

Local Emergency Planning Committee (LEPC)

DATE: SEPTEMBER 20th, 2023
 CHAIR: Amanda Loach
 RECORDER: Andrew Preis

MEMBERS PRESENT (P = Present, O = Online, A=Absent, AE=Absent/excused)

<u>LEPC Voting Members:</u>		<u>Other Agencies Represented:</u>	<u>Other Attendees:</u>
Chairperson – Amanda Loach	P		
Doug Lamkin – Building Owner / Manager	A	Kathy Shea - ADEC	P
George Vakalis – SERC / Member-at-Large	P	Heather Wallace	O
Alyssa Farrar – Local Environmental	O	Erin Zackery – OEM	O
Manch Garhart – First Aid / EMS	O	Wolfgang Wakaliuk	O
Ashley Lally – Civil Defense	P	Wendy Reese – OEM	O
Lore Olson – Hospitals	O	Darin Jenkins -- Brenntag Chemicals	P
John Huffman – Local Disaster Planning / CERT	O		
(incoming) Brian Dean – AFD	P		
(incoming) Brian Wilson - APD	P		
<u>Support Staff:</u>			
Sean MacKenzie-OEM, Audrey Gray – OEM	P		
Andrew Preis-OEM	P		
<u>Ex-Officio Members (non-voting):</u>			
Dr. Michael Savitt - Health	O		
Aviva Braun - Weather	AE		
<u>Reporting Agencies:</u>			
Community Right to Know (CRTK) - Jean Boyda	O		
State Emergency Response Commission (SERC)	P	(George Vakalis)	
Division of Homeland Security and Emergency Management (DHS&EM) – Roy English	P		
Alaska Partnership for Infrastructure Protection (APIP) – Shawna Watson / Robert Carmichael			
Joint Medical Emergency Planning Group (JMEPG) – Lore Olson	A	(Lore Olson)	
Communications (AWARN/ALMR) Jason Beach	O		
Anchorage Health Department (AHD) - Renee Aguilar	P	Also Elizabeth Whitney, EP Director	O
Community Emergency Response Team (CERT/Citizen Corp)	O	(John Huffman)	
Emergency Operations Center	P	(Andrew Preis)	

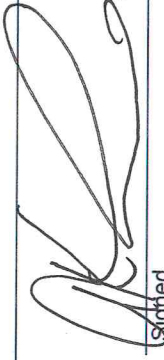
Agenda Item	DISCUSSION	RECOMMENDATION/ACTIONS	FOLLOW-UP (Track, Open, Close)
AGENDA/ITEM Call to Order and Introductions	Meeting called to order by Chair Loach – 1:01pm		
Welcome and Roll Call	Welcome Rollcall – Andrew Preis Committee members present: 7/8 (quorum present) Andy Preis, OEM – in house safety brief		
Safety Minute			
Consent Agenda- Approval of previous meeting minutes from 9/28/22	Approval of previous meeting minutes: JUNE 21, 2023	Motion: George Vakalis Second: Ashley Lally Result: Pass unanimous	Amanda to sign, Andy to post approved meeting minutes on OEM LEPC website after the meeting
Consent Agenda- Approval of Agenda for 12/7/22	Approval of current meeting agenda: SEPTEMBER 20, 2023, with one change to safety minute topic.	Motion: George Vakalis Second: Ashley Lally Result: Pass unanimous	Andy to polish the notes and send around for review prior to next meeting
Presentation	Audrey Gray – OEM. Tsunami Threat Study Report. (see attached documentation from the presentation, and visit the State's geotechnical website www.dggs.alaska.gov for additional resources, maps, and animations of the scenarios of concern)		ANDY TO SEND AROUND FLYERS FOR COMM. MEETINGS.
AGENCY REPORTS: Community Right to Know Act (CRTK)	Jean Boyda, AFD/CRTK. 451 CRTK reports submitted through E-plan 476 last year. Some facilities no longer reporting due to chemical thresholds in storage. Certs of compliance still being sent out. Invoice payments flowing in. Region 10 visited Anchorage 9/12-14, to inspect 3 different facilities: Unibar Alaska, Sysco Alaska, Chugach Electric powerplant. AFD hazmat attended walk throughs.		

