

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

Date/Time: December 20, 2023, 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; Jesse Villalpando; Brandy Forbes; Megan Barnes; Katie Lozano; Mike Phipps, Consultant Geologist, Community Development Department; 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

**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)

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

**Los Angeles County Public Works** (LACPW): Robert Swartz

**Los Angeles County Sanitation District** (LACSD): Kevin Kim, Daniel Kim

**City of Rolling Hills:** David Ready, Christian Horvath, Karina Banales (City Manager)

**Rolling Hills Community Association:** Kristen Raig

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

Additional Community Attendees: Bob Locke, Karen Miller, Kathryn Bishop, Kathy Snell, Marianne Hunter, Nikki Noushkar, Peter Gottschalk, Peter Shaw, Sha

(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."*

Notes: In the table below, any action items are in red.

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<b>Item</b>	<b>Presenter(s)</b>
<b>DISCUSSION ITEMS</b>	
<p><b>Los Angeles County Disaster Management AREA G</b></p> <ul style="list-style-type: none"> <li>The County, City, and South Bay has been keeping updated on the current weather forecasts. Expected rain in the next few days shows heavy rain 12/20/2023 and 12/21/2023 (2-5" on coast and in valleys), then will dissipate. There are also wind and flash flood risks.</li> <li>Messaging has been coordinated and communications systems are ready in case it is needed.</li> <li>Brandy Villanueva and Jesse Villalpando are continuing the contingency planning.</li> <li>Brandy is available 24/7. The <u>City</u> may reach out to her as needed.</li> <li>If community members “see something, say something” by reaching out to Ara or Ramzi. If it is immediately life-threatening, please call 9-1-1.</li> <li>“Alert South Bay” (Area G) is an emergency alert and warning system. The City urges the public to register for alerts through Alert South Bay. A system test will be conducted on 1/9/2024.</li> </ul>	Brandy Villanueva Jesse Villalpando
<p><b>Geotechnical Updates</b></p> <ul style="list-style-type: none"> <li>Considering NSAR as a new technology for surveys in lieu of or in addition to the current GPS surveys. The City will get some estimates. The City and HCS is scheduling a meeting with NSAR to discuss the technology more.</li> <li>Mike Phipps requested that the old hard-copy maps be digitized.</li> <li>Ara Mihranian asked Mike Phipps if there are certain areas that should be prioritized. Mike stated that the east boundary of Abalone Cove is priority and some of the roads have become potentially dangerous.</li> <li>Abalone Cove showed stability (no movement) 20 years ago when the groundwater extraction wells were pumping 250,000 to 300,000 gallons per day. The current well capacity needs to be assessed. Ground water is down to the levels they were at in the 1990s.</li> </ul>	Ramzi Awwad Mike Phipps Scott Kerwin
<p><b>Updates on Current, Short-Term, and Long-Term Mitigation Projects</b></p> <ul style="list-style-type: none"> <li>Refer to the spreadsheet “RPV_Landslide_Complex_Working_Group_Project_Tracking.xlsx”</li> </ul>	Ara Mihranian Ramzi Awwad
<p><b>Coordination with the City of Rolling Hills</b></p> <ul style="list-style-type: none"> <li>No updates this week.</li> </ul>	Ara Mihranian Karina Banales
<p><b>General Comments/Questions</b></p> <p>The City offices are closed the last week in December 2023. City leaders are on standby and watching the weather closely during that time. Reach out to Ara Mihranian as needed.</p>	Working Group
<b>NEXT MEETING</b>	
<ul style="list-style-type: none"> <li>Weekly Status Meeting: Occurs every Wednesday at 3:00 pm PST. Next meeting is 1/3/2024.</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="http://RPV Landslide Complex Working Group   Rancho Palos Verdes, CA - Official Website (rpvca.gov)">RPV Landslide Complex Working Group   Rancho Palos Verdes, CA - Official Website (rpvca.gov)</a>.</li> </ul>	Ara Mihranian Jayme Fairfield

## Project Tracker for RPV Landslide Complex Working Group

Project Name	Project Description	Type	Area of Work	Responsible Agency
Road Repairs in Seaview Neighborhood	Repairs to minimize water infiltration in the Seaview neighborhood	Roadway Repairs	Residential	City (RPV)
Declaration of Local Emergency	Updates and guidance on local state of emergency	Landslide Mitigation	Portuguese Bend Landslide Complex	City (RPV)
Landslide Movement GPS Surveying	Regular GPS surveying of landslide monitoring points and reporting of data	Landslide Mitigation	Portuguese Bend Landslide Complex	City (RPV)
Portuguese Bend Landslide EIR and Final Engineering	Finalize EIR and complete final engineering for the Portuguese Bend Landslide Project	Landslide Mitigation	Portuguese Bend Landslide Complex	City (RPV)
Public Outreach for Trails Conditions	Notify Residents of Hiking Trail Conditions	Recreation	Nature Preserve	City (RPV)
Drainage Pipe at PVDS and Peppertree	Upgrading drainage pipe at PVDS and Peppertree (This project will be partially funded by the FEMA LPDM grant when awarded)	Landslide Mitigation	PVDS at Peppertree	City (RPV)
PVDS Sewer Trunk Line	Maintenance of the LA County Sanitation Districts sewer lines on PVDS	Utility	PVDS	Los Angeles County Sanitation District (LACSD)

