



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

Date/Time: November 1, 2023, 3:00 pm to 4:30 pm PST

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

Attendees: (Those in attendance are in bold)

Ara Mihranian, City of Rancho Palos Verdes, City Manager
Ramzi Awwad, City of Rancho Palos Verdes, Director of Public Works
Sam Hout, Hout Construction Services, Program Manager
Jayme Fairfield, Hout Construction Services, Document Control Manager
Kit Song, Seaview HOA
Rayne Sherman, Seaview HOA (Alternate)
Kent Attridge, PBCA
Claudia Gutierrez, PBCA (Alternate)
Michael Barth, Portuguese Bend Club HOA
Andrew Ely, Portuguese Bend Club HOA
Eric Johnson, Portuguese Bend Club HOA
Steve Cummins, KCLAD
Gordon Leon, ACLAD
Scott Kerwin, ACLAD and KCLAD Geologist
Carmelo Sorce, Cal Water
Ralph Felix, Cal Water
Augie Beaza, Cal Water
Angie Gilbride, Cal Water
Kevin McCusker, Cal Water
Ronald Sorensen, Cal Water
Ben Steinberger, SoCal Gas
Holly Essler, Southern California Edison
Mudila Kangulungu, Southern California Edison
Celina Luna, Southern California Edison (Alternate)
Robert Swartz, Los Angeles County Public Works
Kevin Kim, Los Angeles County Sanitation District
Daniel Kim, Los Angeles County Sanitation District
Mike Phipps, Consultant Geologist, Community Development Department
David Ready, City of Rolling Hills
Christian Horvath, City of Rolling Hills
Kristen Raig, Rolling Hills Community Association
Cory Linder, City of Rancho Palos Verdes
Elena Gerli, City of Rancho Palos Verdes
Katie Lozano, City of Rancho Palos Verdes
Brandy Forbes, City of Rancho Palos Verdes
Megan Barnes, City of Rancho Palos Verdes
Daniel Trautner, City of Rancho Palos Verdes
Jesse Villalpando, City of Rancho Palos Verdes
Nikki Noushkar, Seaview Resident
Kathryn Bishop
Max Barth
Ben Steinberger
John Spillman
Brandy Villanueva, Los Angeles County Disaster Management Area G

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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.

Item	Presenter(s)
DISCUSSION ITEMS	
<p>Declaration of a Local Emergency</p> <ul style="list-style-type: none"> • City Council will discuss an extension at the November 14, 2023, City Council Meeting. City staff will be asking City Council to extend the resolution and ordinance, and will also be giving an update to City Council on what this working group has been up to since formed. The staff report will go out one week prior to the City Council meeting. • The local emergency resolution needs to go the City Council for extension every 60 days. Consecutive resolution, without expiration, is important for funding. • HCD approval pending to validate implementation of the Council-adopted Urgency Ordinance that establishes a building moratorium within the landslide boundary limits. 	Ara Mihranian
<p>Los Angeles County Disaster Management AREA G</p> <ul style="list-style-type: none"> • Introduction to Brandy Villanueva, Emergency Manager • The local emergency proclamation is an opportunity for the City to request resources locally; LA County could reach out to the State, if needed. • All proclamations start “local”, and end “local”. • Los Angeles County and State representatives are very aware of the current situation in Rancho Palos Verdes. • Reimbursement opportunities for City, ACLAD, and KCLAD: <ul style="list-style-type: none"> ◦ This is a reimbursement program. ◦ Any pre-disaster mitigations would be covered under the “B” designation. ◦ Brandy is coordinating with various authorities for “public assistance” opportunities. All jurisdictions should be keeping track of all expenses. ◦ Currently, residents are not eligible for funding at this time; but that is being looked into, such as AirBNBs for residents that need to relocate. ◦ KCLAD, ACLAD, or special districts would have the City roll their damages and expenses into the City’s submittal. ◦ A separate meeting can be held with the City, Brandy, CalOES, and FEMA to discuss the timing on when the assistance would “start”, as well as other details/parameters. BUT, this program is separate from any state or federal agency funding, and Brandy cannot speak to state or federal processes. • Contingency planning: what are the impacts, who is impacted, and what does the contingency plan look like? Brandy will work with the City (separate from this weekly call) to develop a plan. “The better prepared we are, the better we respond.” <ul style="list-style-type: none"> ◦ Utilities ◦ Roadways/Access • LA County OEM Recovery Team: The goal is to provide resources to residents, help them start to plan next steps, and provide local assistance. Brandy keeps the OEM team abreast of the current situation at all times. • The City’s Emergency Preparedness Coordinator is Jesse Villalpando. 	Brandy Villanueva