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Emergency Plans	<p>Sean MacKenzie – OEM CEOP report.</p> <ul style="list-style-type: none"> - Main plan for local response, who does what and when. FEMA compliant, and locally promulgated by Mayor. Available on OEM website. <p>WCIF report.</p> <ul style="list-style-type: none"> - FEMA requirement for grant eligibility, 28 of the 32 core capabilities reported on for the 2023 WCIF. Basically the FEMA proprietary version of the THIRA/SPR in spreadsheet format. - THIRA steps 1, 2, 3. Identify threats and hazards, give them context, and establish capability targets accordingly. - SPR steps 1, 2, 3, functional gaps. Assess capabilities, identify and address capability gaps, suggested ways and funding to close gaps, and other functional gaps to work on. - Report due to the SOA on 9/30/23. Intent to roll results into hazard mitigation plan. 	<p>CEOP - Vakalis suggesting an addition to the CEOP to include how to respond to a natural gas crisis/shortage. Suggestion to include a previous addition of such a plan, and maybe include in the utility disruption annex.</p>	<p>OEM staff to look for previous plan on natural gas shortage crisis.</p>
State Emergency Response Committee (SERC)	<p>George Vakalis.</p> <ul style="list-style-type: none"> - Brought up again lack of LEPC funding, in the record for the meeting. - State reported on the number of declared disasters over that period of time, and subsequent number of responses the SOA EOC has had to get involved in. 		
Division of Homeland Security and Emergency Management (DHS & EM)	<p>Roy English, DHS&EM.</p> <ul style="list-style-type: none"> - SERC, 2-year work plan expired 2 years ago. Draft has been produced, to address existing policies. Next LEPCA meeting, solicitation of members to have someone join that update committee. 		
Alaska Partners for Infrastructure Protection (APIP)	<p>Kathy Shea – APIP participant. New meeting schedule for the next season sent out. Next meeting is 9/21/2023, 10:00am. Link to the meeting to be put into the chat for this LEPC meeting.</p>		

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<p>Joint Medical Emergency Planning Group (JMEPG)</p>	<p>Lore Olson – Chair JMEPG, ANMC Preparedness No updates at this time. Oct. 4 city wide exercise in process.</p>		
<p>Communications: (AWARN/ALMR)</p>	<p>Jason Beach – MOA Comms/Radio Shop Nothing to report.</p>		
<p>Anchorage Health Department (AHD)</p>	<p>Renee Aguilar, Elizabeth Whitney – AHD EP</p> <ul style="list-style-type: none"> - New program manager Dr. Elizabeth Whitney, on board about 3 weeks. - AHD has been working on COOP planning process. - Oct. 4, State healthcare exercise called Homer Fury, school shooting in Homer creating scenario where patient transport to Anchorage needs to happen. - Oct. 19, Great Alaska Shakeout. - Planning ongoing for March 4, 2024 full scale state wide exercise. 		
<p>Citizen Corps/CERT</p>	<p>John Huffman – UAA Emergency Manager.</p> <ul style="list-style-type: none"> - Up and running. Basic training next week, several people signed up. Fire extinguisher training. DHS&EM coming to give a guest talk at next meeting. Looking to extend CERT into the student community. <p>Manch Garhart, Girdwood VFD/CERT</p> <ul style="list-style-type: none"> - Looking into a HAM radio class. Working with Whittier PD and other local groups trained up for next disaster. Monthly meetings ongoing. 		
<p>Emergency Operations Center</p>	<p><u>Andrew Preis – Programs Manager, OEM:</u></p> <p>Responses:</p> <ul style="list-style-type: none"> - No current responses. OEM director was notified yesterday (9/19) of the emailed bomb threat to ASD and other school districts around the State. - Eklutna Hydro project had an ongoing spill event due to inclement weather. OEM worked to coordinate between Chugach Electric and facility operators, and the 	<p>Tom Fenoseff. School District point of contact for the DOD facility grant program.</p>	

	<p>internal leadership team at OEM. These events do not happen often or create an issue to the general public.</p> <p>EOC facility update:</p> <ul style="list-style-type: none"> - Safety inspection update, some of the safety issues around the facility have been addressed by facility maintenance, some still outstanding items. - OEM staff managing grant funds for EOC to get a new roof installed - OEM staff managing potential grant program to pay for new whole EOC facility 		
<p>Ex-Officio member comments</p>	<p>Aviva Braun, NWS – New land zones went into place 9/19/23 to address and reduce overlap in alerting.</p> <p>Dr. Savvitt – no additional comments.</p>		
	<p>10-minute break</p> <p>Motion: George Vakalis</p> <p>Second: Ashley Lally</p> <p>Result: Pass unanimous</p>		
<p>Unfinished Business: Open LEPC positions</p>	<p>Open positions ideas: Transportation ideas – Alaska Railroad, Linden, Matson. Media – KTUU, ADN, public radio Health/Medical – Recruit new program manager once hired Non-Profit – United Way of Anchorage, BOMA</p> <hr/> <p>State funding letter update. Work session conducted recently, John Huffman presented his research on LEPC effectiveness and efficiencies. Drafted letter with the intent to send to LEPCA at the State for feedback and hopefully action. Anchorage LEPC received draft letter to offer feedback on 8/29. Vakalis, good letter, reported out a typo. Brian Dean, asking if local jurisdictions are able to</p>	<p>Motion to approve letter as amended. Vakalis Huffman Passed unanimous</p>	<p>Andy to conduct outreach to different groups to drum up interest. Related to funding letter, OEM to facilitate handoff of the letter to the LEPCA, will report out at Q4 LEPC meeting.</p>

