

Attachment 1
Authorization and Eligibility Requirements

- 1) **Authorizing Documentation (City Resolution).** Please see Figure 1 on Page 2.

- 2) **Eligible Applicant Documentation:**
 - a. **Is the applicant a local agency as defined in Appendix B of the Guidelines? Please explain.** The City of Rancho Palos Verdes is a city, and therefore a local agency as defined in Appendix B of the Guidelines.

 - b. **What is the statutory or other legal authority under which the applicant was formed and is authorized to operate?** The City of Rancho Palos Verdes is a California municipal corporation organized and existing under the laws of the state of California.

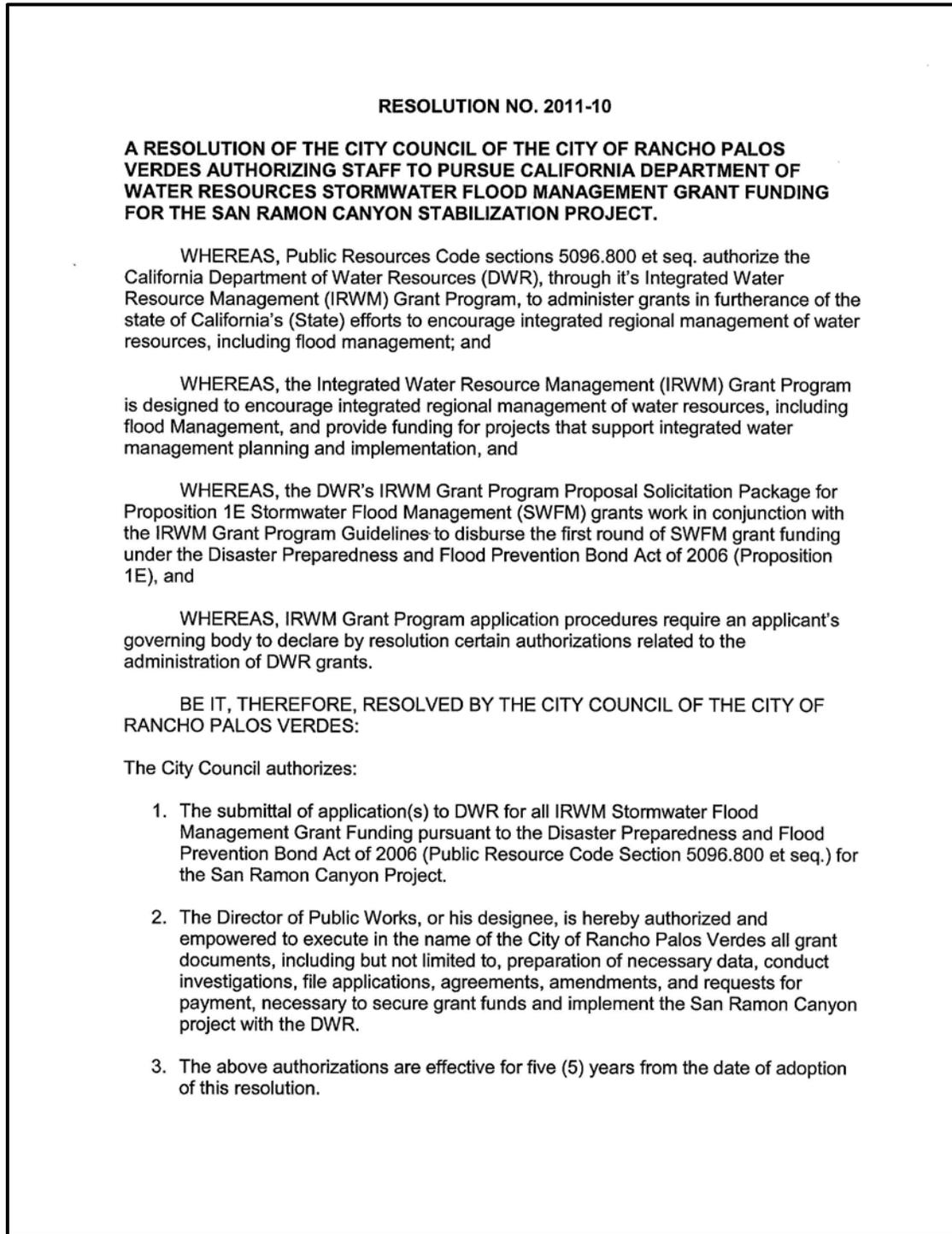
 - c. **Does the applicant have legal authority to enter into a grant agreement with the State of California?** Yes.

