



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

Date/Time: June 12, 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; Yvette Holguin, Project 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:** Angie Gilbride, 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

**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: Karen Miller, Marianne Hunter, Nancy Kalthoff, Theresa, Sha, Peter Shaw, Deirdre Heimer, Kathy Snell, Delbar, Unknown User, Max Barth, Nikki Noushkam, Bob Locke, Leanne Twidwell

(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)                               |
|--|--|--|
| DISCUSSION ITEMS   |  |  |
| <b>Current, Short-Term, and Long-Term Mitigation Projects</b> <ul style="list-style-type: none"><li>See Table 2 below.</li></ul>   |  | Ramzi Awwad<br>Jayme Fairfield             |
| <b>Declaration(s) of Emergency and Los Angeles County Disaster Management AREA G</b> <ul style="list-style-type: none"><li>Brandy Villanueva confirmed with SBA that the disaster loan center is closed for in-person assistance but is accessible virtually to assist with the application process, answer questions, and provide guidance. The center will be open until the 7/16/2024 application deadline. The property damage must be a result of the winter storm that impacted the community between the winter storm declaration incident period of 1/31/2024 to 2/9/2024. Brandy will confirm eligibility requirements including income, insurance, credit score and report back. At the end of the two-year loan period, if repair costs are less than the approved amount of the low-interest loan, the excess funds need to be returned.</li><li>The SBA does not conduct town hall briefings because each application is managed on a case-by-case bases. The process is very individualized.</li></ul> |  | Brandy Villanueva                          |
| <b>Geotechnical Updates</b> <ul style="list-style-type: none"><li>Cotton Shires is still analyzing McGee’s monitoring survey data from 5/29/2024. The City will publish the data by the end of this week. The report will be included in the Staff Report published one week prior to the 7/2/2024 meeting.</li><li>41% average increase in velocity from April to May area wide.</li><li>70% increase in velocity in the Klondike Canyon Landslide. This translates to 7-7.5 inches of land movement per week.</li><li>Abalone Cove Landslide has a slightly lower velocity increase (approximate 30% increase in velocity).</li><li>The Vanderlip area is currently moving 5-10 inches per week. Grabens have opened.</li><li>Mike Phipps investigated the landslide areas today, including the E1 drilling site.</li><li>Cotton Shires is updating their mapping and preparing it for the July City Council meeting. Fissures, scarps, and grabens are included on the maps.</li></ul>                            |  | Ramzi Awwad<br>Mike Phipps<br>Scott Kerwin |
| <b>Coordination with the City of Rolling Hills</b> <ul style="list-style-type: none"><li>The two cities’ leadership are close to selecting a meeting date, which is expected to occur before 7/1/2024.</li></ul>   |  | Ara Mihranian<br>Karina Banales            |
| <b>Funding Initiatives</b> <ul style="list-style-type: none"><li>KCLAD: The Congressionally Directed Spending application has been submitted. To Senator Padilla, Senator Butler, and Congressman Liu.</li><li>KCLAD: For Ted Liu’s funding, KCLAD is asking for \$5.4M. The actual amount will be much lower than (approximately \$1.1M)</li><li>KCLAD: KCLAD is moving forward with FEMA funding (like the BRIC funding that City of RPV applied for a couple of years ago).</li><li>KCLAD: California disaster declaration public assistance was submitted.</li><li>KCLAD: The City loan has been approved, and now KCLAD Board needs to accept the loan.</li></ul>   |  | Ara Mihranian<br>Ramzi Awwad               |

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|--|--|----------------------------------|
| <ul style="list-style-type: none"> <li>KCLAD: Will distribute a spreadsheet with funding on an approximately bi-monthly basis.</li> <li>ACLAD: ACLAD passed the assessment increase. They are encouraging the members to pay their assessments ASAP.</li> <li>ACLAD: ACLAD approved the resolution to accept the Fast Track Loan from RPV.</li> </ul>  |  |                                  |
| <b>General Comments or Questions</b><br>Safety concerns: <ul style="list-style-type: none"> <li>First responders are having a difficult time reaching Admirable, Exultant, and Dauntless. This is a concern for medical emergencies, as well as with the fire season starting. Ara Mihranian and other City staff have been in continuous communication with first responders. First responder agencies have been canvassing the area weekly to view accessibility to all areas/residences.</li> <li>Residents need to know how to turn off their gas in an emergency. SoCal Gas has a video on the procedures on their website at <a href="#">this link</a>. The City and/or SoCal Gas will distribute a flyer on this as well for residents who are not computer savvy. The City Manager's report that comes out weekly also has published this.</li> </ul> Other items: <ul style="list-style-type: none"> <li>Explanation from Robert Swartz (LACPW) in the chat window: Coordinating repairs is not possible between water and sewer due to the water code. The Water code requires separation of water and sewer due to the risk of cross contamination. Work cannot be performed by the same contractor. Gas lines cannot share the same trench as a sewer. There is a minimum separation of 5 feet, which reduces the risk of a gas line leaking into the sewer and creating an explosive atmosphere in the sewer system. During sewer manhole inspection, the air inside the manhole is tested to ensure an explosive atmosphere is not present before removing the manhole cover.</li> </ul> |  | Working Group                    |
| NEXT MEETING   |  |                                  |
| <ul style="list-style-type: none"> <li>Weekly Status Meeting: Occurs every Wednesday at 3:00 pm PST. Next meeting is 6/19/2024.</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<br>Jayme Fairfield |