	<p>meet minimum standards. The short answer is no, because smaller jurisdictions don't have funding in order to meet those minimum standards and objectives. Suggested an edit end of paragraph 4 at the end to read "without tangible support from leaders, we will have trouble meeting minimum standards, rather than planning proactively." John Huffman, UAA EM. Has shared the letter's intent with director DHS&EM and he is optimistic that this will lead to some changes in the future.</p>		
<p>New Business:</p>	<p>N/A</p>		
<p>Public Comment</p>	<p>Brenntag rep, huge chemical transporter. Now have an Anchorage facility. Introducing themselves to the community</p> <p>Kathy Shea, ADEC. Open house at the spill prevention response warehouse 10/24/2023. 2-6pm. 2241 Cinnebar loop, Anchorage.</p>		
<p>Committee Member Comment</p>	<p>Manch Garhart, commented on an update to CPR procedures.</p>		
<p>ADJOURNMENT:</p>	<p>Motion requested to adjourn meeting (time) Motion: Vakalis Second: Lally Meeting adjourned at: 2:31pm Next meeting will be Wednesday DECEMBER 13, 2023 1pm-3pm Loussac Library Moose Room/MS Teams hybrid</p>		


 Signed

12/14/23
 Date



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UPPER COOK INLET TSUNAMI STUDY COMMUNITY MEETING

FOR ALL RESIDENTS
OF THE MUNICIPALITY OF ANCHORAGE
OCTOBER 17, 2023 6:30PM-8:00PM
GIRDWOOD COMMUNITY CENTER
250 EGLOFF DRIVE
GIRDWOOD, AK 99587

FOR MORE INFORMATION, GO TO:
[HTTPS://TSUNAMI.ALASKA.EDU](https://tsunami.alaska.edu)





**ALASKA
EARTHQUAKE
CENTER**



UPPER COOK INLET TSUNAMI STUDY COMMUNITY MEETING

FOR ALL RESIDENTS
OF THE MUNICIPALITY OF ANCHORAGE

OCTOBER 19&20, 2023 6:00PM-8:00PM

WILDA MARSTON THEATER

ZJ LOUSSAC LIBRARY

3600 DENALI STREET

ANCHORAGE, AK 99503

FOR MORE INFORMATION, GO TO:
[HTTPS://TSUNAMI.ALASKA.EDU](https://tsunami.alaska.edu)



Potential tsunami hazard for upper Cook Inlet (UCI)—Study Summary

Until now, there has been no thorough study of tsunami potential in upper Cook Inlet (UCI)

- The new study was conducted under NOAA's National Tsunami Hazard Mitigation Program (NTHMP). Partners include the Alaska Earthquake Center (AEC), the Alaska Division of Geological & Geophysical Surveys (DGGs), and the Alaska Division of Homeland Security & Emergency Management (DHS&EM).
- The final Report of Investigation has been peer reviewed by independent experts and is available via DGGs, along with poster-sized PDF map sheets, GIS data, and additional multimedia resources, at doi.org/10.14509/31018. The interactive online maps are available at tsunami.alaska.edu.

New results explain why the 1964 Great Alaska Earthquake tsunami went undetected in UCI, leading to the misconception that the Anchorage area is immune to tsunami

- UCI has one of the largest tidal ranges in the U.S., with a mean daily tide range of ~8 m (~26 ft). The average difference between highest and lowest tide of the year is ~12 m (~40 ft).
- We simulate the magnitude 9.2 1964 Great Alaska Earthquake and tsunami in combination with the recorded tide swings of late March, 1964.
- The 1964 tsunami was 3 m (10 ft) and reached Anchorage around 2 am, approximately 8.5 hours after the earthquake. However, low tide near Anchorage occurred at 12:51 am, only an hour before the tsunami arrival, so the impacts were minimal and the highest wave went unnoticed in the middle of the night.

New results indicate a rare, but real, tsunami hazard in low-lying areas around UCI

- A rare combination of earthquake magnitude, location, and timing must be satisfied for tsunami wave energy to reach UCI coincident with a natural high tide.
- Maximum predicted overland flow depths in UCI reach ~10 m (~33 ft) for the lowest-lying tidal areas at the coast approximately 4.5 hours after the earthquake. The worst inundation in developed areas is near river mouths and water bodies that flow directly into the ocean. Wave currents could be as strong as 4 meters per second (7.8 knots).
- Water levels may remain elevated above normal high tide for several hours at a time. Dangerous waves and currents could persist in Upper Cook Inlet for up to 72 hours, during which time the sea could repeatedly advance and recede. The first wave may not be the largest.
- Tsunami hazard in UCI is limited to low-lying areas adjacent to the coast and most Anchorage residents are not at risk from tsunami inundation. Potential inundation zones can still be used safely because there will be hours of warning before a tectonic tsunami would reach UCI.
- Because earthquake-triggered landslides could cause a tsunami, if you are near the coast and feel strong shaking (that lasts more than 20 seconds or makes it difficult to stand), immediately seek higher ground.

More information can be found at tsunami.gov, tsunami.alaska.edu, and ready.alaska.gov or contact:

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Report citation:

Suleimani, E.N., Salisbury, J.B., and Nicolsky, D.J., 2023, Tsunami inundation maps of Anchorage and upper Cook Inlet, Alaska: Alaska Division of Geological & Geophysical Surveys Report of Investigation 2023-2, 56 p., 9 sheets. <https://doi.org/10.14509/31018>