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Item	Presenter(s)
Preserve Conditions <ul style="list-style-type: none"> • Fissure filling protocol: The City received additional instruction from geologists from Cotton Shires. Placing large quantities of weight in a fissure is not recommended; however, each fissure should be looked at separately on a case-by-case basis to add stability to the area. . Any fissure filling will not allow reopening of trails. • Larry Paul in Seaview Neighborhood made the City aware of a 1980s study that recommended adding drainage behind the homes. The City will discuss this with Program Manager HCS. 	Cory Linder Daniel Trautner Ara Mihranian Ramzi Awwad
Updates on Current, Short-Term, and Long-Term Mitigation Projects <ul style="list-style-type: none"> • Refer to the spreadsheet “RPV_Landslide_Complex_Working_Group_Project_Tracking.xlsx” 	Ara Mihranian Ramzi Awwad
General Comments/Questions <ul style="list-style-type: none"> • Question: Is the landslide area expanding or not? The City is installing additional monitoring points to establish data to answer this question. City Council has authorized this work. • Where is the excess water in the Preserve coming from? Last winter’s rainfall has reached the ground water and could be what we’re seeing now. • Are Rolling Hills septic tanks adding to ground water? A report will be coming out that will address septic tanks and water quality from Rolling Hills. 	Working Group
Other Items <ul style="list-style-type: none"> • None this week. 	Jayme Fairfield
NEXT MEETING	
<ul style="list-style-type: none"> • Weekly Status Meeting: Occurs every Wednesday at 3:00 pm PST. Next meeting is 11/8/2023. • Regular Meeting Format: In-person and virtual options; in person at City Hall in the Community Room, or virtual by Teams. For a Teams link, please email Jayme Fairfield at jfairfield@houtconstruction.com. 	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)
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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)
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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)
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Leaning SCE Poles	Fix Leaning Power Poles	Utility	Seaview Area and Preserve	Southern California Edison (SCE)
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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
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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
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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

11/15/2023

Status	Timeline
<p>11/8/2023:</p> <ul style="list-style-type: none">- Will begin to fill cracks starting 11/10/2023, including on Exultant.- Look at a better plan for road closure at intersection of Exultant/Dauntless while allowing access to driveways/homes at/near that intersection.- Repairs at PVDS may into early next week.	Ongoing
<p>11/1/2023:</p>	
<p>11/8/2023:</p> <ul style="list-style-type: none">- Item going to City County 11/14/2023. The City Council meeting agenda and staff report is posted on the City's website (this will be the third of three "agenda items"). The Staff Report includes a summarized version of the project tracking spreadsheet. No specific actions are being requested of City Council right now.	Ongoing
<p>10/25/2023:</p> <ul style="list-style-type: none">- Currently active- Must be reviewed and extended every 60 days by City Council	