 - d. **Describe any legal agreements among partner agencies and/or organizations that ensure performance of the Proposal and tracking of funds.** The City of Rancho Palos Verdes is the sole applicant for the proposal.

- 3) **GWMP Compliance. Proposal does not contain a groundwater management or recharge project. Justification is as follows:** The San Ramon Canyon Stormwater Flood Reduction Project does not contain a groundwater management or recharge project, nor does it have potential to impact groundwater, either positively or negatively. Currently, and especially during moderate to severe rain events, the canyon conveys stormwater runoff generated from the upstream tributary watershed approximately 3,300 feet downstream where it overwhelms the storm drain inlet system at PVDS/25th Street. The “first flush” of these storms is usually absorbed into the streambed until the ground is saturated. Subsequent and heavier flows are generally conveyed to the storm drain inlet, or onto the adjacent roadway at PVDS/25th Street, where the water sits until the storm drain system can collect and convey it to the ocean. The project will still allow “first flush” and low flows (both dry and wet weather) to be absorbed into the streambed as its capacity will allow. Heavier flows will be intercepted higher in the watershed and conveyed directly to the ocean, reducing the volume of flow entering into the existing, overwhelmed system. The steep topography in the canyon does not allow long retention times in the streambed. It is not anticipated collecting water higher in the watershed and conveying by a different pipe will significantly influence the infiltration volumes in the canyon since these diverted flows typically result after saturation is reached.

- 4) **Consistency with an adopted IRWM Plan.** The San Ramon Canyon Stormwater Flood Reduction Project was added post adoption by the Greater Los Angeles Area Region (GLAC) IRWMP on March 23, 2011. The GLAC IRWM Plan notes that the identification and submission of new projects is on an ongoing basis. Project prioritization starts at the Sub-regional Steering Committee Level and is approved by the Leadership Committee. Please see Adoption E-Mail (Figure 2) on Page 4, and Meeting Minutes (Figure 3) on Pages 5-10. The San Ramon Canyon Stormwater Flood Reduction Project is consistent with the goals and objectives of the GLAC IRWM Plan as noted in Table 1 on Page 11.

Figure 1. City of Rancho Palos Verdes Resolution.



PASSED, APPROVED, AND ADOPTED THE 1st DAY OF MARCH, 2011.

/s/ Thomas D. Long
Mayor

ATTEST:

/s/ Carla Morreale
City Clerk

State of California)
County of Los Angeles) ss
City of Rancho Palos Verdes)

I, Carla Morreale, City Clerk of The City of Rancho Palos Verdes, hereby certify that the above Resolution No. 2011-10 was duly and regularly passed and adopted by the said City Council at a regular meeting thereof held on March 1, 2011.

Carla Morreale
City Clerk

Figure 2. GLAC IRWMP Adoption E-Mail.

