

(ITEM 1) CALL TO ORDER: 1:05 PM

(ITEM 2) INTRODUCTION OF ATTENDEES:

NAMES	ORGANIZATIONS	ELIGIBLE TO VOTE?
ANGELA MORROW	VISTA IRRIGATION DISTRICT (VID)	ALTERNATE
BOB HILLESTAD	INDIVIDUAL STAKEHOLDER	
BRAD ROBBINS	LOS COYOTES BAND OF INDIANS	
CYNTHIA MALLET	CITY OF OCEANSIDE (BOD , PRESIDENT)	X
DAVID ALLEN	FALLBROOK LAND CONSERVANCY (BOD , TREASURER)	X
GEORGE WILKINS	PACIFIC REMS (BOD , VICE-PRESIDENT)	X
HEIDI BROW	PALA BAND OF MISSION INDIANS (BOD , SECRETARY)	X
JEROME KERN	CITY OF OCEANSIDE, COUNCIL MEMBER	
JOHN BERESFORD	LA JOLLA BAND OF LUISENO INDIANS	X
PAUL DOREY	VISTA IRRIGATION DISTRICT (VID)(BOD)	X
RUTH HARBER	RIVERWATCH	X
SANDRA STONEBURNER	LOS COYOTES BAND OF INDIANS	
SCOTT NORRIS	SAN DIEGO COUNTY, DPW (BOD)	X
VIC PANKEY	SAN LUIS REY MUNICIPAL WATER DISTRICT (SLRMWD)	X

(ITEM 3) APPROVAL OF MINUTES:

The minutes of 10/26/2009 were already approved at the November 2009 meeting. The minutes of 11/23/2009 were approved, with a few minor changes at today’s meeting.

VOTING ITEM:

DESCRIPTION	Approval of Minutes
MOTION	Motion to approve the minutes of 11/23/2009 with a few changes.
MOTIONED BY:	Paul Dorey (VID)
SECONDED BY:	Scott Norris (San Diego County, DPW)
CALL FOR DISCUSSION	2 minor changes on page 2 & 4
CALL TO VOTE	MOTION PASSED [8 yes; 0 no; 1 abstention]

(ITEM 4) BOARD OF DIRECTOR ELECTIONS (COMMUNITY PLANNING GROUP SEAT):

VOTING ITEM:

DESCRIPTION	Elect Board of Director seat for Community Planning Group
MOTION	The City of Oceanside came forward to nominate Cynthia Mallett (same organization) to the Community Planning Group seat of the SLRWC Board of Directors.
ELECTION BY SLRWC	All 9 eligible voting members took a vote for the BOD election.
CALL FOR DISCUSSION	No other candidates came forth for the Community Planning Group seat
CALL TO VOTE	MOTION PASSED [9 yes; 0 no; 0 abstention]

(ITEM 5) ELECTION OF EXECUTIVE OFFICERS OF THE BOARD OF DIRECTORS:

Now that 6 of the 7 Board of Director seats have been filled, the BOD must elect executive officers.

BOD VOTING ITEM:

<i>DESCRIPTION</i>	Elect Board of Director Executive Officers
<i>MOTION</i>	A motion was made to make the 3 interim officer positions official (President=Cynthia Mallett; Treasurer=David Allen; Secretary=Heidi Brow), and add George Wilkins as our Vice President.
<u>MOTIONED BY:</u>	Paul Dorey (VID)
<u>SECONDED BY:</u>	Scott Norris (San Diego County, DPW)
<u>CALL FOR DISCUSSION</u>	George Wilkins was nominated by John Beresford.
<u>CALL TO VOTE</u>	<u>MOTION PASSED</u> [6 yes; 0 no; 0 abstention]

(ITEM 6) ESTABLISHMENT OF WORKING COMMITTEES:

At the 2/12/2010 BOD Meeting, the BOD discussed establishing 3 new working committees:

- **Membership Committee** (chair: George Wilkins): this group would work on fundraising opportunities, setting rules for accepting donations & in kind services, outlining what a voting member would get in return for their membership dues, setting payment due dates, etc.
- **Grants & Projects Committee** (chair: Cynthia Mallett): this group would work on finding & applying for grant funding, and identifying projects to work on around the watershed.
- **Public Education & Outreach** (chair: Paul Dorey; Scott Norris): this group would work on SLRWC communications, including a website, newsletter, etc.
- There are other working committees that were suggested and may be established at a later date (ie: ‘Watershed Science Committee’ to work on technical advisories for projects and data gathering; ‘Executive Committee of the BOD’ to work on the pre-planning process for the monthly SLRWC meetings, elections, agendas/minutes, establishing SLRWC policy and procedures). The BOD wants to focus on the most pressing issues first, before delving into these other topics.

