



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

Date/Time: November 29, 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)**; John Cruikshank (Councilmember)

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**

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: Ken Dyda, Kathryn Bishop, William Kearns, Lenée Bilski, Max Barth, Peter Shaw

(Note: Those in attendance are in black; not in attendance are in gray)

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.

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

Item	Presenter(s)
DISCUSSION ITEMS	
<p>Declaration of a Local Emergency</p> <ul style="list-style-type: none"> • Will be on the City Council agenda for 12/19/2023. The City geologist(s) will be present to give an overview of current information. • The City is not issuing any new restrictions at this point. 	Ara Mihranian
<p>Los Angeles County Disaster Management AREA G</p> <ul style="list-style-type: none"> • Brandy and Jesse are having regular coordination meetings; discussions have included ACLAD and KCLAD on the reimbursement process. Eligible costs for reimbursement need to be connected to the rainfall events (winter storms) early in 2023. • Emergency Housing Resources: Brandy will report back when the details are worked out. • CA Disaster Assistance Act: Brandy is coordinating with officials and will report when the details are worked out. • Contingency Planning with Utilities: Planning is in progress with Cal Water, SoCal Edison, SoCal Gas, and others to ensure utilities and communications stay working and emergency measures are in place. • Evacuation Planning: The City has been working with LA County emergency responders on evacuation plans for various scenarios. 	Brandy Villanueva Jesse Villalpando
<p>Preserve Conditions</p> <ul style="list-style-type: none"> • 75% of the Preserve is going to remain closed for the foreseeable future. • New fissures have been reported, including a portion of Pony Trail. • Some fissures have been filled. The City is assessing additional fissure filling. • There has been increased land movement in Abalone Cove, including Cliffside Trail. • The City is working on solutions to keep trails open or reopen trails. • PBCA, Claudia Gutierrez, reported that she sent photos to the City of vegetation clearance on specific trails and in the ravines. The City is reassessing mitigations to make sure the clearances are helpful and not harmful. • The City requests that the public adhere to all signage and warnings of closed trails. The surveyors, geologists, and utilities are exempt from the closures. 	Dan Trautner Cory Linder Katie Lozano Ara Mihranian
<p>Geotechnical Updates</p> <ul style="list-style-type: none"> • On 11/29/2023, the City met with: <ul style="list-style-type: none"> ○ City geologist(s) Cotton Shires and Mike Phipps ○ Program Management Consultant: Hout Construction Services, Inc. (HCS) Sam Hout; Ninyo & Moore Kurt Yoshii and Ron Hallum ○ Geotechnical engineering consultant: Geo-Logic Neven Matasovic and Alan Witthoeft ○ ACLAD: Gordon Leon and Scott Kerwin ○ KCLAD: Steve Cummins and Scott Kerwin • Discussions included what has been seen historically, what is being seen lately, who is doing what assessments and work, what mitigations are being planned and worked on, and models and simulations being developed. <ul style="list-style-type: none"> ○ • Additional meetings with this group are expected to be scheduled. 	Ramzi Awwad Mike Phipps Scott Kerwin

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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
Coordination with the City of Rolling Hills <ul style="list-style-type: none"> The City met with Rolling Hills (RH) leadership last week. Karina Banales is the new RH City Manager. She is reviewing all data to fully understand all land movement and other issues. She is coordinating closely with the City. Karina will have more information to report on next week. RH is experiencing significant recent land movement and fissures. RH is assessing drainage pipes. RH is coordinating with LACPW and LACSD. 	Ara Mihranian Karina Banales
General Comments/Questions <ul style="list-style-type: none"> Rayne Sherman asked if the open water source in Klondike Canyon just above the Seaview neighborhood (Exultant/Dauntless) has been addressed. The City believes it has been addressed, but will send City staff into the field to confirm. The City will report back next week. 	Working Group
NEXT MEETING	
<ul style="list-style-type: none"> Weekly Status Meeting: Occurs every Wednesday at 3:00 pm PST. Next meeting is 12/6/2023. Regular Meeting Format: This meeting will be held virtually via Teams. For a Teams link, please email Jayme Fairfield at jfairfield@houtconstruction.com. 	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)
Drainage Pipe at PVDS and Peppertree	Drainage pipe under PVDS at Peppertree will be upgraded	Landslide Mitigation	PVDS at Peppertree	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)

PBCA Sanitary Sewer Inspection	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	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
KCLAD PVDS/Beach Pipe Extension (Ramzi to provide official name)	Extend/install a new pipe along PVDS to drain the hillside at the bottom of the Klondike Canyon Landslide, and discharge the water to the ocean.	Landslide Mitigation	PVDS	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

12/6/2023

Status (rows can be expanded for earlier dated notes)	Timeline
11/29/2023: - The City will continue to regularly check roadway conditions and schedule repairs (for public safety) as needed.	Ongoing
11/29/2023: - The declaration will be on the City Council agenda for 12/19/2023. The City geologist(s) will be present to give an overview of current information. - The City is not issuing any new restrictions at this point.	Ongoing
11/29/2023: - The City and its geologists are still reviewing the monitoring data collected in October; the report should be issued/released next week - The City is looking at installing some new/additional monitoring points to fill in data gaps and gather data where there is little to none.	Ongoing
11/29/2023: - Survey activities started 11/28/2023. - The City will keep the group informed on progress.	8/31/2025