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

| Activity                          | Responsible Entity                | Notes/Status   | Estimated Completion |
|-----------------------------------|-----------------------------------|--|----------------------|
| UTILITIES                         |                                   |  |                      |
| Sewer Lines                       | LACSD                             | <ul style="list-style-type: none"> <li>LACSD crews will start performing daily inspections of the sewer lines.</li> </ul>  | Ongoing              |
| Sewer Lines: Seaview Neighborhood | LACPW: Mains Homeowners: Laterals | <ul style="list-style-type: none"> <li>LACPW has performed several inspections since May 2023.</li> <li>LACPW has performed repairs in breaks as needed and will continue to do so.</li> </ul> | Ongoing              |

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| Activity   | Responsible Entity               | Notes/Status   | Estimated Completion |
|--|----------------------------------|--|----------------------|
|  |                                  | <ul style="list-style-type: none"> <li>LACPW is discussing mid-term plans with various options to make repairs more efficient.</li> <li>When there have been breaks, no spills have been detected because of the way that the lines are designed; they are not under pressure and are in compact soils.</li> <li>The City is prioritizing the areas where the grabens are forming.</li> </ul>  |                      |
| Sewer Lines: Portuguese Bend Community                     | City                             | <ul style="list-style-type: none"> <li>There are no current known impingement or breaks.</li> <li>The City is looking into ways to make the system more resilient.</li> <li>The City will repair the roads they dug up last week.</li> </ul>   | Ongoing              |
| Power Poles Repairs  | Southern California Edison (SCE) | <ul style="list-style-type: none"> <li>No updates.</li> </ul>  | Ongoing              |
| Gas Lines: Portuguese Bend Community and Seaview Community | SoCal Gas                        | <ul style="list-style-type: none"> <li>The City and residents are anxious to hear about SoCal Gas's long-term plans.</li> <li>Seaview residents are making a formal request for more information on future plans.</li> <li>SoCal Gas has expedited their response times. Any incoming calls/reports are being treated as "code 1".</li> <li>Inspections include CPUC-mandated process/procedures.</li> <li>Ben Steinberger, the public affairs officer, passes on all information received to the appropriate SoCal Gas staff members. He will report back to this group.</li> <li>Ben's contact information is bsteinbe@socalgas.com, (310) 569-2636.</li> <li>Flexible joints in some areas have been having leaks.</li> <li>It was suggested by a resident that gas lines between the meters and homes need to have a qualified plumber put in a "loop" to add flexibility.</li> <li>Peter Gottschalk suggested that some properties may be able to use bottled gas.</li> </ul> | Ongoing              |
| Water: Seaview Neighborhood                                | Cal Water                        | <ul style="list-style-type: none"> <li>Cal Water is working on above-ground piping design in areas that have not been moved above ground already; this includes Admirable. Augie Baeza is working with Cal Water's engineers to prepare a map for this group and the Seaview association by the end of this week or early next week.</li> <li>Cal Water is prioritizing design and construction for properties that have had multiple breaks.</li> <li>Cal Water is focusing on the water mains.</li> </ul>  | TBD                  |
| Water: Portuguese Bend Community Association               | Cal Water                        | <ul style="list-style-type: none"> <li>Cal Water is pressure testing the new pipe in the Vanderlip area today. They will take samples this week. After the water quality test results return in the correct range, the tie-in will be performed.</li> </ul>  | TBD                  |
| Water: Portuguese Bend Beach Club                          | Cal Water                        | <ul style="list-style-type: none"> <li>No updates.</li> </ul>  | TBD                  |

