

**Summit Lake Paiute Tribe  
Special Council Meeting  
Thursday, September 23, 2021  
Primary Administrative Office, Sparks, Nevada**

---

**CALL TO ORDER:** Chairwoman Randi Lone Eagle called the Special Council Meeting of Thursday, September 23 2021 to order at 6:01 pm.

**ROLL CALL:** Secretary/Treasurer Eugene Mace, Sr. called the roll: Chairwoman Randi Lone Eagle, present; Vice-Chairwoman Nedra Crane, present; and Secretary/Treasurer Eugene Mace, Sr.; Council Member Philip Frank, present; and Council Member Steven Crane, present.

**STAFF:** James Simmons, Natural Resources Director,

**GUESTS:** William Cowan, Tribal Member; Carol Ostergren, United States Geological Survey (USGS)

### **USGS LiDar Program**

Mr. Simmons said that NRD received a notice that the LiDar program was going to fly over the Reservation soon. The Council wanted to meet to discuss the details and ask questions about the program and the technology.

Ms. Ostergren thanked the Council. She is with the USGS National Geospatial Program. She presented a PowerPoint program. USGS personnel are the stewards for the elevation, topographic information, hydrology information, surface network of the United States data sets and publish topographic maps.

She asked for any questions—There were none.

The Program--

LiDar technology and its applications—LiDar is a technology that is used in a plane. It emits pulsars (light pulses) to the ground and records the reflections that come back as a point cloud of data that have an x, y, and z value. They are positioned in space to record the surface of the earth. The point cloud that is processed to make a surface model of the earth. The plane flies at a generally high altitude in a back-and-forth flight pattern to collect overlapping paths of data. Ms. Ostergren explained some of the things that the flight can detect and how the information can be of benefit. The images are like photographs. They are about 65% done mapping the United States.

Tribal Notification process for data collected over Tribal lands—LiDar can identify archeological digs and other tribal areas. There are tribes who do not want this data in the public domain. USGS is working with Walker River to identify how the tribe wants to use the data and what data goes into the public domain. The USGS sent out a letter to all federally recognized tribes in 2018 notifying them of the program. In early September a letter was sent to SLPT to notify the tribe of that the planes would be flying over the Reservation. She is here to work with the Tribe regarding any concerns over

**Summit Lake Paiute Tribe  
Special Council Meeting  
Thursday, September 23, 2021  
Primary Administrative Office, Sparks, Nevada**

---

archeological and historical sites and other areas of concern, areas which they may want to see in greater detail and/or kept out of public domain.

Ms. Lone Eagle asked if the Tribe did have concerns and would want areas removed from the project, how would this work. Ms. Ostergren explained that the data is in the collection phase now. There is time to work it out. The tribe notifies the USGS and they will redact the data after giving the tribe a copy if they so wish. The Council can contact her whenever they want and she will get back to them.

Mr. Cowan thanked Ms. Ostergren for the overview. He introduced himself and said he appreciated that the USGS came to the tribe in concern for sensitive data. He hopes the Council would form a committee to gather ideas and information from the membership regarding sensitive areas such as cultural, and archeological sites on the reservation. He also approves of getting the data on things like hydrology, ecosystems management, and wildfire management.

Ms. Ostergren will save her presentation as a pdf and send it out to the Council. She wondered if there was anyone there with LiDar or GIS experience. Ms. Lone Eagle believed that there was someone in NRD. Mr. Simmons confirmed that was someone on staff with GIS background. Ms. Ostergren said there were training videos and training opportunities that USGS could help with.

Mr. Simmons thanked Ms. Ostergren for coming and giving the presentation. He had some questions about the technology.

- Mr. Simmons asked how high do they fly to do the survey. Ms. Ostergren said around 3000 feet.
- Mr. Simmons said he always thought LiDar stripped away the vegetation and only showed topography, but he heard that it can also show the vegetation and asked if that was true. She said it was true. It depends on which data in the point cloud is used and defined by the chosen application and its tools to interpret the data.
- Mr. Simmons asked if the program was a one-time effort or will it be done periodically. Ms. Ostergren said it is something they can plan for but is dependent on the budget. There is hope that the State of Nevada might plan for the periodic updates.
- He asked how LiDar compares to satellite imagery. Ms. Ostergren explained LiDar collects data as a 3-D image and can be used with the satellite photographic data for a more detailed picture.
- Mr. Simmons asked if LiDar can pick-up animals. She said she did not think it would pickup animals but sometimes it can identify cars in general.
- He asked what are the drawbacks and limitations of LiDar, does anything like satellites get in the way of the data collection. Ms. Ostergren mentioned clouds

**Summit Lake Paiute Tribe  
Special Council Meeting  
Thursday, September 23, 2021  
Primary Administrative Office, Sparks, Nevada**

---

and how the cloud layer in Nevada has, at times, created delays in the data collection.

