



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

Date/Time: June 19, 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; Brandy Forbes; Megan Barnes; Katie Lozano; Juan Hernandez; Brandon Mesker; David Rasor; Elena Gerli (attorney); John Fox (attorney)

Hout Construction Services, Inc. (HCS): Sam Hout, Program Manager; Yvette Holguin, Project Manager; Jayme Fairfield, Document Control Manager

Cotton, Shires and Associates, Inc.: Mike Phipps, Contract City Geologist, Pat Shires

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: 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, James Edwards**

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, Jared Abegg

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

Rolling Hills Community Association: Kristen Raig

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

Additional Community Attendees: Deirdre Heimer, Marianne Hunter, Max Barth, Nancy Kalthoff, Nikki Noushkam, Peter Shaw, Sha, Lenée Bilski, Delbar, Tami Podesta, Karen Miller, Bob Locke, Kathy Snell, Ray, Sheri, DJ

(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."*

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

TABLE 1: AGENDA ITEMS		Presenter(s)
DISCUSSION ITEMS		
Current, Short-Term, and Long-Term Mitigation Projects <ul style="list-style-type: none"> See Table 2 below. 		Ramzi Awwad Jayme Fairfield
Declaration(s) of Emergency and Los Angeles County Disaster Management AREA G <ul style="list-style-type: none"> Brandy Villanueva followed up on the questions this group asked last week. She is awaiting a response and will provide that response to Ara Mihranian regarding the SBA loan interest rate. On 6/17/2024, the City met with FEMA on reimbursements for the 1/31/2024 to 2/9/2024 winter storms. The City is preparing documentation needed for the reimbursement request. The City will share this with the districts when it is ready. This includes details on expenditures and quantities. The City urges residents to apply through the portal. The City is trying to get an assistance center or hotline set up, but in case that doesn't come through, please do not wait until the 7/16/2024 deadline. Claudia Gutierrez noted that a geologist report was not required in the application. 		Brandy Villanueva
Geotechnical Updates <ul style="list-style-type: none"> Cotton Shires is continuing mapping of landslide boundaries. Will be presenting the info in a memo and to City Council on 7/2/2024. Cotton Shires reviewed the GPS data from the latest survey. The middle of the slide by Narcissa and Sweet Bay is moving 13 inches per week now. Klondike Canyon Landslide area is moving at 1-2 inches on the eastern boundary, 2-3 inches per week in the neighborhood, and 7 inches per week at gateway on the west boundary. 		Ramzi Awwad Mike Phipps Scott Kerwin
Coordination with the City of Rolling Hills <ul style="list-style-type: none"> The City is still working on a date to meet with the City of Rolling Hills. 		Ara Mihranian Karina Banales
Funding Initiatives <ul style="list-style-type: none"> KCLAD: FEMA loans can be used for well drilling. KCLAD: Still finalizing the terms and conditions of the City loan. 		Ara Mihranian Ramzi Awwad
General Comments or Questions None this week.		Working Group
NEXT MEETING		
<ul style="list-style-type: none"> Weekly Status Meeting: Occurs every Wednesday at 3:00 pm PST. The next meeting is 6/26/2024. 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

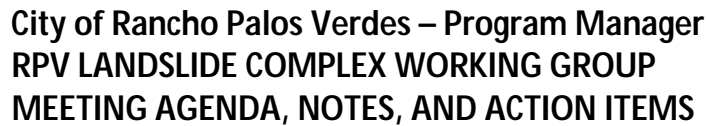
Activity	Responsible Entity	Notes/Status	Estimated Completion
UTILITIES			

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

Activity	Responsible Entity	Notes/Status	Estimated Completion
Sewer Lines	LACSD	<ul style="list-style-type: none"> These are lines along PVDS. Lines are being inspected daily. 	Ongoing
Sewer Lines: Seaview Neighborhood	LACPW: Mains Homeowners: Laterals	<ul style="list-style-type: none"> Mains are owned by the City, and operated and maintained by LACPW. The laterals are owned and operated by individual homeowners. 	Ongoing
Sewer Lines: Portuguese Bend Community	City	<ul style="list-style-type: none"> Mains are owned, operated, and maintained by the City. There were issues reported last night. The main line at York property, as well as upstream and downstream, has deviations. Repairs are being made. More permanent repairs are being investigated. 	Ongoing
Power Poles Repairs	Southern California Edison (SCE)	<ul style="list-style-type: none"> No updates. 	Ongoing
Gas Lines: Portuguese Bend Community and Seaview Community	SoCal Gas	<ul style="list-style-type: none"> All projects are still on the same schedule as presented in the past. SoCal Gas inspected Seaview yesterday and met with the engineering team on next steps. The Seaview Association will let the residents/community know when SoCal Gas will be in the area. 	Ongoing
Water: Seaview Neighborhood	Cal Water	<ul style="list-style-type: none"> The next section of homes for above-ground main will start this week. Residents are being contacted. Grading and construction are ongoing. Cal Water will send the Seaview Association an updated map and the Seaview Association will put it on their website. 	TBD
Water: Portuguese Bend Community Association	Cal Water	<ul style="list-style-type: none"> The new Vanderlip line is being tied in today. 	TBD
Water: Portuguese Bend Beach Club	Cal Water	<ul style="list-style-type: none"> Design is ongoing. Augie Baeza will check with the engineering team on the status. 	TBD
CITY			
Portuguese Bend Landslide EIR, Final Engineering, and E1/E2	City	<p>E1/E2</p> <ul style="list-style-type: none"> The City's contractor finished drilling the first test bore hole (E1-10). Underground conditions were as Geo-Logic Associates (GLA), the Engineer of Record, expected them to be. The failure surface was 153 feet below ground. The hole was 227 feet deep. No water was found in this hole as GLA anticipated. The drill rig moved to the second test bore hole (E1-5a). Drilling should be completed tomorrow. The contractor found perched water at 154 feet. Drilling is currently at 275 feet. The engineers and project team will decide how many test bore holes are needed as the data comes in. All ten may or may not be needed. After E1-5a is completed, the contractor will then move to the third bore hole (E1-5). 	October 2024

