 75% less. OEI is sitting on the Planning Committee for the 2009 USGBC National Conference in Phoenix.

OEI is conducting an analysis of alternative work schedules and trip reduction programs to determine their potential environmental impacts. The City has taken a pro-active approach to notifying and education citizens on the proper way to dispose of

pharmaceuticals so that groundwater is not contaminated, and giving them avenues to do so. The Fire Chief is currently leading efforts to evaluate and implement an internal employee recycling program. Curriculum for a new employee orientation presentation is being completed, to introduce environmental education right from the beginning. The OEI office is being remodeled with the goal of achieving LEED certification in a cost effective manner.

Board Member Leung inquired whether the OEI plans to revisit the City's mission statement, with the goal of incorporating energy consciousness into the culture of the City. Mr. Valliere said the mission statement is the leadership policy direction created by Mayor and Council for the staff to administer. The City itself does not have a strategic plan that establishes, from the administration side, a mission vision and values. The Green Building Program was innovative when it was established, and now it is mainstream. OEI's objective is to make energy a mainstream topic of conversation as well. Vice Chair Cohen noted that there would be an energy component in the General Plan revision. That will be an important topic of discussion for Mayor and Council.

In response to Board Member McCay, Mr. Valliere said there has been a lot of internal education and marketing of environmental achievements. There has been little external marketing, though that is one of the OEI's goals.

10). **Discussion and possible vote to amend EQAB's Strategic Plan 2008**

- Discuss process, modification and prioritization of items in the 2007/2008 EQAB Work Plan
- Discuss incorporating staff suggestions regarding the planning process into the work plan
- Discuss Mayor/Council direction for inclusion in the work plan
- Discuss the Green Building strategic goals document for possible inclusion into EQAB's work plan

Vice Chair Cohen noted that in her 2008 State of the City address, the Mayor challenged Scottsdale to make "green" revitalization the centerpiece of plans for the entire southern area, for the Airpark and for any area where revitalization is emerging as a major issue. She wants sustainable revitalization of entire neighborhoods. She also called for adoption of a long-range goal for existing buildings, and progress towards a LEED-EB program as municipal facilities are renovated. She would like to support LEED-EB, but would like more education.

In response to Board Member McCay, Mr. Person said he never received a response to EQAB's recommendation to Council to adopt LEED-EB in the municipal policy.

Chair Munson asked whether the Board found the Work Plan to be too ambitious. Board Member McCay responded that by including ongoing activities in the work plan, the milestones would never go away. Anything that is already part of EQAB's role should also not be included. The LEED-EB milestone should be the first priority. It would be

useful for EQAB to engage in the educational component to explain what LEED-EB is going to involve.

Chair Munson suggested EQAB might be able to provide support to the Mayor in developing a long-range goal. The best way to go would be to set goals that might eventually lead to LEED-EB, and in the interim engage in the education effort.

Board Member Hand said EQAB currently has the resources it needs to educate Mayor/Council. The first step in sustainable revitalization is to address existing buildings. Part of the reason LEED-EB was put aside was because the City was a bit overwhelmed with the implementation of the LEED Gold policy. That was a difficult goal, but LEED-EB is a much simpler thing to grasp. It is a matter of looking at existing facilities and operations in terms of their maintenance. The City is probably ready for it now. The outside community is asking why new buildings have to be green, but renovations do not. The three-tiered outline from the Mayor is a good place to start. He suggested that the old Work Plan be abandoned, since most of it is being done already.

Vice Chair Cohen said one of goals of the Work Plan is to revitalize and review the Sustainability Indicators Report (SIR). Nobody is really using them, though they can be extremely useful. Board Member Hand felt that the SIR is something that should go to the OEI, with EQAB's involvement. He did not feel it was under the category of sustainability itself. Vice Chair Cohen said the SIR is a report to Mayor/Council to let them know how well the City is doing in various aspects of the environment. It was intended for the City's Boards and Commissions to develop the SIR, but it would be much more effective coming out of the OEI.

Mr. Valliere said one of the selling points of the OEI was that it would take responsibility for identifying measurable outputs and reporting on them, so that Council could evaluate the success or failure of the initiatives they have adopted. One of the strategic goals in the OEI's Work Plan is to identify the measurable aspects of sustainability.

Board Member Leung felt that EQAB was spending too much time talking about the document, instead of what it wants to do. The LEED-EB issue is the most relevant one right now.

