EL DORADO COUNTY
SOLID WASTE ADVISORY COMMITTEE
PUBLIC MEETING MINUTES

El Dorado County Environmental Management Department
2850 Fairlane Ct., Placerville, CA 95667
May 11, 2009

MEMBERS PRESENT:
Dickson Schwarzbach, Task Force Chairperson
Don Nizolek, Task Force Co-Chairperson
Jeanne Lear, South Lake Tahoe Refuse
Nancy Spinella, County Resident
George Turnboo, County Resident
Bill McCluskey, County Resident
Gary Pigg, City of Placerville
Sue Farris, El Dorado Disposal
David Kelley (By Phone)

COUNTY STAFF:
Gerri Silva, Environmental Management
Greg Stanton, Environmental Management
Jeff Rusert, Environmental Management
Dave Johnston, Environmental Management
Deana Watkins-Howey, Environmental Management
Vicki Hallas, Environmental Management

OTHERS PRESENT:
Karl Maddison, El Dorado Hills CSD
Walter Harmon, In-Vessel Compost Technology

MEMBERS ABSENT:
Livia Amidon, Cameron Park CSD
Rick Angelocci, City of South Lake Tahoe
Dianna Hillyer, El Dorado Hills CSD
Jon Souza, Environmental Management

I. Call to Order
Dickson Schwarzbach called the meeting to order.

III. Staff Announcements
Jon Souza is absent today.

IV. Approval of Agenda
No changes were made to the Agenda. Motion to approve Agenda made by Nancy Spinella and seconded by George Turnboo. Agenda approved.

V. Approval of Minutes from March 9, 2009
Minutes approved on a motion by George Turnboo and seconded by Sue Farris. David Kelly abstained from the approval of minutes.

V. Old Business / Action Items
A. By-Laws- Minor revisions are being made; including the noticing of the BOS. It was noted that the Board of Supervisor's provide representation on this committee and therefore a Board member might have specific interest relevant to the workings of this committee. Committee members should get that information directly from their appointing BOS member. The EDSWAC minutes will be made available on-line within seven days of being approved by the chairperson to become available to the BOS. The changes just need to be signed so the By-Laws can be presented to the BOS in June. **California Product Stewardship Resolution-** Dave Johnston has been looking further into Product Stewardship. EDSWAC wrote a letter of endorsement for the program that was given to Gerri Silva. Don Nizolek asked that the letter become a formal attachment to the minutes from the March 9, 2009 EDSWAC meeting. **C& D Changes-** Waiting for a letter of endorsement from

the El Dorado County Builders Exchange, but once it is received it will be ready to be presented to the BOS. No date selected yet, but it is expected that the meeting will be held in June.

B. Solid Waste Plan Update-. The BOS gave direction to engage in three more areas. Since the Solid Waste Management Plan will take $150,000 - $200,000 to develop (if we were to work with a consultant), and there is no source for this money presently, the BOS asked for research on options to raise this money so the plan could move forward. A letter was sent to the CSD's, the City's and the JPA in Tahoe, asking them to see if they could help fund this and come together Countywide to plan how we manage our solid waste. Gerri met with the JPA in Tahoe a couple of weeks ago and they are considering funding a portion of the plan. They asked Gerri to get back to them in September for further discussion. Gerri has a meeting in a couple of weeks with Supervisor Sweeny, Supervisor Knight, the CSDs, and the City of Placerville to see if they will come together to help support the funding and participation in a solid waste management plan. In the meeting they will be looking at new technology and new facilities (composting, mini MRF's). The Board also asked that a solid waste working committee be developed to start looking at the Solid Waste Management Plan. Gerri thought that this committee could start to determine where we need to go and then hire a consultant if needed to actually start working on the Plan. As a group (EDSWAC) we could look at old plans, and updated plans to share with the committee. The working group will consist of:

- Two individuals from Environmental Management,
- One individual from the CAO's office,
- One individual from the Economic Development Advisory Committee,
- One from both the City of Placerville and the City of SLT and two from each CSD
- One representative from the JPA (includes El Dorado County, City of SLT, and Douglas County)
- One representative from RIPP (Residents Involved in Positive Planning)
- Two representatives from EDSWAC.

At the JPA meeting, an engineer from Douglas County and Cathy Poole, were appointed to the working group. Local businesses are being asked to be involved as well, so Gerri worked with Waste Connections to determine who were the biggest generators. Based on service call figures from El Dorado Disposal, the biggest generators in the County are DST and the Office of Education. The county liked the idea of working with the schools since they produce kitchen waste and white paper, so Greg is looking into getting a contact from the Office of Education. The plan is to take this back to the Board on June 2nd, develop a time line and the big decision needs to be ready by June of 2010. It is anticipated that the working group will meet monthly starting in July. Dickson asked for volunteers from the EDSWAC committee members to join the Working Group. George Turnboo and Sue Farris volunteered. They were officially nominated by Dickson and seconded by Jeanie Lear.

Don asked that a formal presentation be made at the EDSWAC meetings on what is being done in the working groups. It was decided that an update of the working group will be added to the agenda.

Gerri will be presenting the names of the members of the working group to the BOS on June 2, 2009.

C. Biomass versus Transformation – George Turnboo put together an information sheet on biomass and transformation and what El Dorado County could do. He came up with the name El Dorado Regional Energy Technology Park. The information sheet discusses biomass and other technologies that can be brought to the County to generate revenue and also a way to dispose of the solid waste in the County. George invited Walter Harmon to present an idea that he has been developing for ten years.