<p>11/8/2023:</p> <ul style="list-style-type: none"> - The October draft report was submitted to the City; the City is reviewing the report and will post it on the City website. This will include the overall trend of land movement. The City's Program Manager HCS is preparing illustrations of historic land movement; estimated release is February 2024. - An updated map is posted on the City's website, as well as in the 11/14/2023 City Council Agenda Staff Report. - City staff may be requesting City Council to authorize additional monitoring points. <p>11/3/2023:</p> <ul style="list-style-type: none"> - The latest McGee survey report was submitted to the City on 10/29/2023. <p>10/25/2023:</p> <ul style="list-style-type: none"> - City Council approved a one-year program for monitoring in August 2023. - 12 new monitoring points have been installed. - Latest survey performed by McGee was completed week of 10/9/23; the report will be ready in about 1.5 weeks and will be provided to the working group. - HCS Team is preparing HEAT maps for the past 17 years that will show rate of movement/acceleration; these will be posted to the City's website when complete; estimated completion is February 2024. - The monitoring locations map will be updated as needed when new monitoring points are added or removed; this is an ongoing task. 	Ongoing
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<p>11/8/2023:</p> <ul style="list-style-type: none"> - Land surveying is next step; a public notice will be issued. <p>11/1/2023:</p> <ul style="list-style-type: none"> - Land surveying is starting in the coming weeks; a public notice will be issued. - Discussing short-term measures to mitigate expected rainy season. - Certification of the EIR and plans is expected in October 2024, which is an aggressive schedule. - Permit process will proceed with final engineering. - Routine maintenance is allowed and will not affect the FEMA BRIC grant funding. <p>10/25/2023:</p> <ul style="list-style-type: none"> - City Council approved the contract for final engineering on 9/19/23 - The City had a meeting with CalOES to discuss the immediate measures that can be implemented that are not part of the FEMA BRIC project; the City's engineering consultants are identifying projects (short-term measures) outside of the project boundary 	<p>8/31/2025</p>
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<p>11/8/2023:</p> <ul style="list-style-type: none"> - Dan Trautner share the preserve map that shows the most ground movement in the Preserve. - Barn Owl and Burma current have the most movement. (Observations from rangers; exact data is not reported at this time.) - Toyon, Ishibashi, Verma, Water Tank, and Klondike trails connection have moderate movement. (Observations from rangers; exact data is not reported at this time.) - Trail cameras are in place and the City is doing as much enforcement as they can with the resources they have available. - Reminder: The latest landslide survey reports/data are posted on the City's website. - Cory Linder and Dan Trautner will look into measuring the fissure widths and report back to this group at next week's meeting. <p>10/25/2023:</p> <ul style="list-style-type: none"> - City posted trails map on website, updated as of 10/18/23 	Ongoing
<p>11/8/2023:</p> <ul style="list-style-type: none"> - LACSD is the owner, operator, and maintainer of above-ground sewer lines along PVDS. - The City is reviewing LACSD's plans and will issue a permit upon approval. <p>11/1/2023:</p> <ul style="list-style-type: none"> - The City received guard rail plans from LACSD. - The City will review the plans and issue a work permit. 	11/17/2023
<p>10/25/2023:</p> <ul style="list-style-type: none"> - First task is to issue permit for modifications in the PVDS ski jump area; will then review, make recommendations or recommend the permit be issued - HCS/City/LACSD meeting scheduled for Wednesday, 10/25/23 - LACSD to let the working group know when they expect to completed project construction 	