PBCA Sanitary Sewers	Inspect the below-ground sanitary sewer lines in the Portugese Bend Community	Utility	Portuguese Bend Community	Los Angeles County Public Works (LACPW)
Leaning SCE Poles	Repair Leaning Power Poles	Utility	Seaview Area and Preserve	Southern California Edison (SCE)
Gas Lines Throughout Landslide Area	Conduct inspections, repairs, and enhancements to gas lines in all SoCal Gas service areas within the landslide	Landslide Mitigation	Portuguese Bend Landslide Complex	Southern California Gas Company (SoCal Gas)
Temporary Above Ground Water Main Relocation at Dauntless/Exultant	Install new above-ground temporary water main line	Utility	Seaview Area	Cal Water

Long-Term Above-Ground Pipe Protection	Develop and implement a plan to protect the new above-ground pipes, including water and other above-ground utilities	Utility	Seaview and other areas that require above-ground piping	City (RPV)
Above Ground Water Main Relocation on Narcissa	Install new above-ground temporary water main line	Utility	Portuguese Bend Community Association	Cal Water
Klondike Canyon Culvert Under PVDS	Pipe and culvert assessment and repairs	Landslide Mitigation	Klondike Canyon Landslide Abatement District (KCLAD)	KCLAD
KCLAD Surface Drainage North of PVDS and Below Admirable Dr to Klondike Canyon	Install a new pipe along PVDS to drain the hillside at the bottom of Admirable Dr to Klondike Canyon, and discharge the water to the ocean	Landslide Mitigation	PVDS	KCLAD
Install Dewatering Well in Klondike Canyon Landslide Abatement District	Install new dewatering wells in KCLAD	Landslide Mitigation	Klondike Canyon Landslide Abatement District (KCLAD)	KCLAD

Klondike Canyon Fissure Repair	Fill and/or repair the fissures at the top of Klondike Canyon	Landslide Mitigation	Klondike Canyon Landslide Abatement District (KCLAD)	KCLAD
ACLAD Activities	Well maintenance, water table measurements, and system water production	Landslide Mitigation	Abalone Cove Landslide Abatement District (ACLAD)	ACLAD
Four RPV Wells South of PVDS	Drill Four RPV Replacement Wells South of PVDS	Landslide Mitigation	Seaward/PVDS in Abalone Cove	ACLAD, RPV
PVDS Culvert Repair	Repair landslide damaged cracks	Landslide Mitigation	PVDS and Altamira Canyon	ACLAD, RPV
Altamira Canyon Lining	Line Altamira Canyon to keep surface flow from entering the ground	Landslide Mitigation	Altamira Canyon	ACLAD, RPV, and LA County

Last Updated

1/8/2024

Status (rows can be expanded for earlier dated notes)	Timeline
12/13/2023: - The City and its consultants will continue to regularly inspect the roadways for new damage and schedule repairs as needed.	Ongoing
12/20/2023: - The City staff, geologist, and other presented to the City Council last night on 12/19/2023. - The City Council voted to extend the local declaration for another 60 days. - The City Council requested more information from City staff.	Ongoing
12/13/2023: - The City will publish the October 2023 surveys by the end of December 2023. - The City is looking into conducting another monitoring survey in January 2024, as well as increasing the frequency of surveys.	Ongoing
12/13/2023: - This project is ongoing; no new updates.	8/31/2025
12/20/2023: - Almost 8 miles of trails are currently closed. - Olmstead Trail has a concerning fissure. Gordon Leon suggests that the fissure be tarped and sand bagged.	Ongoing
12/6/2023: - The City is preparing a response to the RFI from CalOES and FEMA, and it coordinating with the Land Conservancy for information on native habitat.	TBD
11/29/2023:	
12/13/2023: - The permit was issued to install the guardrail. - A public notice will go out at least 48 hours prior to construction.	11/17/2023

