



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

Date/Time: March 13, 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; Jesse Villalpando; Brandy Forbes; Megan Barnes; Katie Lozano; Juan Hernandez; 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

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

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, Daniel Kim

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

Rolling Hills Community Association: Kristen Raig

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

Additional Community Attendees: Bill, Bob Locke, James Edwards, Kathy Snell, Deirdre Heimer, Lenée Bilski, Max Barth, Sha, Katherine Carr, Nikki Noushkam, K Miller, Kenneth, Don Swanson

(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		
Current, Short-Term, and Long-Term Mitigation Projects		Ramzi Awwad Jayme Fairfield
<ul style="list-style-type: none"> See Table 2 below. 		
Declaration(s) of Emergency		Ara Mihranian Ramzi Awwad Brandy Villanueva
<ul style="list-style-type: none"> The State of California is working to submit the request for a major federal declaration. Upon receipt, it will be reviewed by the federal government to determine if it is approved. Approval will be shared along with the type of eligible funding, such as public assistance (PA), individual assistance (IA) and small business administration (SBA). SBA are typically loans for not only businesses but homeowners and renters. Additional details and covered damage will be shared should the declaration be approved. 		
Los Angeles County Disaster Management AREA G		Brandy Villanueva Jesse Villalpando
<ul style="list-style-type: none"> Brandy Villanueva and Jesse Villalpando are continuing to meet with agencies. 		
Geotechnical Updates		Ramzi Awwad Mike Phipps Scott Kerwin
<ul style="list-style-type: none"> Mike Phipps conducted an extensive reconnaissance of the landslide area today. At 4334 Exultant, the feature in the street reported by the residents is the eastern boundary of the Klondike Canyon Landslide. It was previously a diffuse zone of tension cracks in the pavement but is now a continuous crack with some vertical displacement evident. As movement continues, it is not expected to be as severe as the scarp at Dauntless/Exultant, because it is a lateral margin of the landslide, not the head scarp area. Two reported water seeps were investigated: 1) On Purple Sage Trail, this is in a fill disposal area from the original grading in the 1960s. There are no known water lines, storm drains, or subdrain pipes in the area. Mike Phipps will continue to investigate and monitor this area. 2) The water on Rattlesnake Trail in Upper Altamira Canyon appears to be coming from a natural spring in the hillside at about 2-3 gpm. There are no known water lines or drainage structures nearby. Olmstead is in bad shape. The locally failing slope affecting the upper and lower trail segments is along the boundary of the Abalone Cove Slide. It will continue to keep moving and dropping and will require continual filling to keep it open for ACLAD and the lifeguards. It is okay to remove soil behind the K-rail, but more slide debris will come in. Mike Phipps looked at Michael McGee’s monitoring survey data. The movement velocity of the Klondike Canyon Landslide shows only slight acceleration compared to January. Abalone Cove Landslide has significantly accelerated. Mike will be plotting the data and submitting it for the staff report. The landslide lobe affecting the ski jump has moved 6 feet horizontally and about a half foot vertically in last five months based on GPS point PB-70. 		

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<ul style="list-style-type: none"> Palos Verdes Drive South (PVDS) at the west boundary of the Abalone Cove Landslide (in front of Wayfarers Chapel) is showing more horizontal and vertical movement and will require constant maintenance as movement continues. At the Beach Club, the toe of Klondike Canyon Landslide and Portuguese Bend Landslide, the beach is rising, which could affect the gradient of the storm drain. It will require close monitoring. 		
Coordination with the City of Rolling Hills <ul style="list-style-type: none"> The City of Rolling Hills staff met with the Los Angeles County Flood Control District to learn about the storm drains and other systems. No damaged drainage has been identified in the Flying Triangle area. All drainage in this area is in LAFCD jurisdiction. 		Ara Mihranian Karina Banales
General Comments or Questions <ul style="list-style-type: none"> If the public wants to email a City Council member, the City is asking that you email the entire City Council at cc@rpvca.gov. The City has been lobbying the county and state governments for funding for both ALCAD and KCLAD. It is imperative that ACLAD and KCLAD have written plan and engineering plans stamped by a relevant registered professional (engineer or geotechnical engineer). Wayfarers Chapel is getting bids for a French drain. Peter Gottschalk will send the bid information to Ramzi Awwad. Eric Johnson may have some fill materials available to use in the landslide areas. 		Working Group
NEXT MEETING		
<ul style="list-style-type: none"> Weekly Status Meeting: Occurs every Wednesday at 3:00 pm PST. Next meeting is 3/20/2024. Regular Meeting Format: This meeting will be held virtually via Teams. For a Teams link, please email Jayme Fairfield at jfairfield@houtconstruction.com. Notes from past meetings can be found on the City's website at this link: RPV Landslide Complex Working Group Rancho Palos Verdes, CA - Official Website (rpvca.gov). 		Ara Mihranian Jayme Fairfield

