

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

Date/Time: November 15, 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; 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)

**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

**Rolling Hills Community Association:** Kristen Raig

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

Additional Community Attendees

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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>	
<b>Declaration of a Local Emergency</b> <ul style="list-style-type: none"> <li>Discussed at the 11/14/2023 City Council meeting. City Council approved to extend the declaration, ordinance, and building moratorium.</li> <li>Mike Phipps from Cotton Shires gave a presentation on recent land movement.</li> </ul>	Ara Mihranian
<b>Los Angeles County Disaster Management AREA G</b> <ul style="list-style-type: none"> <li>Funding: Can ask FEMA for additional “public assistance” for the City, such as maintenance work. This is different/separate than the FEMA BRIC grant. The start date needs to be discussed with FEMA (start of federal emergency storm declaration in early 2023 OR the City’s emergency declaration date). Jesse Villalpando should contact FEMA to discuss or set up a separate meeting. Funding needs to correspond with the emergency declaration(s).</li> <li>Individual Assistance for Residents: Brandy Villanueva is working through the process and will keep the City and group updated. (This is different from the effort for the City of Rolling Hills.) Then, the City will pass that information onto the affected residents. Brandy Villanueva has information for AirBNB and the Salvation Army.</li> <li>Jesse Villalpando has been working with City staff, Red Cross, Salvation Army, and utilities on contingency planning and funding.</li> </ul>	Brandy Villanueva Jesse Villalpando
<b>Preserve Conditions</b> <ul style="list-style-type: none"> <li>Portions of the trails that were open have been closed due to rockslides. Please refer to the trails map on the City’s website for up-to-date trail conditions and closures.</li> <li>The City is working with the City’s attorney and other staff on Preserve and trail signage. This signage will include information on how the public can report issues in the Preserve and on the trails.</li> <li>Additional fissures have been observed in/along all trails, and the City is observing them closely and may need to close more trails. It is critical that the public adhere to all trail closures due to public safety.</li> </ul>	Dan Trautner Cory Linder Ara Mihranian
<b>Updates on Current, Short-Term, and Long-Term Mitigation Projects</b> <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
<b>General Comments/Questions</b> <ul style="list-style-type: none"> <li>The City is getting questions about the landslide(s): <ul style="list-style-type: none"> <li>Ramzi Awwad explained that each of the three landslides have distinct characteristics. Different mitigations will work in the different landslides; therefore, different approaches need to be implemented for the different landslides, including dewatering wells and their placement. The studies and data have determined what mitigations and the placement of the mitigations for best value and outcomes.</li> <li>The City of Rancho Palos Verdes is working to implement mitigations for the Portuguese Bend Landslide; this is the project area that was awarded the FEMA BRIC funding. Immediate temporary measures within the FEMA project boundary must not interfere with the project as proposed. Gaining environmental clearance as quickly as possible is critical to this project.</li> </ul> </li> </ul>	Working Group

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<ul style="list-style-type: none"> <li>• Pipe Drainage under PVDS at Klondike: The City reviewed the plans and inspected the pipe. There are no obstructions.</li> </ul>	
<b>Other Items</b> <ul style="list-style-type: none"> <li>• Ara Mihranian to summarize the City Council meeting of 11/14/2023 regarding working group progress.</li> </ul>	Jayme Fairfield
<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 11/22/2023.</li> <li>• Regular Meeting Format: Moving forward, 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> </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 implemented to minimize water infiltration	Roadway Repairs	Residential	City (RPV)
Declaration of Local Emergency	City declared local state of emergency	Landslide Mitigation	Portuguese Bend Landslide Complex	City (RPV)
Perform Ongoing Landslide Monitoring	Regular GPS survey of landslide monitoring points and reporting of data; update map with new survey locations	Landslide Mitigation	Portuguese Bend Landslide Complex	City (RPV)
Finalize/Certify the Portuguese Bend Landslide EIR and Perform Final Engineering	Finalize EIR, City Council to certify EIR, and conduct final engineering	Landslide Mitigation	Portuguese Bend Landslide Complex	City (RPV)
Conduct Public Outreach for Trails Conditions	Notify Residents of Hiking Trail Conditions	Recreation	Nature Preserve	City (RPV)