<p>11/8/2023:</p> <ul style="list-style-type: none">- LACPW work was completed and the contractor is no longer on site. <p>10/25/2023:</p> <ul style="list-style-type: none">- Repairs to the sewer lines on Admirable are completed- LACPW will perform post-construction CCTV inspecction and provide a report to the City- Exultant and Dauntless were also inspected; no leaks or damage was found- LACPW is not responsible for laterals; if a homeowner wants to have their sewer laterals inspected, any certified plumber who performs CCTV inspections can conduct the inspection; if a homeowner has their lateral "lined", they should acquire a permit from the City	<p>Completed</p>
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<p>11/8/2023:</p> <ul style="list-style-type: none"> - SCE is starting plans to remove the deactivated poles in the Preserve. SCE will need to coordinate with other utility owners with lines on these poles. - The active pole in Nikki Noushkan's yard needs to be repaired; SCE has reached out to Nikki to access her property. <p>11/1/2023:</p> <ul style="list-style-type: none"> - Frontier equipment is sharing the pole and is adding weight. - Ara Mihranian will schedule a site meeting with Nikki Noushkan, SCE, and Frontier. - Mudila Kangulunga confirmed for a second time that the poles/lines in the Preserve area are deactivated. - SCE to provide specific date for repairing the leaning pole(s). <p>10/25/2023:</p> <ul style="list-style-type: none"> - Field visit occurred on 10/20/23. - At the 10/25/2023 meeting, Holly Essler stated that Nikki Noushkan was not available to grant access to her property with the leaning pole; it appears that the guy wire/anchor structure is not adequate to support the pole; Ara Mihranian will speak to Nikki about gaining access so that the issue can be remedied; Kit Song can help reach Nikki, if needed. - Also at 10/25/2023 meeting, Ara Mihranian asked about a second leaning power pole; Holly stated that a pole was reported leaning on Burma Trail. Holly reported that SCE is aware of the leaning pole(s). - For any other leaning or damaged poles, please let SCE know the pole identification number; if the identification number is missing, get the numbers from the pole previous and post to the pole in question. 	Ongoing
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<p>11/8/2023:</p> <ul style="list-style-type: none"> - SoCal Gas planning team is working on plan for Narcissa. Ben Steinberger will reach out the HOA when the plans are ready. <p>11/1/2023:</p> <ul style="list-style-type: none"> - Internal SoCal Gas team is planning repairs, and will report their progress to the working group at scheduled meetings. <p>10/25/2023:</p> <ul style="list-style-type: none"> - Working on enhancements in PBCA. - Adding above-ground gas lines; Ben Steinberger will provide more info. - SoCal Gas inspects their lines in this area quarterly, which is more frequent than usual. - Work is planned on Narcissa, including above-ground lines. 	Ongoing
<p>11/8/2023:</p> <ul style="list-style-type: none"> - Project started this week at the east end. Will be completed in roughly two weeks. - This project does not include the work on Admirable. <p>11/1/2023:</p> <ul style="list-style-type: none"> - A field meeting was held on 11/1/2023; approximately 30 residents attended the project walk through with Cal Water, City, and HCS team members; Cal Water will perform individual outreach to affected residents that were not present. - The City issued a work permit to Cal Water. - Cal Water is updating the project map/drawings and will notify the City 48 hours prior to construction. - Cal Water will update the working group on the duration of construction. 	Ongoing
<p>11/8/2023:</p> <ul style="list-style-type: none"> - Currently in design phase. Cal Water is looking for a geotech. - Cal Water will install above-ground main at Clovetree and Cinnamon Lanes immediately. Cal Water is meeting with contractor this week. 	Ongoing

<p>11/8/2023:</p> <ul style="list-style-type: none"> - Project is complete. 	
<p>11/1/2023:</p> <ul style="list-style-type: none"> - Will be a one-day repair job; Cal Water will conduct door-to-door notification. 	Completed
<p>11/8/2023:</p> <ul style="list-style-type: none"> - All 65 sensors and 6 pressure monitors have been installed. - Cal Water will provide an explanation of how each of the detection methods can be understood by residents. - Leak(s) up the hill (not part of Cal Water's jurisdiction) is still leaking. Cal Water have reported leak(s) to the City. For ACLAD leaks, please contact Gordon Leon or Claudia Gutierrez. For KCLAD leaks, contact Steve Cummins. Augie Baeza to contact Ara Mihranian to further discuss this online. - Peter Shaw asked about the main water pipe that ruptured and was repaired a few months ago. A fissure was reported to the City. Cal Water stated that pipe is turned off. 	
<p>11/1/2023:</p> <ul style="list-style-type: none"> - Field technicians are still performing daily surveys, and have expanded their survey into the Rolling Hills (Flying Triangle) area. - Sensors detect small to large leaks. 	Completed
<p>10/25/2023:</p> <ul style="list-style-type: none"> - Cal Water have recently installed 25 additional leak detection sensors, for a total of 65 in the RPV area. - Cal Water has installed more pressure monitors, for a total of 6. - HCS has reviewed additionaly locations and will send a memorandum to the City. - Kent Attridge asked if the sensors detected the leak from the morning of 10/25/2023; Cal Water reported "yes" it was detected and the sensors are working; Augie Beaza reached out to Ramzi Awwad when the leak was detected; leaks are also posted to Cal Water's website (as timely as they can post); the leak was also reported to Cal Water. 	