BOD VOTING ITEM:

<i>DESCRIPTION</i>	Establish 3 new Working Committees
<i>MOTION</i>	A motion was made to establish 3 new working committees: Membership Committee; Grants & Projects Committee; Public Education & Outreach Committee.
<u>MOTIONED BY:</u>	Paul Dorey (VID)
<u>SECONDED BY:</u>	George Wilkins (Pacific REMS)
<u>CALL FOR DISCUSSION</u>	There should be no more than 2 BOD members on each committee, to prevent each meeting from having to be publically noticed (per the Brown Act).
<u>CALL TO VOTE</u>	<u>MOTION PASSED</u> [6 yes; 0 no; 0 abstentions]

(ITEM 7) MEMBERSHIP DUES:

At the 2/12/2010 BOD meeting, the BOD discussed setting membership dues for our voting members; a full outline of this discussion can be found in the BOD Minutes from 2/12/2010. The BOD presented their recommendations to the SLRWC, which included 3 different levels of participation. The BOD is currently working on a baseline annual operating budget of approximately \$2200 per year, to pay for BOD insurance, web maintenance, and office/mailbox fees, among other operating costs. The BOD feels that this budget may be obtained through a \$100/year Membership Fee from voting members. In-kind services, in lieu of membership fees, may be accepted with some limitations as set by the Membership Committee, and only with the approval of the BOD & the Membership Committee. The BOD thought that the 2010 Membership Fee should be due in August 2010.

- **Sponsored Membership (for voting membership organizations)**
 - Annual Membership Fee = \$100
 - Get: Voting Privileges; access to website & newsletters (forthcoming), events/activities, meeting participation, field trips, etc.
- **Non-Sponsored Membership (for individuals)**
 - Annual Membership Fee = \$0
 - Get: access to website & newsletters (forthcoming), events/activities, meeting participation, field trips, etc.
- **“SLRWC Supporter Class” (donations)**
 - Donations in any increment will be accepted
 - The Membership Committee will prepare recommendations for different levels of donations, what recognition a group may receive (& when) for their donation, etc.

VOTING ITEM:

<i>DESCRIPTION</i>	Propose Adding a Voting Item at 3/22/10 Meeting: \$100 Membership Fee
<i>MOTION</i>	Bring the issue of a \$100 Membership Fee for voting organizations to the 3/22/2010 meeting as a voting item.
<u>MOTIONED BY:</u>	Paul Dorey (VID)
<u>SECONDED BY:</u>	David Allen (Fallbrook Land Conservancy)
<u>CALL FOR DISCUSSION</u>	Ruth Harber suggested a \$200 annual fee would be better, however the group felt this would be too high to ask for our initial membership dues since we want to be inclusive and increase SLRWC membership; the amount can be re-visited again at a later date. It was suggested that the membership committee send a letter to all past & current members saying something like: “to continue your SLRWC membership, please send \$100 fee in the enclosed stamped envelope. In this letter, we should also define what services we offer, in return for the membership fee (ie: website with data from the Poomacha Early Warning System, newsletter, opportunities & field trips around the watershed, an area where people can voice their concerns, etc.). Based on past records, people will participate in the SLRWC based on our relevance. We may want to consider doing a press release to gain some momentum.
<u>CALL TO VOTE</u>	<u>MOTION PASSED</u> [9 yes; 0 no; 0 abstentions]

(ITEM 8) GUEST SPEAKER: GEORGE WILKINS, PACIFIC REMS ~**THE POOMACHA EARLY WARNING SYSTEM: REAL-TIME DEBRIS FLOW MONITORING IN SLR WATERSHED:****What is an Early Warning System?**

A series of automated sensors (measuring rain levels, stream heights, wind, etc) around the watershed, which provide real-time hydrologic data for early warning flood forecasting and modeling. These sensors relay the data to higher radio towers, which then relay it to San Diego County's flood warning system. Data from these sensors can be used to provide notice of developing floods and other emergencies, thus providing emergency personnel with more time (forewarning) to help protect lives and property. The County's flood warning system only covers the unincorporated areas (cities are not included) because of past legislature that separates the two. The ALERT Storm Data System (ALERT = Automated Local Evaluation in Real-Time) can help monitor for unpredictable storms that might produce flooding issues. Real-time data gives emergency personnel more response time, ultimately saving more lives. Each station has different warning levels and alarm levels, set by the County/Tribes, to their needs, alerted by onsite sirens or pager/email notification to emergency staff.

