



## **City of Rancho Palos Verdes – Program Manager RPV LANDSLIDE COMPLEX WORKING GROUP MEETING AGENDA, NOTES, AND ACTION ITEMS**

Date/Time: July 10, 2024, 3:00 pm to 4:30 pm PST

Topic: **RPV Landslide Complex Working Group Meeting**

Attendees: **City of Rancho Palos Verdes:** Ara Mihranian, City Manager; Ramzi Awwad, Director of Public Works; David Copp, Deputy Director of Public Works; Cory Linder; Daniel Trautner; Brandy Forbes; Megan Barnes; Katie Lozano; Juan Hernandez; Brandon Mesker; David Rasor; Elena Gerli (attorney); John Fox (attorney)

**Hout Construction Services, Inc. (HCS):** Sam Hout, Program Manager; Jayme Fairfield, Document Control Manager

**Cotton, Shires and Associates, Inc.:** Mike Phipps, Contract City Geologist, Pat Shires

**Los Angeles County Disaster Management Area G:** Brandy Villanueva

**Klondike Canyon Landslide Abatement District (KCLAD):** Steve Cummins; Scott Kerwin (Geologist)

**Abalone Cove Landslide Abatement District (ACLAD):** Gordon Leon; Scott Kerwin (Geologist)

**Seaview Residents Association:** Kit Song, Rayne Sherman (Alternate)

**Portuguese Bend Community Association (PBCA):** Kent Attridge, Claudia Gutierrez (Alternate)

**Portuguese Beach Club HOA:** Michael Barth, Andrew Ely, Eric Johnson

**Palos Verdes Peninsula Land Conservancy:** Cris Sarabia

**Cal Water:** Carmelo Sorce, Ralph Felix, Augie Beaza, Kevin McCusker, Ronald Sorensen

**Southern California Gas Company (SoCal Gas):** Ben Steinberger

**Southern California Edison (SCE):** Holly Essler, Mudila Kangulungu, Celina Luna (Alternate), Constance Turner (Alternate), Amber Topoleski, Taylor Garcia, James Edwards

**Frontier Communications:** Doug McAllister, Ramiro De La Cruz, William Kearns, Stephen McDonald

**Los Angeles County Public Works (LACPW):** Alex Villarama, Robert Swartz, Art Vander Vis (fire department), Brian Kane (fire department)

**Los Angeles County Sanitation District (LACSD):** Kevin Kim, Jared Abegg, Michael Chee, Maria Rosales

**City of Rolling Hills:** Karina Banales (City Manager), Samantha Crew, Christian Horvath

**Rolling Hills Community Association:** Kristen Raig

**Wayfarer's Chapel:** Rev. Dr. David Brown, Dan Burchett, Ben Gunter, Peter Gottschalk

Additional Community Attendees: Deirdre Heimer, Jeremiah Sunwoo, Kathy Snell, Marianne Hunter, Nancy Kalthoff, Nikki Noushkam, Peter Shaw, Sha, Steve Hinchliff, Lee, Genesis Rodriguez, Catherine Jun, Max Barth, Karen Miller, Sheri Hastings, LA, Lenee Bilski, Bob Locke

(Note: Those in attendance are in black; not in attendance are in gray)

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Working Group Purpose: *“We are committed to evaluating and addressing every concern the community has for this important initiative. We will look to share information and ideas amongst all the major stakeholders and initiate short-term measures for proactive success. The community has spoken and the City is taking action.”*

TABLE 1: AGENDA ITEMS		Presenter(s)
<b>DISCUSSION ITEMS</b>		
<b>Current, Short-Term, and Long-Term Mitigation Projects</b>		Ramzi Awwad Jayme Fairfield
<ul style="list-style-type: none"> <li>See Table 2 below.</li> </ul>		
<b>Declaration(s) of Emergency and Los Angeles County Disaster Management AREA G</b>		Ara Mihranian Ramzi Awwad Brandy Villanueva
<ul style="list-style-type: none"> <li>Brandy Villanueva reminded the attendees that the SBA loan deadline is 7/16/2024.</li> </ul>		
<b>Geotechnical Updates</b>		Ramzi Awwad Mike Phipps Scott Kerwin
<ul style="list-style-type: none"> <li>Cotton Shires Associates (CSA) has been reviewing the water and sewer alignment, the ski jump mitigations, and the latest monitoring data.</li> <li>Monitoring data from 5/28/2024 compared to 7/1/2024 shows the acceleration averaging 9% for the entire Portuguese Bend Landslide Complex (PBLC), which is a decrease in the overall rate of acceleration.               <ul style="list-style-type: none"> <li>14% in Klondike Canyon Landslide</li> <li>%4 in Abalone Cove Landslide</li> <li>4% in Portuguese Bend Landslide</li> <li>Currently, the highest rate of movement is at the top of Vanderlip</li> </ul> </li> <li>The data also shows expansion of the landslide.</li> <li>Cotton Shires Associates continues to do field mapping.</li> </ul>		
<b>Coordination with the City of Rolling Hills</b>		Ara Mihranian Karina Banales
<ul style="list-style-type: none"> <li>No updates.</li> </ul>		
<b>Funding Initiatives</b>		Ara Mihranian Ramzi Awwad
<ul style="list-style-type: none"> <li>Updates.</li> </ul>		
<b>General Comments or Questions</b>		Working Group
<b>NEXT MEETING</b>		
<ul style="list-style-type: none"> <li>Weekly Status Meeting: Occurs every Wednesday at 3:00 pm PST. The next meeting is 7/17/2024.</li> <li>Regular Meeting Format: This meeting will be held virtually via Teams. For a Teams link, please email Jayme Fairfield at <a href="mailto:jfairfield@houtconstruction.com">jfairfield@houtconstruction.com</a>.</li> <li>Notes from past meetings can be found on the City's website at this link: <a href="#">RPV Landslide Complex Working Group   Rancho Palos Verdes, CA - Official Website (rpvca.gov)</a>.</li> </ul>		Ara Mihranian Jayme Fairfield