<p>11/8/2023:</p> <ul style="list-style-type: none"> - Will be meeting with the Land Conservancy next week. - Will need to fill cracks and fissures at the slide's head. - The 4" pipe may need to be increased in size. - 68" storm drain pipe at the downhill still needs work; requesting bids. - HCS Team to schedule a separate meeting with Steve Cummins. <p>11/1/2023:</p> <ul style="list-style-type: none"> - Video inspection of existing pipe is complete. - Still have not received bid(s) for pipe cleaning. - Brush clearing is complete. - Setting up a field visit/meeting with the Land Conservancy. - Looking at potential drainage solution for behind the homes. <p>10/25/2023:</p> <ul style="list-style-type: none"> - City is assisting with the assessment and will provide a memorandum to KCLAD on 11/7/2023. - KCLAD is requesting/accepting bids for video inspection to check laterals. - 68" and 48" walking inspection; still needs brush removed (clear and grub). 	Ongoing
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<p>11/8/2023:</p> <ul style="list-style-type: none"> - Need to find new well driller. - RFPs have been issued. - At existing well(s), still pumping 100 gpm; will continue pumping. - Steve Cummins to invite City staff for the field visit. <p>11/1/2023:</p> <ul style="list-style-type: none"> - Ready for well installation: 12-inch bore, 6-inch casing, 100 feet deep, drilled within 1-2 weeks and prior to the Cal Water project. <p>10/25/2023:</p> <ul style="list-style-type: none"> - KCLAD is currently receiving bids. - KCLAD wants to get the well drilled prior to the Cal Water temporary above-ground water main construction. - HCS reviewed and provided a memorandum to the City for the dewatering well installation package; HCS would like to discuss the recommendations with KCLAD and the City. - There is an onsite meeting scheduled for 11/1/2023. - Steve Cummings stated that there is little impact to the area from the drilling rig; the drilling should take about three days; will coordinate with Cal Water so the area is only disrupted once; Ralph Felix from Cal Water will send the plans to this group for coordination purposes. - Each utility is responsible for getting utilities located, permits, and public notice for their projects. 	Ongoing
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<p>11/8/2023:</p> <p>11/1/2023:</p> <ul style="list-style-type: none"> - Performing regular well maintenance - October 2023 water volume pumped is 150,000 gallons per day <p>10/25/2023:</p> <ul style="list-style-type: none"> - Meet monthly - Well #10 repaired - Repaired wells on 10/25/2023 - Received bids for additional wells - Gordon Leon, Ramzi Awwad, and Ara Mihranian to meet the week of 10/30/2023; Ara to schedule meeting 	Ongoing
<p>11/8/2023:</p> <ul style="list-style-type: none"> - To be presented/discussed at the 11/14/2023 City Council meeting. - Hope to start well drilling on 12/4/2023; they will likely be online in January 2024. <p>11/2/2023:</p> <ul style="list-style-type: none"> - Received bid(s). - Plan start date is 12/4/2023. - Working on contract details. 	Feb-24
<p>11/8/2023:</p> <ul style="list-style-type: none"> - Wants to get the repair started very soon. - Gordon Leon to contact Ramzi Awwad separately. <p>11/2/2023:</p> <ul style="list-style-type: none"> - Obtain City Council approval on 11/14/2023 for project funding. - Estimate complete and contractor under agreement (time and materials). - Begin work in late November 2023. 	Dec-23

<p>11/8/2023:</p> <ul style="list-style-type: none">- Held a meeting with LACPW; will have a follow up meeting in early December 2023. <p>11/2/2023:</p> <ul style="list-style-type: none">- Numerous reports written recommending lining Alta Mira Canyon.- Meeting with Supervisor Janice Hahn and Mark Pestrella, Director of LACPW.- Meeting with LACPW to scope project, scheduled on 11/6/2023.	TBD