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March 25, 2013

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 Tierra del Sol  
 Vallecitos*

Mr. Bob Maupin  
 Rom904@hughes.net

Dear Mr. *Bob*:

Thank you for your e-mail requesting assistance with your questions regarding the proposed renewable energy projects in the Boulevard and Jacumba areas. I appreciate your contacting my office and voicing your concerns.

You have raised important questions that should be answered. In order to be as helpful as possible, I have taken the liberty of forwarding a copy of your e-mail to Ms. Helen Robbins-Meyer, Chief Administrative Officer for the County of San Diego. I have asked her to review your e-mail and respond back to you with any information the County may have in order to address your questions.

Again, thank you for writing. If I can be of further assistance, please feel free to contact me or Adam Wilson of my staff at (619) 531-5522, or via my web site at [www.diannejacob.com](http://www.diannejacob.com).

Sincerely,

DIANNE JACOB  
 Vice-Chairwoman

DJ:aw/me

cc: Ms. Helen Robbins-Meyer, Chief Administrative Officer, w/ attachment

*Serving the Indian reservations of:*

*Barona  
 Campo  
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Re, Alice

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**From:** bob [rom904@hughes.net]  
**Sent:** Wednesday, February 20, 2013 4:17 PM  
**To:** Jacob, Dianne; Ron-Roberts; Cox, Greg; Roberts, Dave; Horn, Bill  
**Subject:** Boulevard - Jacumba scrapping of the plan 2020  
**Attachments:** This is an open letter to all the Supervisors on the board.wpd

Attached are questions that myself, and others in the Boulevard - Jacumba area are trying to get answers to. So far we have had no response from the staff at planning. The developers don't have any answers except to tell us to go along with their projects and every thing will be wonderful.

be impossible to live in if you already have a breathing problem. If they are going to mitigate the problem with soil binders, refer back to water quality.

On the issue of runoff: My property is on the east end of the Tierra del Sol Solar project. The property that it is proposed to be built on is sloped down, for over a mile, to my property. The runoff from over 3,000,000 square feet of mirrors, 32 miles of dirt roads and 13 miles of load bearing roads will inundate my property with the runoff and mud from this site. There will be no vegetation left to stop the runoff and absorb excess water. I can find nowhere in their project description a plan to trap and contain runoff. Who do I hold financially responsible for any destruction to my property? The County, because you approve it, or the LLC that proposes to build it?

The issue of glare: Every morning and evening, these three million square feet of mirrors rise to catch the first and last rays of the sun. Will the resulting glare damage the eye sight of those living in the area? Will this massive glare effect the drivers on the surrounding roads? Every solar project in the Boulevard - Jacumba area has this problem. Who will be accountable for the resulting increase in accidents and long term health problems?

Has anyone researched the effects of the heat generated by solar farms? Each mirror operates at about 178 degrees. What effect does acres of mirrors at this temperature have on the local vegetation? How far does the heat radiate? What amount of updraft does it cause? Will the up-draft and glare be an obstruction to aircraft and other operations of the Border Patrol? Will the concentration of these projects in this area cause climate change, resulting in an area of ecological disaster in the name of green energy? What effect will the added heat have on the long term health of the people and both wild and domestic animals? How will the massive influx of heat effect the fire danger? No fire department in the area is equipped the fight electrical fires. Since they cannot be put out by squirting water on them, the fire departments will have to hold back until the fire spreads. In a Santa Anna condition, this can spell disaster for the entire county. For those of us that live out here it will be an ongoing disaster all the time.

The issue of wind turbines: Whenever a propeller turns, it causes turbulence behind it. Will this resulting turbulence hamper fire fighting from the air? Will it hamper the Border Patrols ability to use helicopters for homeland security? What is the prolonged effect of the propeller flicker and turbine noise be on the local residents and animals? All of the proposed projects will have stray electricity caused by the fact that they do not generate at the required sixty cycles to get on the grid. What will the long term effect of the large amounts of electricity shunted into the ground be on local residents and animals?

After the South West Power Link was erected, passing within 150 yards of our house, my wife came down with polycythemia rubra vera which is related to leukemia. She has been on oral chemo for over twenty years. It has now turned into myelofibrosis which means that she must take even more medication to stay alive. We have lost two dogs to canine leukemia since the line went in. All of this is because some people and some animals are adversely effected by the E. M. F. and stray electricity produced by the line. Will all of these projects around us be what pushes her, and others, into an early grave in the name of "Green Energy?" After the water

February 20, 2013

This is an open letter to all the Supervisors on the board. It is my hope that staff will let their boss actually read this.

We are on track for an ecological disaster in the Boulevard - Jacumba areas. It is apparent that the County general plan of rural and agriculture is being thrown out in favor of commercial - industrial use to promote a lot of "green energy." There are many questions that need to be answered to avoid a complete ecological mess that will take decades to fix, if it ever can be done, after it is allowed to happen. I have posed most of the questions to staff in the planning department as far back as last July. So far no response.

On the issue of roads: None of the roads in the area are built to withstand constant travel by large trucks and heavy equipment. Who is going to be responsible for the maintenance and repair during and after construction of all the projects in the area? The roads out here are the old dirt roads that have been covered with a thin layer of asphalt. Some are already in disrepair in the areas where construction has been or is ongoing. Who is going to fix them, and when?

On the issue of water: All of the projects will consume large amounts of water for construction and cleaning. Citing just the Soitec Tierra del Sol project. They say that they need between 19,606,400 and 23,783,900 gallons just for construction. That is, using the lower number, the amount that would be used by 87 two-bedroom two-bath homes in one year. The density allowed in the general plan is one house per eighty acres, not one on every five acres. The reason for that is the scarcity of water in the area. Where are they going to get the water? If they pump it out of the ground the resulting decrease in the water table will cause most of the wells on the neighboring properties to go dry. Who is going to be held responsible for re-drilling all of the wells? The County, because you approved the project, or the developer? If the water is imported, what chemicals will be in it, and what long term effect will it have on the water quality? They also say that they will apply soil binding agents to cut down on dust. What are the long term effects of this going to be on the water quality? If the water becomes unuseable, who do we hold responsible? The County, because you approved these projects, or the LLCs that developed them? The LLCs will declare bankruptcy and leave us with water that cannot be used and property and homes that must be abandoned because of this.

On the issue of dust and runoff: All of these projects require new roads to be put in for construction and maintenance. Again, citing the Soitec Tierra del Sol solar project, they say that they are going to put in over thirty miles of dirt roads on four hundred forty plus acres. The roads on the east side of the project are all dirt, so are the roads on the south both in the U. S. and Mexico. Part of Tierra del Sol Road on the north is also dirt. Within two to three day after a rain, driving on a dirt road raises a cloud of dust. With trucks and equipment going constantly, how is this going to effect the air quality in the area? With all of the projects mapped out for Boulevard and Jacumba it would appear that we are going to be turned into a dust bowl that will

table is diminished and what is left is poisoned by the application of chemicals to the land, the native vegetation, including the old growth oaks, will cease to exist. It will leave the Boulevard - Jacumba area a barren dust bowl. However, as the County seal states, "The Nobelist Motive is the Public Good." So, the people out here and our land can be sacrificed in the name of the public good ?

If it would not be too much trouble, I would like answers to the questions posed before any projects are approved.



Thank you

R. O. Maupin  
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