From: Bryden, Russ
Sent: Tuesday, April 05, 2011 8:53 AM
To: Andy Winje
Cc: Doudar, Phil; Delegal, Kathi; Alam, Amir
Subject: IRWM Confirmation Letter

April 1, 2011

Mr. Ray Holland
Director of Public Works
City of Rancho Palos Verdes
30940 Hawthorne Blvd.
Rancho Palos Verdes, CA 90275

**RE: CITY OF RANCHO PALOS VERDES, CA: SAN RAMON CANYON STORMWATER FLOOD
REDUCTION PROJECT – PROJECT ID #14712 – PROOF OF INCORPORATION INTO THE GLAC
IRWM PLAN**

Dear Ray:

The Greater Los Angeles County (GLAC) Integrated Regional Water Management (IRWM) Group's Leadership Committee confirmed at their March 23, 2011, meeting (official meeting summary attached) that the *City of Rancho Palos Verdes's San Ramon Canyon Stormwater Flood Reduction Project (Project #14712)* is included the GLAC IRWM Plan's Project List.

Thank you for submitting the San Ramon Canyon Stormwater Flood Reduction Project to the GLAC IRWM Plan. We look forward to supporting the City's project.

Sincerely,

Russ Bryden, PE
GLAC IRWM Leadership Committee

Figure 3. GLAC IRWMP Meeting Minutes.

**Greater Los Angeles County Integrated Regional Water Management
Leadership Committee Meeting Notes
March 23, 2011**

**At the Los Angeles County Department of Public Works
900 South Fremont Avenue, Alhambra**

COMMITTEE MEMBERS PRESENT:

Mark Pestrella (Los Angeles County Flood Control District), Chair
Joe Bellomo (City of Westlake Village) for Randal Orton (Las Virgenes MWD), Chair,
North Santa Monica Bay Sub-region
Barbara Cameron (City of Malibu), Vice-Chair, North Santa Monica Bay Sub-region
Leighanne Kirk for Rich Nagel (West Basin MWD), Chair, South Bay Sub-region
Robb Whitakker (Water Replenishment District), Vice-Chair, South Bay Sub-region
Andy Niknafs for Tom Erb (Department of Water & Power), Chair, Upper Los Angeles
Sub-region
Nancy Steele (Watershed Council), Vice-Chair, Upper Los Angeles Sub-region
Carol Williams (Main San Gabriel Basin Watermaster), Chair, Upper San Gabriel Sub-
region
Randy Schoellerman (San Gabriel Basin Water Quality Authority), Vice-Chair, Upper
San Gabriel Sub-region
Tony Zampielo (Raymond Basin Management Board), Groundwater WMA
Shelley Luce (Santa Monica Bay Restoration Commission), Open Space WMA
Sharon Green (Sanitation Districts of LA County), Sanitation WMA
Grace Chan (Metropolitan Water District), Surface Water WMA
Wing Tam for Shahram Kharaghani (City of LA, Watershed Protection Division),
Stormwater WMA

COMMITTEE MEMBERS NOT PRESENT:

Art Aguilar (Central Basin MWD), Chair, Lower Los Angeles Sub-region
Belinda Faustinos (Watershed Conservation Authority) Vice-Chair, Lower Los Angeles
Sub-region
Tom Erb (Department of Water & Power), Chair, Upper Los Angeles Sub-region
Shahram Kharaghani (City of LA, Watershed Protection Division), Stormwater WMA
Rich Nagel (West Basin MWD), Chair, South Bay Sub-region
Randal Orton (Las Virgenes MWD), Chair, North Santa Monica Bay Sub-region

OTHERS PRESENT:

Aderonmu, Abi (Department of Water Resources)
Alam, Amir (Los Angeles County Department of Public Works)
Bryden, Russ (Los Angeles County Flood Control District)
Cadena, Diego (Los Angeles County Flood Control District)