Poomacha Early Warning System:

There are approximately 7 new rain gages and 8 new stream level gages that were installed and integrated into the County's existing early warning system. After the fires of 2007, the Department of the Interior (DOI) put together the Burned Area Emergency Response (BAER) Team from different federal and tribal agencies. This team came up with different management actions in response to the fire, one of which was the development of an Early Warning System. The BAER Team has tried to implement these measures in order to provide Tribes and other emergency staff with as much response time as possible.

Key ALERT & Flood Warning System planning elements include: watershed field investigation; plan/design of a flood warning system; purchase of gage equipment; routine testing of equipment (QA/QC); maintenance and training on software; obtain permits/permission/FCC licenses for ALERT radios; and testing of tribal emergency response procedures. Equipment costs for the various gages include: Rain Gauge (\$4500 - \$5500); Stream Gauge (\$5500 - \$6500); Weather Station Gauge (\$6000 - \$8000). Water Quality Stations are more expensive, due to the data sonde equipment, but can sample for up to 12 different parameters (ie: water temperature, pH/ORP, TDS, nitrate, ammonia, turbidity, conductivity, dissolved oxygen, chloride, etc).

Why do we have/need the Poomacha Early Warning System?

Increased Risk of Debris Flows: The Poomacha Fire (October 2007) burned a large part of the upper San Luis Rey Watershed, including the steep, southwest-facing slopes of Palomar. The 2007 fires burned out all the soil and undergrowth, revealing huge boulder fields in the tributaries, and leaving the area vulnerable to heavy rain events. There was approximately 1' – 3' of ash deposited on the slopes as well. Palomar Mountain is a fault-blocked mountain, with very pulverized and fractured rock on the slopes; this combination can produce LOTS of huge debris flows from the excessive material and overly steepened slopes. These huge debris flows are very typical in the Palomar Mountain area, because it is a fault-blocked mountain with lots of debris.

High Rainfall: The southwest slopes of Palomar have some of the highest annual rainfall levels in the whole county: Palomar Mountain averages 45" of rain ever year (60" - 70" in a wet year) as compared to 12" on the coast. When you combine high rain levels with large amounts of loose debris on slopes, you get very powerful debris flows. Debris flows can rush down the mountain slopes and tributaries like avalanches; they are often unpredictable in their track, skipping out of tributary banks. The 'highest predicted rainfall' would come from an errant hurricane that came into our area from the south, delivering up to 36" in a 24 hour period (NOT a typical winter storm).

Flashy System: Our watershed tends to be a very flashy system (high rain events over short periods of time). The 1916 flood was a 100-year flood, and measured 96,000 cfs (cubic feet per second) at the mouth of the river; the current flood channel in lower Oceanside would not contain another 100-year flood and all the debris. There was another large flood (might have been the largest in the last 200 years, but there's not enough data) in 1862, which reported snow levels down to 2000' and a warm rain event. In 1993, the San Luis Rey Watershed experienced a 20-25 year storm, which washed out 7 bridges (more bridges than anywhere else in the County).

Major Storms in the 2009/2010 Rain Year:

There were a series of severe storms in November 2009, which hit us from the southwest. The rainfall levels and storm front predictions exceeded the USGS Debris Flow Thresholds. These storms dropped about 6"-8" on Palomar's upper slopes, and 3"- 4" on the lower slopes. There was a huge tire/debris flow that slammed down a tributary in Pauma, which occurred in between rain events (the tires are off-reservation lands from an old NRCS project to stabilize the creeks' banks). The 2009/2010 Rain Year has caused many blow-outs of various tributaries, turning them from small V-shaped creeks to huge U-shaped creeks. There is also a large area along the upper San Luis Rey River (around the Escondido Canal) that has been dammed with downed logs from the slopes of Palomar, which will start making its way slowly down (west) the San Luis Rey River.

George's personal recommendations for lower watershed:

The 3 main things we need are (1) more telemetry and gauges in place, (2) better organization and cooperation efforts between the County and various Agencies, and (3) a San Diego Watershed Protection District run by the County, covering unincorporated areas and Cities.. There are no ALERT (real-time) gauges between I-15 and Oceanside; there is 1 USGS gauge at the Oceanside Airport, however it only updates every 4 hours and is not tied into the County's Early Warning System. Ruth said that she has a personal rain gauge on her property, and has been taking rain level measurements at Gregory Canyon since 1988; George recommended that she provide that data to the County.