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

Activity	Responsible Entity	Notes/Status	Estimated Completion
		<ul style="list-style-type: none"> Geologists are in the field logging the results of the borings. The data gathered will be used by geotechnical engineers, geologists, and the program manager. Once installed, GLA expects the hydraugers to have initial artesian pressure that will cause the water to come out by itself. Once the water pressure lowers, the water will then need to be pumped. The first hydrauger(s) at the landslide toe should provide a relatively quick impact/relief to land movement. 	
PVDS at Peppertree Drainage	City	<ul style="list-style-type: none"> City Council approved yesterday a temporary prohibition of bicycles and motorcycles on PVDS in the landslide area. Signage will be installed next week. The City is performing localized repairs this week. The City and their consultants are working on a larger repair at the ski jump. 	TBD
GPS Surveying of Landslide Movement	City	<ul style="list-style-type: none"> No updates. 	Ongoing
PVDS Roadway Repairs	City	<ul style="list-style-type: none"> No updates. 	Ongoing
Crack-Filling in Seaview Neighborhood	City	<ul style="list-style-type: none"> No updates. 	Ongoing
COMMUNITY ASSOCIATIONS AND LANDSLIDE ABATEMENT DISTRICTS			
Road Repairs in the Portuguese Bend Community	Portuguese Bend Community Association	<ul style="list-style-type: none"> 6/20/2024: Asphalt repairs will be conducted in the Lower Cinnamon and Narcissa section. Residents/traffic is directed to the Narcissa gate. The PBCA road closure has been reported to google maps. Mike Phipps stated that the Narcissa curve map has been updated. 	Ongoing
KCLAD Dewatering Wells	KCLAD	<ul style="list-style-type: none"> All four wells are operating at a total of 200 gpm. There are two deep wells and two shallow wells. The force main that was repaired two weeks ago is still working and water is being diverted to the ocean. The water level is staying the same as the past few weeks—about 17 feet (measured from ground level at the ocean). A new well drilling contract will be in place in the next two weeks. KCLAD is still unsure where the new well will be placed. See the table below for the KCLAD well/water data. The data is also available on KCLAD's website. 	Ongoing
Klondike Canyon Fissures	KCLAD & City	<ul style="list-style-type: none"> KCLAD is working with the City on tarp removal. KCLAD is discussing with contractor for grading swales, filling fissures, and piping above Seaview. 	Ongoing
Klondike Canyon Culvert and Pipe	KCLAD & City	<ul style="list-style-type: none"> The 48" pipe is still a problem and has continued to be pushed up. The contractor is planning repairs. The 	Ongoing



Activity	Responsible Entity	Notes/Status	Estimated Completion
		ocean floor is being pushed up so high that the 48" pipe may not be draining properly. • KCLAD wants to make sure that the hydraugers will not put water into the 48" pipe.	
Lower Seaview/ PVDS at Klondike Canyon Drainage	KCLAD & City	• No updates.	TBD
ACLAD Dewatering Wells	ACLAD	• The meters on wells 11, 12, and City well 9 have jammed. However, the wells are pumping okay. • Well #10 is now pumping at capacity. • Well data is being published on ACLAD's website.	Ongoing
General Maintenance	ACLAD	• Repaired the 4" drain line and installed a new section of pipe.	Ongoing
Top of Slide Area and Kelvin Canyon Spring	ACLAD & City	• No updates.	TBD
Altamira Canyon Lining	ACLAD, RPV, and LACPW (Flood Control District)	• No updates.	TBD

KCLAD Well Data (posted in the meeting chat)