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**Greater Los Angeles County Integrated Regional Water Management
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Caldwell, E.J. (West Basin MWD)
Carlson, James (City of Sierra Madre)
Chen, Donna (City of Los Angeles)
Delegal, Kathi (Los Angeles County Department of Public Works)
Hildebrand, Gary (Los Angeles County Flood Control District)
Jaquez, Greg (Los Angeles County Flood Control District)
La, Wendy (Main San Gabriel Basin Watermaster)
Lilley, Keith (Los Angeles County Flood Control District)
Paras, Rochelle (Los Angeles County Flood Control District)
Sheridan, Steve (Los Angeles County Flood Control District)
Trejo, Raymundo (Upper San Gabriel Valley MWD)
West, Tom (RMC Water)
Winje, Andy (City of Rancho Palos Verdes)
Wu, Theresa (Water Replenishment District)
Zauner, Mary (Sanitation Districts of LA County)

1. CALL TO ORDER

Meeting was called to order at 9:40 a.m.

2. APPROVAL OF February 23, 2011 MEETING NOTES

Motion to approve the February 23, 2011 Meeting Notes, with two minor revisions, passed unanimously.

3. PUBLIC COMMENT

No public comment.

4. PROPOSITION 1E – GLAC IRWM PROJECT LIST

Russ Bryden explained that inclusion in an adopted IRWM Plan is an eligibility requirement for Proposition 1E applicants. Two such applicants gave presentations on their projects:

- San Ramon Canyon / 25th Street Stabilization Project (City of Rancho Palos Verdes) – Andy Winje provided an overview of the project which aims to stabilize the major road that is being affected by significant erosion of an adjacent canyon in the City of Rancho Palos Verdes. The estimated total cost of the project is \$19 million.
- Santa Anita Dam Project (Los Angeles County Flood Control District) – Keith Lilley provided an overview of the District's project to improve the Santa Anita dam, debris basin, diversion structures and spreading grounds. The estimated total cost of the project is \$40 million.

The Leadership Committee affirmed that these two projects are included in the GLAC IRWM Plan's project list and expressed support for their grant applications.

5. GLAC IRWM PLAN UPDATE: CONSULTANT SERVICES RFP

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Leighanne Kirk reported on progress made by the Plan Update RFP Ad Hoc Subcommittee in developing a consultant RFP to update the GLAC IRWM Plan. It is anticipated that the RFP will be completed within the next week and due to scheduling requirements it is critical that the RFP be published ASAP. West Basin, as confirmed previously, stands ready to publish the RFP as soon as it is finalized and approved. A motion was made by Robb Whitaker to delegate authority to the RFP Ad Hoc Subcommittee to finalize and publish the RFP on behalf of the Leadership Committee. Motion passed unanimously.

6. STEERING COMMITTEE CHAIRS / WMA / FCD REPORTS

Subregional chairs reported on items discussed during their March meetings:

- **NSMB Steering Committee** - Barbara Cameron reported that this Steering Committee continued discussion on their project consolidation and financing efforts. The discussion focused on urban runoff and stormwater management to target the Malibu Creek Trash and SMB Marine Debris TMDLs. The members expressed frustration that Open Space managers were not participating in the TMDL baseline studies or implementation plans but agency practices and annual visitors to parks contribute significantly to impaired waters. Members wondered if there was any interest in bringing RWQCB into the broad discussion of this subject.
- **South Bay Steering Committee** – did not meet.
- **Upper LAR Steering Committee** – did not meet. Letters requesting funding support were sent out.
- **Upper San Gabriel River Steering Committee** – did not meet. This Steering Committee is currently working with its members and potential contributors to raise and collect funds.
- **Lower LA & SG Rivers Steering Committee** – Russ Bryden reported that this Steering Committee discussed the challenge of meeting the fundraising target. Additionally, the Steering Committee voted to request Water Replenishment District (Robb Whitaker) replace Belinda Faustinos as Vice-Chair upon her retirement in April. Art Aguilar has been asked to confirm his desire to continue serving as Chair of the Lower LA & SG Rivers Steering Committee.

Watershed Management Area representatives also reported on current issues:

- **Groundwater** – Tony Zampielo shared that the draft Raymond Basin Groundwater Model has recently been completed. They have been meeting with the Watershed Council, who is conducting a Water Augmentation Study in conjunction with the Bureau of Reclamation. Tony also shared that a significant amount of groundwater is currently being spread locally.