**TABLE 2: CURRENT, SHORT-TERM, AND LONG-TERM MITIGATION PROJECTS**

Activity	Responsible Entity	Notes/Status	Estimated Completion
<b>UTILITIES</b>			
Sewer Lines	LACSD	<ul style="list-style-type: none"> <li>LACSD continues to work with the City to bring the below ground section of the sewer along PVDS to</li> </ul>	Ongoing

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Activity	Responsible Entity	Notes/Status	Estimated Completion
		<p>above ground. Details are still being worked out. Coordination with LACSD and Cal Water continues.</p> <ul style="list-style-type: none"> <li>Part of the compromised line has been redirected. Before it is brought to the median or across PVDS, engineering solutions need to be discussed and developed due to the nearby Cal Water line.</li> </ul>	
Sewer Lines: Seaview Neighborhood	LACPW: Mains Homeowners: Laterals	<ul style="list-style-type: none"> <li>LACPW and City staff toured the landslide area today, including the Seaview area.</li> <li>An automatic bypass pump has been deployed to direct wastewater. The pump has a float sensor that will engage the pump as needed.</li> <li>The City suggests that residents have a plumber inspect their laterals.</li> </ul>	Ongoing
Sewer Lines: Portuguese Bend Community	City	<ul style="list-style-type: none"> <li>The City still continues to make permanent and temporary repairs.</li> <li>The sewer line is being adjusted/re-sloped to make sure the gravity is properly working.</li> </ul>	Ongoing
Power Poles Repairs	Southern California Edison (SCE)	<ul style="list-style-type: none"> <li>SCE is currently in communication with the property owners for the three residences that have been disconnected from service.</li> <li>There have been power surges in Seaview and SCE crews are being deployed immediately to make repairs.</li> </ul>	Ongoing
Gas Lines: Portuguese Bend Community and Seaview Community	SoCal Gas	<ul style="list-style-type: none"> <li>A meeting with SoCal Gas and Seaview representatives is set for next week. The invite was sent by Nikki Noushkam.</li> </ul>	Ongoing
Water: Seaview Neighborhood	Cal Water	<ul style="list-style-type: none"> <li>Cal Water has been working with the Seaview Association and the City for the above-ground mains.</li> <li>Cal Water held an onsite meeting with stakeholders.</li> <li>Materials are expected to be delivered by next week.</li> <li>Notifications prior to construction will be sent to the City and hand delivered to the residents.</li> <li>A flume rebate is still available for the residents who want to take advantage of this.</li> </ul>	TBD
Water: Portuguese Bend Community Association	Cal Water	<ul style="list-style-type: none"> <li>Construction is still ongoing on Narcissa for the above-ground water mains.</li> </ul>	TBD
Water: Portuguese Bend Beach Club	Cal Water	<ul style="list-style-type: none"> <li>Cal Water has been working with the HOA and the City for the above-ground mains.</li> <li>Cal Water held an onsite meeting with stakeholders.</li> <li>Cal Water is still working with PBC on design.</li> </ul>	TBD
<b>CITY</b>			
Portuguese Bend Landslide EIR, Final Engineering, and E1/E2	City	<p><b>E1/E2</b></p> <ul style="list-style-type: none"> <li>Completed four borings. Instrumentation is being installed today.</li> <li>Starting E-1-9 soon after the equipment is repaired.</li> <li>E-1-2 and E-1-3 will be after E-1-9.</li> <li>Next set of bore holes will be concurrent in the E2 area.</li> </ul>	October 2024