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

Activity	Responsible Entity	Current Status from 3/13/2024 Meeting	Estimated Completion
UTILITIES			
Guardrail to Protect Above-Ground Sewer Trunk Lines on Palos Verdes Drive South	LACSD	<ul style="list-style-type: none"> Waiting on a final schedule for construction from LACSD. The City received the instructions from LACSD for residents when responding to an emergency. The City will distribute these to this group and post it to the City's website. 	Feb 2024
Underground Sewer Lines in Seaview Neighborhood	LACPW: Mains Homeowners: Laterals	<ul style="list-style-type: none"> LACPW will be replacing lines that have been needing repeated repairs. 	Ongoing

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Sewer Lines in Portuguese Bend Community	City	<ul style="list-style-type: none"> The City will check into a scoping of the long sewer line from Vanderlip to PVDS (main gravity line). The City is also planning a scoping/inspection (CCTV) of other lines that they have identified. There was a sewer line break last weekend that was repaired. 	Ongoing
Leaning SCE Power Poles Repairs	Southern California Edison (SCE)	<ul style="list-style-type: none"> Burma Trail: 13 poles were removed on Monday and Tuesday. Crews are completing the remaining pole removals by hand. The remaining poles have been cut to where the communications equipment is located. Then will be fully removed once the equipment is removed. Exultant Poles: Four poles on Exultant will be replaced on 3/21/2024. The only tree trimming will be on the red-tagged homes' properties. Frontier Communications will have a crew present and will replace their equipment as quickly as possible when the new pole is up. At the request of Nikki Noushkam, the City will have a staff member present during these operations. 	Ongoing
Gas Lines in Portuguese Bend Community	SoCal Gas	<ul style="list-style-type: none"> Has seven project sites in PBC (see the map with notes pasted below). The projects have been discussed with the PBC Board. SoCal Gas does not expect any service disruption during any of the construction projects. SoCal Gas is looking into projects in the Seaview neighborhood beyond the repairs they are currently making. 	TBD
Water Mains in Seaview Neighborhood	Cal Water	<ul style="list-style-type: none"> No updates. 	TBD
Water Mains in Portuguese Bend Community Association	Cal Water	<ul style="list-style-type: none"> Cal Water's design team is still designing the project. The resident may see engineering and Cal Water staff in the neighborhood conducting field visits. There was a break this morning due to tree roots and it was repaired. The tie-in has been scheduled for 3/14/2024. 	TBD
Vanderlip Trail Water Mains	Cal Water	<ul style="list-style-type: none"> The City crew cleared the trail, so the Cal Water design team will make a site visit this week. 	TBD
Vanderlip Drive Water Mains	Cal Water	<ul style="list-style-type: none"> Cal Water is waiting on construction materials. They will schedule the work once the materials arrive. 	
Portuguese Bend Club	Cal Water	<ul style="list-style-type: none"> For the new section on Yacht Harbor, the design team will begin site walks soon. 	TBD
PVDS at Wayfarers Chapel	Cal Water	<ul style="list-style-type: none"> The new section was tested and sampled. If samples come back good, the tie in should be next week. 	
CITY			
Portuguese Bend Landslide EIR and Final Engineering	City	<ul style="list-style-type: none"> There are now two components—one for the main project funded by the FEMA BRIC grants, and the other for immediate emergency measures. 	October 2024