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Mark Pestrella added that the Flood Control District's water spreading activities across the region are above average due to the amount of rain we have been getting.

- Open Space – Shelley Luce shared that the Open Space and Habitat Subcommittee has been meeting regularly to provide the RFP subcommittee material. They are working on clarifying how ecosystem services should be a part of water resource management integration.
- Sanitation – Sharon Green provided an update on the statewide Collection System Waste Discharge Requirements (WDR), which affects all publicly owned collection systems (those which own greater than 1 mile of pipe). Coverage has been extended to include privately-owned systems. At this point, it is still unknown when the WDR will be released.
- Stormwater – Wing Tam shared that the City is currently working with the Regional Board and doing additional research on alternative criteria for the upcoming Stormwater NPDES Permit. Mark Pestrella commented that the Southern California Stormwater Task Force is meeting on March 24, 2011 and five counties are expected to discuss their strategies for moving forward with their MS4 Permits.
- Water Supply – Grace Chan reported that DWR recently increased the State Water Project's allocation level from 60% to 70% and could potentially increase it further later in the year. State reservoirs look to be in a good position to significantly replenish regional storage. Grace also expanded on the current state of Diamond Valley Reservoir and Lake Mead/Lake Powell.

7. IRWM NEWS

- Planning & Implementation Grants Update – Planning Grant Final Awards were announced on February 23, 2011 and the GLAC IRWM will receive its \$1 Million grant request. It was noted that per the schedule included in the planning grant application, the consultant should be onboard within two months of the award notification (expected late March), thus the need to expedite the Consultant Services RFP. Additionally, DWR is reportedly on-schedule for their implementation grant review and the draft staff recommendations are still expected in April/May.
- IRWM Conference – It was discussed how the GLAC IRWM Region can benefit from having representatives attend the DWR-sponsored IRWM conference in Sacramento on May 24-25, 2011. -Mark Pestrella confirmed his ~~attendance at~~ intention to attend this conference. Other Leadership Committee members who intend to attend are reminded to coordinate travel plans.

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- Roundtable of Regions Survey – Russ Bryden reported that GLAC IRWM participated in a survey that the Roundtable of Regions developed to gather feedback on IRWM and Prop 84 application processes. The compiled results will be shared with the Roundtable participants and presented to DWR at the IRWM conference in May.
- Updates on Neighboring Regions – Russ Bryden briefly reported on activities of neighboring IRWMs:
 - Gateway IRWM focused on their ARRA grant for catch basin inserts and their Regional Alliance to comply with requirements from the 20x2020 legislation. They also selected Grace Kast as their new Executive Director.
- DWR Offer of Professional Facilitation (DWR) – Russ Bryden reported that the Flood Control District submitted the required application to DWR this month. DWR confirmed that the application is currently being processed and will be considered at their Review Panel meeting next month. A decision is expected within three to five weeks.
- CA News from DWR – Abi Aderonmu (DWR) encouraged the group to utilize resources that DWR has made available regarding climate change and other IRWM-related topics. Hardcopies of various emails on this subject were provided to the group.

8. DAC ISSUES

Nancy Steele reported on the progress of the pilot Needs Assessment that is currently being designed by the DAC Sub-Committee to jumpstart the work they are slated to do with the \$50,000 available match funding. A draft framework is expected to be available for review by the end of the week. It was also reported that the DWR contract is moving in a positive direction although no timeframe has been provided. DWR shared that the issues are inherent to the nature of IRWM and related to additional sole source justification being required.

Nancy also reported that the DAC Sub-Committee is working on establishing voting members and electing a chair and vice-chair who will be attending Leadership Committee meetings as ex-officio members.