DATE	Well #1 (No Pump) Near Klondike Yard		Well #2 - Pump #2 Near Court 3			Well #3 - Pump #1 In Wood Box				Well #4 - Pump #3 In Sand On Beach			
	Time	Depth	Time	Depth	GPM	Time	Depth	Reading	GPM	Time	Depth	Reading	GPM.
Water	11:40 AM		12:40 PM			1:40 PM				1:05 PM			
12/14/2023	11:40 AM	98.1 ft	12:40 PM	3.2 ft	9	1:40 PM	7.5 ft	39937300	30	1:05 PM	4.9 ft	Not Installed Yet	
12/21/2023	8:45 AM	98.3 ft	9:15 AM	3.1 ft	7	11:10 AM	7.8 ft	40327400	45	9:40 AM	5.1 ft	Not Installed Yet	
12/29/2023	8:15 AM	104.0 ft	8:35 AM	10.1 ft	14	9:40 AM	15.8 Ft	40800700	48	9:20 AM	24.5 ft	00309600	115
1/5/2024	9:20 AM	110.0 ft	9:30 AM	6.0 ft	n/a	11:20 AM	23.7 ft	41295200	59	11:10 AM	32.0 ft	01513500	113
1/11/2024	2:20 PM	114.0 ft	2:35 PM	9.4 ft	n/a	2:40 PM	27.9 ft	41817100	55	3:00 PM	35.5 ft	02543600	114
1/18/2024	3:10 PM	n/a	3:20 PM	N/A	n/a	3:25 PM	n/a	42365100	53	3:40 PM	n/a	03695600	110
1/26/2024	9:30 AM	117.7 ft	9:45 AM	9.5 ft	n/a	10:15AM	30.8 ft	42949400	52	10:00 AM	38.6 ft	04945000	110
2/2/2024	9:00 AM	n/a	9:20 AM	n/a	n/a	10:20am	n/a	43463800	50	9:45 AM	n/a	06022200	102
2/9/2024	9:00 AM	114.8 ft	9:30 AM	5.2 ft	n/a	10:15 AM	27.8 ft	43956700	48	11:00 AM	34.3 ft	07056900	100
2/15/2024	10:10 AM	115.8 ft	10:25 AM	6.5 ft	n/a	10:55 AM	28.5 ft	44335300	44	10:30 AM	35.6 ft	07925600	100
2/23/2024	9:15 AM	113.6 ft	9:25 AM	4.6 ft	n/a	10:05 AM	25.8 ft	44796300	35	9:40 AM	33.1 ft	0908680	100
3/1/2024	8:35 AM	112.5 ft	8:50 AM	5.9 ft	n/a	9:30 AM	24.5 ft	44906900	n/a	9:40 AM	31.9 ft	10071500	100
3/8/2024	9:10 AM	110.8 ft	9:20 AM	6.5 ft	n/a	9:45 AM	22.7 ft	44906900	n/a	9:30 AM	29.9 ft	11074600	100
3/13/2024	8:35 AM	112.3 ft	8:45 AM	6.8 ft	n/a	9:30 AM	25.4 ft	45299300	59	9:10 AM	33.1 ft	11782600	100
3/21/2024	11:50 AM	112.4 ft	12:15 PM	7.4 ft	n/a	12:30 AM	25.8 ft	45922500	68	12:50 PM	32.5 ft	12912700	96
3/28/2024	8:35 AM	112.3 ft	8:55 AM	8.4 ft	n/a	9:45 AM	24.3 ft	46602400	n/a	9:25 AM	31.0 ft	13788800	93
4/5/2024	11:00 AM	108.0 ft	11:25 AM	7.2 ft	n/a	12:15 PM	19.6 ft	46602400	78	11:50 AM	28.0 ft	14857700	92
4/12/2024	7:25 AM	106.6 ft	7:45 AM	8.5 ft	n/a	8:45 AM	17.5 ft	46609000	86	8:25 AM	22.1 ft	15753000	89
4/19/2024	9:25 AM	101.9 ft	9:40 AM	8.5 ft	n/a	10:40 AM	13.8 ft	46610200	79	10:20 AM	14.5 ft	16534700	79
4/26/2024	2:15 PM	101.1 ft	2:25 PM	8.5 ft	n/a	3:00 PM	13.2 ft	46610300	79	2:50 PM	13.5 ft	17308500	70
5/2/2024	2:30 PM	101.6 ft	2:45 PM	9.0 ft	n/a	3:25 PM	15.8 ft	46718700	77	3:05 PM	14.1 ft	17954500	77
5/9/2024	2:10 PM	102.3 ft	2:25 PM	8.7 ft	n/a	2:45 PM	16.8 ft	47498800	78	3:15 PM	14.1 ft	18722400	78
5/17/2024	3:15 PM	101.8 ft	3:35 PM	7.5 ft	n/a	4:15 PM	16.5 ft	48347000	76	4:00 PM	12.0 ft	19621400	77
5/23/2024	7:40 AM	102.6 ft	7:55 AM	7.4 ft	n/a	8:50 AM	17.5 ft	48965600	78	8:20 AM	13.5 ft	20237800	78
5/30/2024	3:00 PM	102.6 ft	3:05 PM	7.4 ft	n/a	3:55 PM	17.1 ft	49735400	80	3:35 PM	13.0 ft	21025600	78