Issue Permit for Guard Rail Construction to Support Sewer	Guard rail project to protect sewer lines	Utility	PVDS	Los Angeles County Sanitation District (LACSD)
Inspect and Repair Seaview Sewer Lines	Inspect and repair damages to the sewer lines in the Seaview Neighborhood	Utility	Seaview Area	Los Angeles County Public Works (LACPW)
Leaning SCE Poles	Fix Leaning Power Poles	Utility	Seaview Area and Preserve	Southern California Edison (SCE)
Maintain Gas Lines Throughout Landslide Area	Conduct inspections, repairs, and enhancements to gas lines in all SoCal Gas service areas within the landslide areas	Landslide Mitigation	Portuguese Bend Landslide Complex	Southern California Gas Company (SoCal Gas)
Install Temporary Water Main Relocation at Dauntless/Exultant	Install new above-ground temporary water main line	Utility	Seaview Area	Cal Water

Install above-ground main on Narcissa	Install new above-ground temporary water main line	Utility	Portuguese Bend Community Association	Cal Water
Replace main in PBC	Replace and relocate main	Utility	Portuguese Bend Beach Club	Cal Water
Install leak detection sensors and pressure monitors	Install water leak sensors in Portuguese Bend Community Association, Seaview, and Portuguese Bend Beach Club	Utility	Portuguese Bend Community Association, Seaview, and Portuguese Bend Beach Club	Cal Water
Assess Klondike Canyon Pipe and Culvert	Pipe and culvert assessment and recommendations	Landslide Mitigation	Klondike Canyon Landslide Abatement District (KCLAD)	KCLAD
Install Dewatering Well in Klondike Canyon Landslide Abatement District	Install new dewatering well in Seaview Area (at Exultant and Dauntless)	Landslide Mitigation	Klondike Canyon Landslide Abatement District (KCLAD)	KCLAD

Ongoing ACLAD Activities	Well maintenance, water table measurements, and system water production	Landslide Mitigation	Abalone Cove Landslide Abatement District (ACLAD)	ACLAD
Drill Four RPV Replacement 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 (expansion cracks in the joints) 120" culvert under PVDS	Landslide Mitigation	PVDS and Altamira Canyon	ACLAD, RPV
Altamira Canyon Lining	Line Altamira Canyon fissures to keep surface flow from entering the landslide slipplane	Landslide Mitigation	Altamira Canyon	ACLAD, RPV, and LA County

Last Updated

11/27/2023

Status (rows can be expanded for earlier dated notes)	Timeline
<p>11/15/2023:</p> <ul style="list-style-type: none"><li>- The City filled cracks; layed tarps and sand bags where appropriate; and is filling fissues on trails. This work is ongoing for the forseeable future.</li><li>- The City does not have legal authority to do work on private property, such as fissure filling. The City will put residents on notice as needed. Additional tarps and sand bags are available for the community and individual residents.</li></ul>	Ongoing
<p>11/15/2023:</p> <ul style="list-style-type: none"><li>- The local emergency declaration discussed at the 11/14/2023 City Council meeting. City Council approved to extend the declaration, ordinance, and building moratorium.</li><li>- Mike Phipps from Cotton Shires gave a presentation on recent land movement.</li></ul>	Ongoing
<p>11/15/2023:</p> <ul style="list-style-type: none"><li>- The October 2023 survey report will be available soon and it will provided to this group and on the City's website.</li></ul>	Ongoing
<p>11/15/2023:</p> <ul style="list-style-type: none"><li>- Land surveying is being scheduled.</li><li>- It is critical that the EIR be finalized and certified as quickly as possible.</li></ul>	8/31/2025
<p>11/15/2023:</p> <ul style="list-style-type: none"><li>- Portions of the trails that were open have been closed due to rockslides. Please refer to the trails map on the City's website for up-to-date trail conditions and closures.</li><li>- The City is working with the City's attorney and other staff on Preserve and trail signage. This signage will include information on how the public can report issues in the Preserve and on the trails.</li><li>- Additional fissures have been observed in/along all trails, and the City is observing them closely and may need to close more trails. It is critical that the public adhere to all trail closures due to public safety.</li></ul>	Ongoing