9. SUSTAINABLE FUNDING

Each of the subregions reported on their fundraising efforts. The Flood Control District announced that to assist subregions in their funding efforts, a support letter on behalf of the Leadership Committee was sent to each of the sub-regional chairs and vice-chairs.

10. WATER REPLENISHMENT DISTRICT PRESENTATION

Robb Whitaker (Water Replenishment District) gave a presentation on Developing Local Resources for Groundwater Replenishment. A copy of the presentation will be made available on www.lawaterplan.org.

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11. LEGISLATIVE COMMITTEE UPDATE

E.J. Caldwell gave a recap of the trip to Sacramento on March 21-22, 2011 and offered to share the materials used during the trip. During the meetings held with Senators' and Assembly Members' offices, an overview of the GLAC IRWM was successfully communicated along with past successes and challenges. E.J. also encouraged the group to outreach to local legislators. Secretary of Natural Resources John Laird asked to take a tour of the GLAC area which Mark Pestrella offered to coordinate. A discussion took place on creating a map which shows pending and completed grant-funded projects. The map may also include other projects that are taking place but not necessarily funded by DWR.

12. FUTURE AGENDA ITEMS/OTHER ITEMS

Topics for future discussion will include:

- Sanitation Districts Presentation on Recycled Water
- Water Management Areas: Issues/Presentations

14. ADJOURNMENT

The meeting was adjourned at 11:50 p.m. The next meeting is scheduled for Wednesday, April 27, 2011, 9:30 a.m. – Noon at the County of Los Angeles Department of Public Works, Executive Conference Room, 12th Floor.

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Table 1 Goals & Objectives	
Greater Los Angeles County Region IRWMP	San Ramon Canyon Stormwater Flood Reduction Project
<p>✓ Improve Water Quality. Comply with water quality regulations by improving the quality of urban and stormwater runoff to reduce or eliminate impairment of the designated beneficial uses of rivers, creeks, beaches, and other bodies of water in the Region.</p>	<p>✓ The proposed project will improve water quality by diverting moderate to heavy “clear water” runoff upstream of highly-erosive areas to reduce erosion and minimizing debris transport. This “clear water” will flow directly to the ocean in a buried pipeline. It also will provide for a low flow bypass to direct smaller flows and “first flush” through the restored streambed in the canyon, taking advantage of infiltration and biologic pollutant uptake available in a riparian system.</p>
<p>✓ Enhance Habitat. Protect, restore and enhance natural processes and habitats.</p>	<p>✓ The proposed project will enhance habitat by restoring and protecting the existing streambed and the surrounding ecosystem, providing riparian habitat along the previously-scoured canyon floor.</p>
<p>✓ Maintain and enhance public infrastructure related to flood protection, water resources and water quality. Support projects that propose to: 1) reduce runoff via onsite best management practices (BMPs); 2) capture and treat urban and stormwater runoff for treatment; 3) expand groundwater recharge; or 4) restore habitat, must also preserve or enhance existing flood protection levels.</p>	<p>✓ The proposed project will enhance public infrastructure by managing stormwater runoff to reduce flood damage by substantially reducing the amount of flow being delivered to the existing, and frequently overwhelmed, storm drain at PVDS/25th Street. This will diminish undercutting in the canyon to protect PVDE switchbacks and the adjacent sewer, and provide a much higher level of flood protection to PVDS/25th Street and the downstream community.</p>
<p>✓ Enhance Open Space and Recreation. Increase watershed-friendly recreational space for all communities.</p>	<p>✓ The proposed project will enhance open space and recreation by restoring the natural area above the cut and cover portion of the pipeline. The City will restore and improve the casual trail that exists from this location to the bluff top, creating a “gateway” to this open space parcel. The City is also in the process of evaluating the development of a trail through the project area to connect Shoreline Park with Friendship Park.</p>

✓ <i>Improve Water Supply. Optimize local water resources to reduce the Region's reliance on imported Water.</i>	Not applicable.
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