<p>11/29/2023:</p> <ul style="list-style-type: none"> - 75% of the Preserve is going to remain closed for the foreseeable future. - New fissures have been reported, including a portion of Pony Trail. - Some fissures have been filled. The City is assessing additional fissure filling. - There has been increased land movement in Abalone Cove, including Cliffside Trail. - The City is working on solutions to keep trails open or reopen trails - PBCA, Claudia Gutierrez, reported that she sent photos to the City of vegetation clearance on specific trails and in the ravines. The City is reassessing mitigations to make sure the clearances are helpful and not harmful. - The City requests that the public adhere to all signage and warnings of closed trails. The surveyors, geologists, and utilities are exempt from the closures. 	Ongoing
<p>11/29/2023:</p> <ul style="list-style-type: none"> - The City is preparing a response to the RFI from CalOES and FEMA. 	TBD
<p>11/29/2023:</p> <p>The City and its Program Manager (HCS) is meeting with LACSD on 11/30/2023 to coordinate this project and other potential future projects.</p>	11/17/2023
<p>11/29/2023:</p> <ul style="list-style-type: none"> - There have been no changes in the sewer status on Dauntless and Exultant. - At Nikki Nouskam's request, Ramzi Awwad will have a separate conversation with Seaview residents about lateral inspections. - Kit Song asked about the history of sewer repair projects (last six months). Ramzi Awwad reported that the City performed CCTV inspection which revealed separation at some joints. During excavation, the dry soil conditions revealed no long-term leaks. 	Completed

<p>11/29/2023:</p> <ul style="list-style-type: none"> - PBCA residents/representatives requested the below-ground sanitary sewer lines in their neighborhood be inspected. - Ara Mihranian suggested we start at Cinnamon and Clovetree and work towards Narcissa 	<p>TBD</p>
<p>11/29/2023:</p> <ul style="list-style-type: none"> - Holly Essler is diligently working on plans to remove the inactive poles; it is expected that construction would be complete by late February prior to bird nesting season. - SCE is working with Frontier Communications on poles that have Frontier equipment on them. If the equipment does not belong to Frontier, others (such as Cox Communications) will need to be coordinated with. If the equipment is not removed prior to SCE's removal construction, SCE will cut the pole down to where the equipment is and the equipment owner will then be responsible and bear the cost of removing the butt/foundation. - Frontier will reconfirm that all their equipment is removed. - Frontier is working on a plan for the snapped pole(s). - Ara Mihranian will coordinate with Nikki Noushkam to schedule pole removal from her property. - Nikki Noushkam has photos of a pole on Dauntless with dangling equipment; she will email the photos to Ara. - There are two snapped poles on Exultant; one was replace, the other will be scheduled for replacement. - The leaning pole on PVDS will be replaced. - The cause of poles snapping/breaking is due to land movement that adds tension to the line. Nikki Noushkan stated that the pole on her property is very taught. 	<p>Ongoing</p>

<p>11/29/2023:</p> <ul style="list-style-type: none"> - The project on Narcissa is still in progress. - SoCal Gas will be ready in a few weeks to present plans to PBCA. - The leak repairs earlier this week was due to corrosion and not land movement. - SoCal Gas hired a consultant (Far West) to add corrosion anodes to the piping/equipment. - Rayne Sherman asked if there have been gas leaks in the Seaview neighborhood. Nikki Noushkam said Dauntless had a recent leak. Ben Steinberger stated that SoCal Gas has increased their regular inspections in the area and placed it on high priority. Ben will report back on the <u>inspection schedule/map cycle</u>. 	Ongoing
<p>11/29/2023:</p> <p>The City evaluated putting above-ground pipe on Dauntless. It was cleared that putting it in the street would not hinder drainage. If K-rail is used to protect the pipe, the cost to the City is \$95K/year to install and rent. The City is performing a cost-benefit analysis.</p> <ul style="list-style-type: none"> - Good progress has been made on Dauntless installation and Cal Water is currently laying pipe in the street. This project is expected to be complete around 12/15/2023; however, that date depends first on the pressure test and then the water quality test. If either test fails, the date could slip. The tests are required to protect the public and cannot be bypassed. - After Dauntless pipe is in operational (Phase 1), then Admiralbe and Exultant (Phase 2) will be installed simultaneously. 	Ongoing
<p>11/29/2023:</p> <ul style="list-style-type: none"> - The final job walk for Cinnamon and Clovetree is 11/20/2023, then materials can be ordered and the construction scheduled. Both the City and HOA want to review the design. 	Ongoing
<p>11/8/2023:</p> <ul style="list-style-type: none"> - Project is complete. 	Completed

11/15/2023: - Angie Gilbride will be sending out the updated leak detection fact sheet.	Completed
11/8/2023: - All 65 sensors and 6 pressure monitors have been installed. - Cal Water will provide an explanation of how each of the detection	
11/29/2023: - Vegetation has been cleared and is complete. - Evaluation of the fissures at the headwall has not been performed. After the evaluation, a mitigation plan can be developed.	Ongoing
11/29/2023: - The stormdrain has been cleared. - A surveyor will be onsite this week. - John Kolich is putting in a drain. - The well drilling for the beach well began on 11/27/2023. - Water level in the pump is stall at 4-6 feet, and the volume is down to 30 gallons per minute. - The water line going to the life guard tower broke; this break is unrelated to land movement (isolated incident).	TBD
11/29/2023: - At the Portuguese Bend and Klondike Landslides, slot drainage/grading is being conducted to relieve pressure. - Ramzi Awwad asked if the fissures below the gabbion wall can be filled. Steve Cummins talk with Ramzi separately on this topic.	Ongoing
11/29/2023: - The repair at well 2 is complete and the well is running. - Homestead access road has stability issues.	Ongoing
11/29/2023: - Need to add sounding tubes to all wells (sonic sounder) so that non-technical people can take the water-level readings.	Feb-24

11/29/2023: - Culvert repair will commence soon; currently staging materials.	Dec-23
11/29/2023: - Scheduling a meeting with LACSD to discuss the Abalone Cove lining.	TBD