Vice Chair Cohen said EQAB accomplished some of its general goals, and should now follow up on them to see they are being done.

Mr. Skidmore said that when people get together in Facilities Management and on capital projects, energy is not one of the things that makes the agenda early on, if ever. Budgets are created to replace pieces of buildings, but the facility as a whole is not looked at to determine how it could be elevated. EQAB could help strategize on ways to move the City in that direction, and begin an educational effort to get City management to start thinking on a higher level.

Board Member Leung felt that perhaps what the City needs is a LEED-EB version of the Granite Reef Senior Center, one that could be referred to as a pilot program.

Vice Chair Cohen questioned whether it would have been a better strategy, when creating LEED Gold, to do a pilot program to let everyone know what was possible.

Mr. Skidmore said currently nobody is tasked with following up on new buildings. Hopefully, that is something that the OEI would do. Board Member Hand agreed that a holistic and integrated approach to facilities is preferable to the current myopic one. Even the simple act of using the LEED-EB rating system as an educational tool would focus attention on the site, systems, maintenance, operations, performance, and finishing details. Mayor/Council should not be approached as the first step.

Board Member Leung suggested agendaizing discussion on how to get LEED-EB into the City's consciousness.

Vice Chair Cohen suggested including in the Work Plan an update of the LEED Gold policy, and continued assessment of it.

Board Member Leung said the Mayor's goal of attracting green industries to Scottsdale, should be treated as a stand-alone item. He suggested keeping it on the Work Plan, and having EQAB seek education and expertise. Vice Chair Cohen said it would be important to get the perspectives of the Economic Vitality Department. They have an insight into what businesses are thinking about and looking for.

Vice Chair Cohen said the City has not touched upon the commercial and residential buildings which are a necessary part of moving forward on the strategic goal of having all buildings in Scottsdale be green. Other cities are changing their codes and programs, and Scottsdale needs to keep up. She suggested inviting Professor Bryan from ASU to talk about them. Chair Munson said the Mayor is looking at a much longer-term goal. He felt that there are things EQAB should consider as part of the strategy, but disagreed that they should move forward into an immediate task list. Board Member McCay felt the City should work on its own facilities first to show everyone what could be done. LEED-EB would be the best way to do that.

Vice Chair Cohen noted that the goal is to have all buildings built to green building standards. The City could define whatever those standards should be. They could be something less than those in the Green Building Program, but at least there would be a requirement to have every building built to some green level. It reinforces the point that the City is moving in that direction. It is not going to help the environment if new buildings are built without considering any green aspects. Chair Munson responded that such a notion is embraced by the strategies. Vice Chair Cohen responded that the strategies have not been approved yet.

Mr. Floyd said many of these types of changes are coming in the national building standards. The International Code Council is considering a proposal to make the energy code 20% above what it is today. The ASHRAE 189 standards should be completed by the end of the year. Usually cities phase changes in, instead of adopting them all at once.

Vice Chair Cohen said she has been making this proposal for months, but the hesitation comes whenever EQAB realizes that it needs more education on the matter. The codes have a lot of potential for Scottsdale, and it would be wise to get educated about them before they arrive.

Board Member McCay felt that energy and green building were inseparable, even though there are two committees.

11). **Updates and Reminders**

- Board Member suggestions for environmental topics on future agendas.

Mr. Person reported that the Valley Forward Environmental Excellence Awards are being held on September 6 at the Westin Kierland. The City of Scottsdale is named on five of the finalists. Two are related to preservation, one to the Water Department, one on public art, and one to the Arabian Library.

Vice Chair Cohen announced that August 23 is the opening for the new Fire Station that is pursuing LEED Gold.

Board Member McCay noted that Patrick Okamura from General Dynamics has agreed to come speak. The Board discussed whether he should be invited to an EQAB or a GBAC meeting.

Board Member McCay said he would like to provide a general update on what is happening in other Valley cities. Their activities may serve as fodder for new ideas.

Mr. Person said future meetings might be held at a new venue, possibly starting in October. The new Fire Station has a meeting room.

- Upcoming events.
 - EQAB Meeting - September 17, 2008
 - Household Hazardous Waste Collection Day - November 1, 2008

Adjournment

With no further business to discuss, the meeting adjourned at 8:11 p.m.

Respectfully submitted,

A/V-Tronics, Inc.