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Activity	Responsible Entity	Current Status from 3/13/2024 Meeting	Estimated Completion
		<ul style="list-style-type: none"> ○ Main project final engineering: The team will present the EIR and design in May 2024. ○ Emergency measures: These are to be implemented ASAP ahead of the main project. Plans will be presented to the City Council on 3/19/2024 and the information will be available in the agenda staff report (agenda posted 3/12/2024, but the staff report and plans will be available on 3/15/2024). This project includes two hydrauger arrays. 	
PVDS at Peppertree Drainage	City	<ul style="list-style-type: none"> ● No changes. Waiting for next steps with FEMA. 	TBD
GPS Surveying of Landslide Movement	City	<ul style="list-style-type: none"> ● The City receive Michael McGee's survey data last night. The City should have the information available next week. ● The next survey is scheduled for early May 2024. 	Ongoing
PVDS Roadway Repairs	City	<ul style="list-style-type: none"> ● The City will continue to inspect for general repairs. ● The City will need to regrade the ski jump area. The City is currently looking at different engineering options, including alternative materials. This project may require a short, temporary road closure. Close coordination with LACSD will be necessary with the sewer lines. ● The City expects to finalize signage this week. 	Ongoing
Crack-Filling in Seaview Neighborhood	City (RPV)	<ul style="list-style-type: none"> ● Crack filling will continue on an as-needed basis. ● The cracks at the Dauntless/Exultant intersection have opened back up and need filling. The tarps need adjusting. ● At 4335 and 4334 Exultant, the crack has become a speed bump in the past week. The City is already looking into repairs. 	Ongoing
COMMUNITY ASSOCIATIONS AND LANDSLIDE ABATEMENT DISTRICTS			
Road Repairs in the Portuguese Bend Community	Portuguese Bend Community Association	<ul style="list-style-type: none"> ● PBCA is continuing to get asphalt bids for bad locations in the neighborhood. ● The City is ordering signs to deter large trucks from using Narcissa. 	Ongoing
KCLAD Dewatering Wells	KCLAD	<ul style="list-style-type: none"> ● Total well extraction is at 200 gpm. ● New deep well is at 100 gpm. ● Shallow well is at 30 gpm and the water table is now about 9 feet. If there is a dry spell, the broken well next to the shallow well can be repaired. ● Well #1 was fixed and has a new control box. It is now at 59 gpm and holding. ● Steve Cummins is still investigating a new location for another well. 	Ongoing
Klondike Canyon Fissures	KCLAD & City	<ul style="list-style-type: none"> ● Tarps are working at the head of the slide. 	Ongoing
Klondike Canyon Culvert and Pipe	KCLAD & City	<ul style="list-style-type: none"> ● Steve Cummins and his team put together a 5-Step Program to get the projects funded and implemented. 	Ongoing

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Lower Seaview/ PVDS at Klondike Canyon Drainage	KCLAD & City	<ul style="list-style-type: none"> Drainage designs are underway. Hope to have them ready for next council meeting. 	TBD
ACLAD Dewatering Wells	ACLAD	<ul style="list-style-type: none"> Normal operations are continuing. 	Ongoing
Dewatering Wells South of PVDS	ACLAD & City	<ul style="list-style-type: none"> Currently repairing a leak in 6" line. Still looking into a price for changing the 6" line (due to multiple failures) to a heavier duty 4" line that matches the rest of the system. 	Feb 2024
Kelvin Canyon Spring	ACLAD & City	<ul style="list-style-type: none"> Scott Kerwin and Gordon Leon conducted a field visit and are developing a plan to capture water and direct most of it into the ACLAD drainage system at well #15. 	
Altamira Canyon Lining	ACLAD, RPV, and LACPW	<ul style="list-style-type: none"> Gordon Leon put in a funding request with Senator Butler with for the lining. 	TBD

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The map and table below are from Southern California Gas Company. This is a draft and may be subject to change.

Draft, Subject to Change 3-14-2023



Site Number	Work to be performed	Start Date Anticipated	Estimated Time For Completion
Site 1	Isolation valve.	Completed	Completed
Site 2	Replace/relocate approx. 100 ft of pipeline from across driveway above ground.	20-Mar	5 days
Site 3	Replace/relocate approx. 500 ft of main and install swing joints.	1-Apr	5 weeks
Site 4	Bring approx. 50 ft above ground and install 2 swing joints, 50 ft of guard rail to protect.	7-May	4 weeks
Site 5	Support and secure 75 ft of span.	TBD *	TBD *
Site 6	Replace/relocate approx. 350 ft of 1-inch main and install swing joints.	TBD *	TBD *
Site 7	Install and replace swing joints with pipeline footings in all yellow, abandon approx 300 ft of 1-inch main.	TBD *	TBD *

*Dates and timing subject to change based on unforeseen conditions