D. In-Vessel Compost Technology – Walter Harmon described that he invented in-vessel composting equipment that is currently being reviewed by the University of California, Berkeley. The equipment is designed to turn 70% of the waste stream into compost. Non organic materials cannot be put in the unit, i.e. plastics. This in-vessel composting machine is designed to make compound compost fertilizer in nine days. In

the design CO2 is generated. Walt described that this could be recaptured and put into a pond to create blue green algae. He said that the equipment design does not create leachate and there is no odor due to filters. He projected that the system could take in 100 tons a day and 50 tons would go out. After the ninth day there is projected to be 50 tons compost compound fertilizer per day. The remaining 50 tons is water. The designis to have no disposal waste generated by this in-vessel compost project. Currently, there are not any facilities of this sort in operation in the United States. There are facilities of this sort in Holland, Japan and Spain. If the County were interested in a facility like this, Walt has three companies that are willing to back his designs. Per Walt, the plant that was presented to the EDSWAC group (which is not the size that Walt would suggest for El Dorado County) is projected to cost eight million dollars to build. Walt stated that if the County was interested, he would do all the work. He would give us a design, the funding and marketing. He said the County just had to give him an objective.

George Turnboo stated that there are grants to be tapped for solid waste projects (using new technology), but they have to be moved on now. Bill McClusky suggested that a couple of representatives of the EDSWAC group go and meet with Walt to get information and come back to the County with a presentation on a system that might work for El Dorado County. Bill McClusky and George Turnboo will meet with Walt.

Dickson reminded the group that this committee's role is advisory. EDSWAC's role is to come up with suggestions that can be given to the newly developed working group to address what the County will need to consider to meet solid waste needs for the next twenty years.

VI. Legislative/Regulatory Update

AB 283. Product Stewardship is a hot topic right now. This Bill would make manufacturers responsible for solid waste issues regarding their products. Manufacturers are "coming out of the woodwork" in opposition to this Bill.

SB25- There is no update on the increase of the diversion rates to 75%.

VII. Meeting AB 939 Goals -

Annual Report for 2007 Results: Goal for pounds per resident was to have 5.12 pounds per resident, and we came in at 4.18 pounds per resident. Goal for pounds per employee was to have 23 pounds per day and we came in at 18 pounds per day per employee. Thus, we have exceeded the state targets.

VIII. Agency/Jurisdiction Reports

a. Amador County – Sue Farris

No report from Amador County

b. Cameron Park Community Service District – Sue Farris

The CSD is talking about upgrading their recycling carts from 64 gallon to 96 gallon containers. The Cameron Park Country Club is now recycling their grass. Their Spring Clean-Up was well received. Green waste and e-waste were collected. Snowline Hospice was there collecting as well.

c. El Dorado County

Environmental Management Department

The Household Hazardous Waste collection facility expansion in El Dorado Hills is almost complete. Postcard magnets will be mailed out to the residents to let them know that e-waste will now be accepted in El Dorado Hills. EM also participated in the Camino Clean-Up where 61 houses disposed of household hazardous waste. The Tire Amnesty Event at the Georgetown Airport collected 750 tires. On May 30th there will be a tire collection event in Somerset.

El Dorado Disposal – Sue Farris
Sue clarified that the bulk of green waste collected at the MRF is sent out to existing composters.

d. El Dorado Hills Community Service District – Karl Maddison
The Spring Clean-Up was very successful even though it was raining. The Diversion Report for the first quarter of the year identified a 75% diversion rate. Sue reported that most homes in El Dorado Hills have a 96 gallon recycling container and a 64 gallon garbage container. She also reported that EDH currently has 35-40 pounds per home of recycled of garbage and 65 pounds of green waste per home collected in each pickup (which is every two weeks). Dickson asked if Waste Connection could provide information on the diversion rates for all the communities in the County.

e. City of Placerville
The Spring Clean-Up was very successful. There were 346 vehicles bringing in 46 tons of recycling and garbage. The 3-cart system is up and running and has been working well for the first six months. The City Council is looking at voting on a mandatory collection for the City. Currently, they have a 74% participation rate in the 3-cart system. Sue Farris stated this has been the most successful start up of a 3-cart system.

f. City of South Lake Tahoe
South Lake Tahoe / South Tahoe Refuse
Jeanne reported that the blue bag program has been rolled out in all service areas. There have only been a few glitches and they are working on extending this program to commercial properties. The enclosure of the Material Recovery Facility has been completed and they hope to get their certificate of occupancy in June and their State permits in August. Clean Tahoe Day is scheduled for June 6th, where they will be collecting green waste, e-waste, and household hazardous waste. They will also do lot clean ups, since they still have a high number of illegal dumping on empty lots.

IX. Open Forum/ Public Comments

David Kelley wanted to thank the committee for allowing him to attend his first meeting by telephone.
Nancy Spinella asked why El Dorado Disposal doesn't offer a cost break if someone recycles more materials than they produce in garbage. Sue answered for El Dorado Disposal that she agreed that this made sense and would look into it further.

Next Meeting: July 13, 2009

VI. Meeting Adjourned
A motion to adjourn was made by Bill McCluskey and seconded by Gary Pigg.

Submitted by Deana Watkins-Howey

Approved:_____

Date: _____
Chairperson