11/15/2023: - The HCS Team has provided comments; the plans will be updated and the the permit request submitted to the City.	11/17/2023
11/15/2023: - The lines were inspected at the slide's edge and at the repair up top. - Ramzi Awwad requested that LACPW perform another CCTV inspection very soon. Robert Swartz stated that he will get the inspection scheduled. The inspection data will be made available to the City. The extent of the inspection will be left to LACPW; the City suggested manhole to manhole. Ramzi Awwad will send Robert Swartz current condition photos.	Completed
11/15/2023: - A meeting has been scheduled for 11/17/2023. A SCE field tech will be present and is equipped to perform work. Frontier Communications has committed to being present at this meeting. - SCE is working on the plan for removing the 39-40 inactive poles and guide wires at Burma Trail.	Ongoing
11/15/2023: - SoCal Gas planning team is still working on plans.	Ongoing
11/8/2023:	
11/15/2023: - Cal Water needed to order more materials to complete the project. - Cal Water expects this project to be completed in two weeks. - Cal Water to add sketches to the City permit application. - The pipes are placed on public right-of-way (including lawns), not on private property. It is not recommended that the pipes be placed in the gutters because it would block storm water flow. At the corner property (Williams) at the swing joint, the pipe cannot be move due to grading and range of the swing joint. At Matt's property, the pipe can be placed on the sidewalk; however the City would need to protect the pipe with k-rail. The City requested that Cal Water send a sketch of how this would be implemented	Ongoing

<p>11/15/2023:</p> <ul style="list-style-type: none"> <li>- Will start pipe relocation at the Clovetree location. Cal Water is close to submitting a sketch and permit request to the City.</li> </ul>	Ongoing
<p>11/8/2023:</p> <ul style="list-style-type: none"> <li>- Project is complete.</li> </ul>	Completed
<p>11/15/2023:</p> <ul style="list-style-type: none"> <li>- Angie Gilbride will be sending out the updated leak detection fact sheet.</li> </ul> <p>11/8/2023:</p> <ul style="list-style-type: none"> <li>- All 65 sensors and 6 pressure monitors have been installed.</li> <li>- Cal Water will provide an explanation of how each of the detection</li> </ul>	Completed
<p>11/15/2023:</p> <ul style="list-style-type: none"> <li>- Meeting held 11/13/2023; walked the Klondike Canyon and Beach Club landslides.</li> <li>- Klondike Storm Drain Inlet: Maintenance staff cleared the drain; additional brush clearing is needed; there is concrete damage that needs repair (shotcrete).</li> <li>- Outlet Structure at Beach: Repair is scheduled for 11/16/2023.</li> <li>- Upper Pipe: Needs clearing and repairs.</li> <li>- Beach Club Slide Repairs: RFP was issued for storm drain design with debris inlet.</li> <li>- PVDS Inlet Structure: Has been cleared and cleaned.</li> <li>- The City and HCS Team requests that KCLAD submit a permit request for work so that permitting does not hold up any project progress.</li> <li>- New Well at Beach: Will be submitting a permit application. The City committed to expeditiously processing permit(s). The City stated that KCLAD should keep track of costs for reimbursement. KCLAD stated that the biggest hurdle right now is finding well drillers. Nikki Noushkar suggested <a href="#">contacting Cross Drilling</a>.</li> </ul>	Ongoing
<p>11/15/2023:</p> <ul style="list-style-type: none"> <li>- At the 11/13/2023 site meeting, the Dauntless well was discussed and a plan was devised. Need to coordinate with other stakeholders and obtain a permit to move forward.</li> <li>- This well will be prioritized due to the recent nature of land movement.</li> </ul>	Ongoing

<p>11/15/2023:</p> <ul style="list-style-type: none"> <li>- ACLAD is troubleshooting an issue at one well.</li> <li>- Pumped an average of 167,000 gallons per day this last week--that equates to about 1,000,000 gallons per week. This volume is not keeping up with demand. Until the canyons are lined, the volume of water in wet years will remain "astronomical".</li> <li>- Will be installing sounding tubes in the wells; will start in the next month. This will help ACLAD more efficiently determine well depths.</li> <li>- Gordon Leon will provide data to this group.</li> </ul>	Ongoing
<p>11/15/2023:</p> <ul style="list-style-type: none"> <li>- Have a well driller on board.</li> <li>- Coordinating with the Land Conservancy on vegetation removal.</li> </ul>	Feb-24
<p>11/15/2023:</p> <ul style="list-style-type: none"> <li>- Will be purchasing construction materials this week.</li> </ul>	Dec-23
<p>11/15/2023:</p> <ul style="list-style-type: none"> <li>- Ongoing</li> </ul>	TBD