<p>12/20/2023:</p> <ul style="list-style-type: none"> <li>- Juan Hernandez from the City has been in touch with Claudia Gutierrez as he inspects each area.</li> </ul>	TBD
<p>12/20/2023:</p> <ul style="list-style-type: none"> <li>- SCE has trimmed a tree at 4354 Exultant. Property owner Nikki Noushkan reported that SCE stated they would be there by 12/21/2023 to fix the pole, but they have not been present or completed any work.</li> <li>- Ramiro De La Cruz from Frontier Communication will follow up with SCE on both leaning poles in the Seaview Neighborhood and report back at the next meeting.</li> </ul>	Ongoing
<p>12/20/2023:</p> <ul style="list-style-type: none"> <li>- The City is treating the reports of a gas lead as an emergency.</li> <li>- Ben Steinberger from SoCal Gas will look into a formal process for responding to reports/calls. The City and SoCal Gas will work together on this process/plan.</li> <li>- A smell of gas was reported at 2:00 pm today. The City was told that someone from SoCal Gas would respond within 4 hours.</li> <li>- SoCal Gas is still working on plans for the above-ground pipe on Narcissa (Phase 2).</li> <li>- SoCal Gas does not have any technology to detect leads. They are currently relying on annual and quarterly (in land movement area) inspections. They also rely on the public to report any issues.</li> <li>- Peter Gottschalk suggested EFVs for detection. Ben Steinberger state that <del>he will get a better, more thorough answer to Peter's question</del></li> </ul>	Ongoing
<p>12/20/2023:</p> <ul style="list-style-type: none"> <li>- The main on Dauntless and Exultant (Phase 1) is in service. The City is still looking at reinforcement at the corner.</li> <li>- Installation is completed for the line on Admirable (Phase 2). Pressure tests and water sampling is currently being conducted.</li> <li>- The materials for the Exultant line have arrived and construction will be scheduled.</li> </ul>	Ongoing

<p>12/13/2023:</p> <ul style="list-style-type: none"> <li>- Kit Song reported that there have been cars ignoring the road closure area at the intersection of Dauntless and Exultant (that is roped off). The new aboveground water main could be jeopardized.</li> <li>- It was suggested that a plan be developed to protect the pipe.</li> <li>- The City responded/reported that the traffic control barriers in place are compliant with California guidelines. The City will look into further actions to get the public to comply with the road closure and traffic control measures.</li> <li>- It is the City's intention to reopen the road/intersection when land movement and public safety are in alignment.</li> </ul>	TBD
<p>12/20/2023:</p> <ul style="list-style-type: none"> <li>- Cal Water is still waiting on the materials to arrive; 5-7 weeks was expected from the time it was ordered in early December.</li> <li>- For the larger project, the design is waiting on getting a geologist on contract. They are currently vetting geologists.</li> </ul>	Ongoing
<p>12/20/2023:</p> <ul style="list-style-type: none"> <li>- The culvert pipe has surface street cracks that are not serious. KCLAD will do another video inspection in approximately February 2024. The rest of the pipe is in good condition and flowing well.</li> </ul>	Ongoing
<p>12/13/2023:</p> <ul style="list-style-type: none"> <li>- Dirt removal is about 60% complete.</li> </ul> <p>12/6/2023:</p> <ul style="list-style-type: none"> <li>- For the beach club north of PVDS, the topographic survey was completed;</li> </ul>	TBD
<p>12/20/2023:</p> <ul style="list-style-type: none"> <li>- The 4" black pipe is still flowing well.</li> <li>- Well development at well #4 is going well.</li> <li>- The one-phase pump was supposed to be installed today, but was delayed due to inclement weather. It is not safe to install the wiring while it is raining.</li> <li>- Well #2 will be repaired once well #4 is up and operating.</li> </ul>	Ongoing

12/20/2023: - City crews are doing a good job with vegetation removal. Tarping and sand bagging will commence when the vegetation removal is complete.	Ongoing
12/20/2023: - Replaced the pump in well #4. - Well #15 to get a new pump. - There is iron bacteria that is bright orange in the water. ACLAD is looking for solutions to this. - Andrew Ely requested a map of the wells, including information for each well, such as depths, water levels, etc.	Ongoing
12/20/2023: - Drilling well #9 has been difficult, as the driller lost conduction with drilling fluid. Scott Kerwin confirmed that is the best location in that area for a well. If drilling is not successful, they may abandon that drill site and start drilling well #19. Well #9's site could be moved, but other identified sites are not ideal.	Feb-24
12/20/2023: - Rain has stopped the culvert work.	Dec-23
12/20/2023: - There is a large fissure in the vacant lot near Cinnamon and Narcissa. ACLAD tarped and sand bagged just before the rain started, which diverted the stormwater to the street storm drain. - Gordon Leon will ask Scott Kerwin about fissure filling in Altamira Canyon that is similar to what is being done in Klondike Canyon. - ACLAD now has the LiDAR topographic map of Altamira Canyon.	TBD