(ITEM 9) FINANCIAL UPDATE:

We currently have \$458.00 in the SLRWC's bank account.

(ITEM 10) GREGORY CANYON UPDATE:

Damon Nagami (a staff attorney for NRDC) has a blog online regarding Gregory Canyon (Damon Nagami, *Another Agency Steps In To Protect San Luis Rey River From Proposed Garbage Dump*, posted: 2/18/2010).

George Wilkins offered the group his professional opinion that if we had another flood the size of the 1993 one, the bottom part of the Gregory Canyon Landfill (where the canyon breaches the San Luis Rey River) would not survive. He also said that this would be especially true with a 100-year flood like the one that hit this watershed in 1916.

There is a new website [www.savegregorycanyon.com] which joins the fight against the dump. The website has maps, photos, and other information on the latest permits and decisions by various courts and state agencies.

(ITEM 11) GRANT UPDATE:

In December 2009, Cynthia Mallett submitted a grant to the San Diego Women's Foundation, on the behalf of the SLRWC, to develop a watershed outreach campaign. Unfortunately, we did not receive the grant funding. However, we now have a model grant proposal for other grant opportunities that may arise. Cynthia would like to remind everyone to be on the lookout for grants that might help us develop a Watershed Management Plan. If you have any ideas or grant information, please contact Cynthia Mallett [cmallett@ci.oceanside.ca.us]. There may be SEP (Supplemental Environmental Program Projects) funds in the near future, which we can ask Dave Gibson about.

(ITEM 12) ATTENDEE'S NEWS:

- **David Allen (*Fallbrook Land Conservancy*):** Rosemary's Mountain Quarry will start monitoring for PM4 sometime in 2010; PM4 is much finer and can often cause major health issues. A recent newspaper article reported some violations at Rosemary's Mountain Quarry: http://nctimes.com/news/opinion/commentary/article_7c53beb3-6828-540b-bd8a-21d83928a029.html
- **Bob Hillestad (*individual stakeholder, member of San Diego Stream Team*):** There is an upcoming 2-day Bio Survey training session, hosted by San Diego Stream Team. This training is designed for those wishing to help San Diego Stream Team with detecting water pollution in various local creeks and rivers through water quality, physical measurements, and sampling for benthic macro invertebrates. The training will be March 26 (classroom) and March 27 (field). For more information, please contact: Lilian Busse [lilianbusse@verizon.net] or Gary Strawn [strawnhouse@gmail.com].
- **Heidi Brow (*Pala Band of Mission Indians*):** The Pala Tribe is hosting monthly tire collection events for the public at their Tribal Transfer Station (12802 Highway 76, Pala CA 92059) (funded by the California Integrated Waste Management Board). The general public can bring up to 20 tires to each event (for free); however you can't transport more than 9 tires at a time in your car (without a tire hauler's license). For more information, call: (760) 742-1781. Upcoming Dates:
 - February 22nd – 27th (9am – 3 pm)
 - March 22nd – 27th (9am – 3 pm)
- **Scott Norris (*San Diego County, DPW*):** Update on County providing maps to SLRWC: The County is putting together a map for us (will take another month or 2) with the base geography map of the watershed and our 3 HA's, stream/rivers, and mountains. There will be 4 clear overlays that we can pick and chose when we use it: land use map; jurisdictions; cities, towns, and roads; monitoring sites (should add in the ALERT stations).
- **George Wilkins (*Pacific REMS*):** weather report ~ we are currently in an El Nino Pattern for the next month or so, at least.
- **Cynthia Mallett (*City of Oceanside*):** Harrah Casino's environmental team wants to do a cleanup along the San Luis Rey River. If anyone in the upper watershed has sites that need to be cleaned up, please contact Cynthia Mallett [cmallett@ci.oceanside.ca.us].

(ITEM 13) 2010 SLRWC MEETING DATES:

- MARCH 22, 2010
- APRIL 26, 2010
- MAY 24, 2010
- JUNE 28, 2010
- JULY 26, 2010

ADJOURNMENT:

Respectfully submitted,


Approved for Distribution,

5/28/2010

X 

Heidi Brow
Secretary, San Luis Rey Watershed Council

5/28/2010

X 

Chairperson
San Luis Rey Watershed Council