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Activity	Responsible Entity	Notes/Status	Estimated Completion
		<ul style="list-style-type: none"> <li>• Surveys will be conducted in the next few days at four locations at the Beach Club. Three are being surveyed (E-1-4, E-1-7, and E-1-6) first. E-1-1 may be drilled later, as it is located in Klondike Canyon and close to private property. The City is working with Beach Club for access.</li> <li>• Depths vary based on previous studies to make sure that the slide planes are being reached so that proper/useful data is gathered. The data is being analyzed to determine the number of slide planes and how deep they are. The data will inform the engineers on the depth of the hydraugers and confirm their location(s).</li> <li>• Peter Shaw requested that the test bore hole map be updated by color of test bore holes completed, in progress, and future.</li> <li>• When water is extracted via the hydraugers, it will be tested to see how it can be used, redirected, or discharged to the ocean.</li> </ul> <p><b>EIR</b></p> <ul style="list-style-type: none"> <li>• Still working on responding to comments for the EIR to bring to City Council for ratification.</li> </ul>	
PVDS at Peppertree Drainage	City	<ul style="list-style-type: none"> <li>• The City is rescoping the drainage and resurveying the area before the design is finalized.</li> </ul>	TBD
GPS Surveying of Landslide Movement	City	<ul style="list-style-type: none"> <li>• Completed the latest survey last week.</li> <li>• Ramzi Awwad and Cotton Shires Associates have the draft report for review.</li> <li>• Data shows that the slide continues to accelerate, but the rate of acceleration is diminishing.</li> <li>• The final report will be published in the next week or two.</li> </ul>	Ongoing
PVDS Roadway Repairs	City	<ul style="list-style-type: none"> <li>• City staff will present the Ski Jump project to City Council on 7/16/2024. This is for the more substantial repairs and not just the minor repairs. Staff will recommend to the City Council to hold off on the substantial repair until the slide slows/stabilizes.</li> <li>• The City has been monitoring PVDS safety and speed signage.</li> <li>• There are small repairs scheduled for next week; more substantial repairs are scheduled for the week after.</li> </ul>	Ongoing
Crack-Filling in Seaview Neighborhood	City	<ul style="list-style-type: none"> <li>• The City continues to monitor and fill cracks.</li> <li>• City crews were in the field filling cracks today.</li> <li>• The City is monitoring and planning for proper drainage.</li> <li>• At 3200 Helm Place, the drainage swales have been clogged for a while. The resident has contacted the City many times and hopes that it will be cleared before the rainy season.</li> </ul>	Ongoing

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Activity	Responsible Entity	Notes/Status	Estimated Completion
		<ul style="list-style-type: none"> <li>The best way to reach the City to report non-emergency matters is by emailing <a href="mailto:landmovement@rpvca.gov">landmovement@rpvca.gov</a>.</li> <li>The City is assessing the graven areas and are planning repairs.</li> </ul>	
<b>COMMUNITY ASSOCIATIONS AND LANDSLIDE ABATEMENT DISTRICTS</b>			
Road Repairs in the Portuguese Bend Community	Portuguese Bend Community Association	<ul style="list-style-type: none"> <li>There is no change in the status of road repairs.</li> <li>Still having issues with navigation systems/apps. Kent Attridge finally got ahold of google maps to allow for the road closure(s).</li> <li>As Marianne Hunter requested, Kent Attridge asked the City to help with getting “gate closed” or “road closed” signage up.</li> <li>The Peppertree gate still gets stuck open occasionally due to land movement.</li> <li>PBCA is working on when gate(s) can be opened (mainly for evacuation).</li> </ul>	Ongoing
KCLAD Dewatering Wells	KCLAD	<ul style="list-style-type: none"> <li>KCLAD met with FEMA for the RSM. The first action item is to get the report prepared. FEMA stated that certain emergency measures can be started while staying in compliance.</li> <li>There were shears on two or three wells.</li> <li>Online wells include one well and another at 60 feet (instead of 160 feet)</li> <li>Pumping is currently at 100 gpm total.</li> </ul>	Ongoing
Klondike Canyon Fissures	KCLAD & City	<ul style="list-style-type: none"> <li>No updates.</li> </ul>	Ongoing
Klondike Canyon Culvert and Pipe	KCLAD & City	<ul style="list-style-type: none"> <li>No updates.</li> </ul>	Ongoing
Lower Seaview/ PVDS at Klondike Canyon Drainage	KCLAD & City	<ul style="list-style-type: none"> <li>Mitigations will get implemented when they are funded.</li> </ul>	TBD
ACLAD Dewatering Wells	ACLAD	<ul style="list-style-type: none"> <li>There are currently five sheared wells. Gordon Leon is working with the drilling company to see if water can still be extracted from them.</li> <li>The wells have been shut off and on due to line breaks or leaks caused by land movement.</li> <li>Tomorrow, a pump will be replaced in well #17.</li> <li>Other wells are having different challenges, and each is being investigated for potential repairs.</li> </ul>	Ongoing
General Maintenance	ACLAD	<ul style="list-style-type: none"> <li>ACLAD has conducted tests of the Abalone Cove water and it is unhealthy for agriculture uses (specifically for avocados). Many indigenous plants do well with this water. Reusing the water for golf courses or other agricultural uses is not economically feasible.</li> </ul>	Ongoing
Top of Slide Area and Kelvin Canyon Spring	ACLAD & City	<ul style="list-style-type: none"> <li>No updates.</li> </ul>	TBD



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Altamira Canyon Lining	ACLAD, RPV, and LACPW (Flood Control District)	<ul style="list-style-type: none"><li>• ACLAD is coordinating with FEMA to get the damage identification report completed.</li></ul>	TBD