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|---|---------------------------------------|--|----------------------|
| <b>CITY</b>   |                                       |  |                      |
| Portuguese Bend Landslide EIR, Final Engineering, and E1/E2     | City                                  | <p>E1/E2 Project</p> <ul style="list-style-type: none"> <li>• Drilling for the first test bore hole started yesterday at the E1-1 location. Drilling will continue.</li> <li>• The second bore hole drilling should start on 6/17/2024.</li> <li>• The E1 bore holes are being drilled first.</li> <li>• The City will coordinate with PBCA prior to beginning the E2 test bore holes due to access (Peppertree or other access). Impacts to the community will be minimized.</li> </ul> <p>Final Engineering</p> <ul style="list-style-type: none"> <li>• The City continues to work on the EIR responses and final design.</li> <li>• The City is coordinating with FEMA on the BRIC grant application.</li> </ul> | October 2024         |
| PVDS at Peppertree Drainage                                     | City                                  | <ul style="list-style-type: none"> <li>• No updates.</li> </ul>  | TBD                  |
| GPS Surveying of Landslide Movement                             | City                                  | <ul style="list-style-type: none"> <li>• The City received the May survey report and is reviewing it.</li> <li>• See the Geotechnical updates above.</li> <li>• Readings are being taken monthly, based on weather and other conditions.</li> </ul>  | Ongoing              |
| PVDS Roadway Repairs  | City                                  | <ul style="list-style-type: none"> <li>• More repairs are scheduled for 6/17/2024.</li> <li>• At the 6/18/2024 City Council meeting, City staff will ask City Council to ban motorcycles and bicycles from the landslide areas due to unsafe conditions.</li> <li>• Mike Phipps reported that normal size vehicles do not contribute to land movement along PVDS; it is inconsequential.</li> <li>• Marianne Hunter suggested that the City look at the vibration factor of trucks according to Dr. Bob Douglas from USC.</li> </ul>   | Ongoing              |
| Crack-Filling in Seaview Neighborhood                           | City                                  | <ul style="list-style-type: none"> <li>• The City is filling cracks and the graben areas.</li> <li>• The City is looking into materials that are more flexible.</li> </ul>   | Ongoing              |
| <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>• On 6/13/2024 and 6/14/2024, the Narcissa gate will be closed for asphalt removal and replacement with CMB.</li> <li>• The Lower Narcissa curve will be open only to those residents near it.</li> <li>• The hay bale barriers are not working due to people driving through them.</li> <li>• CMB is being used for road repairs throughout PBCA.</li> </ul>   | Ongoing              |
| KCLAD Dewatering Wells  | KCLAD                                 | <ul style="list-style-type: none"> <li>• Received a bid for a 160' deep well. KCLAD needs a geologist to help monitor it.</li> <li>• On 6/8/2024, a drainpipe broke but repairs were quickly made. Iron oxide was detected but was flushed.</li> </ul>   | Ongoing              |

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|---|--|--|----------------------|
|   |  | <ul style="list-style-type: none"> <li>The water table readings are the same as before the break.</li> </ul>   |                      |
| Klondike Canyon Fissures                        | KCLAD & City                                   | <ul style="list-style-type: none"> <li>KCLAD is working with Ramzi and Juan for plastic tarp removals, as well as discussing using the sandbags to pool water and then conveying the water to the 16" pipe to PVDS.</li> <li>KCLAD will schedule a field meeting with contractor for grading, swales, fissure filling, etc. to determine design and approach.</li> <li>Access to the top of the slide is behind a locked gate, so KCLAD will coordinate with the City for access.</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>Met with homeowner for 48" pipe under their house/deck.</li> <li>Houses at the beach are suffering significant damage.</li> </ul>   | TBD                  |
| ACLAD Dewatering Wells                          | ACLAD  | <ul style="list-style-type: none"> <li>Currently have four sheared wells.</li> <li>Looking into alternate pumps to replace the deep well pumps in those wells.</li> </ul>  | Ongoing              |
| General Maintenance                             | ACLAD  | <ul style="list-style-type: none"> <li>No updates.</li> </ul>  | Ongoing              |
| Top of Slide Area and Kelvin Canyon Spring      | ACLAD & City                                   | <ul style="list-style-type: none"> <li>The Kelvin Canyon drain to Vanderlip drive is finished. ACLAD still needs to finish line down to well #15 and plumb the sump pump.</li> </ul>   | TBD                  |
| Altamira Canyon Lining                          | ACLAD, RPV, and LACPW (Flood Control District) | <ul style="list-style-type: none"> <li>No updates.</li> </ul>  | TBD                  |