- Mr. Cowan asked if there is a ground level process validating the data set. Ms. Ostergren said that yes, there is ground control in the field to verify things like vegetation.

Mr. Mace talked about the Fallon Naval Airbase doing bombing runs in the area and wondered if the LiDar could detect the bombsites. The Council is concerned about the locations of the bombsites. Ms. Ostergren said they can detect structures, but questions if they can see debris or identify a structure as a bomb site. Mr. Mace said they are looking for bombing practice areas. Ms. Lone Eagle explained the situation with the proposed expansion of the area for bombing runs. SLPT does not feel that the bombsites are close the reservation for now. It is a concern for Walker River. Ms. Ostergren is not sure that LiDar can show that because the data it collects is a snapshot which could be before or after a bomb run. There was a brief discussion about this topic.

Ms. Ostergren asked for any further questions. Hearing none, she thanked the Council for their time. She hoped that the tribe will take advantage of the data collected. She left the meeting at 6:53 pm.

Mr. Cowan was grateful for learning about the data. He thanked the Council and left the meeting at 6:54 pm.

Ms. Lone Eagle had a question for the Council regarding availability for a Tuesday, October 5, 2021 meeting with Tribal Alliance Inc. at 10:30 am to discuss the Tribal Impact Law, new state laws directly impacting tribes and tribal citizens. They will bring an Immunize Nevada free vaccination truck. Ms. Lone Eagle read the letter requesting the meeting. Brian of the BIA is also requesting that the meeting take place.

Ms. Crane stated that at the Tribal Summit she had been asked by Stacey Montooth to review a policy regarding collaboration between State Agencies and Tribes. Ms. Crane had passed out copies at the September 18, 2021 Regular meeting. Ms. Montooth would like to receive any comments.

Although she will be unable to attend, Ms. Lone Eagle will coordinate the meeting. There was a discussion.

Mr. Mace asked about getting vaccine booster shot. Ms. Lone Eagle read that the booster shot must be of the same type as the original vaccine, Pfizer to Pfizer, Moderna to Moderna. Pfizer has been approved but Moderna is still awaiting approval. She also read a list of people eligible for booster shots.

**Summit Lake Paiute Tribe  
Special Council Meeting  
Thursday, September 23, 2021  
Primary Administrative Office, Sparks, Nevada**

---

Ms. Lone Eagle mentioned that Ms. New Moon is attending the Legal Symposium and for the December 6 through 8, 2021 training. She would like to know who else is planning to go with her. Ms. Lone Eagle will request time off to attend if possible.

Mr. Simmons had resolutions ready for projects which were approved to move forward at the September 18, 2021 Regular meeting.

First is the Camera pilot program from the UNR graduate student. Mr. Simmons read the resolution.

**MOTION: Vice-Chairwoman Nedra Crane moved to accept and approve Resolution SL-54-2021 Approval of Pilot Study of Graduate Student at University of Nevada-Reno (UNR) for Instant Camera System ID and to Count Fish with a reading of the resolution. Council Member Philip Frank seconded the motion. Chairwoman Randi Lone Eagle called the vote: 4 FOR\$, 0 AGAINST, 0 ABSTAINED. Resolution SL-54-2021 enacted at 7:09 pm.**

Mr. Simmons introduced Resolution SL-55-2021 for the approval of permission for Graduate Student at UNR to take samples from the Lake to look for fluoridated chemicals. Mr. Simmons read the resolution.

**MOTION: Vice-Chairwoman Nedra Crane moved to accept and approve Resolution SL-55-2021 Approval of University of Nevada-Reno (UNR) to Test for Fluoridated Chemicals in Reservation Waters with a reading of the resolution. Council Member Steven Crane seconded the motion. Chairwoman Randi Lone Eagle called the vote: 4 FOR\$, 0 AGAINST, 0 ABSTAINED. Resolution SL-55-2021 enacted at 7: 11 pm.**

Mr. Simmons gave an update regarding the Equipment Building. He made an error in not asking for quoted using Federal standards. He went back to the vender and asked for revised quotes, including the Federal regulations. One vender sent back a revised quote at a significantly increased price with an almost double labor rate. He will wait for replies from the other vendors, but he will look to find additional funding.

Mr. Simmons updated about engaging experts for a historical/anthropological study. He talked to a Professor at UNR who recommended a professional historical research firm in Reno, Nevada. They have requested copies of any old documents like treaties prior to the 1913 establishment of the Reservation. Ms. Lone Eagle said there may be some old document files in the file cabinets in the Enrollment office. Ms. Marshall has been going through old files and may have seen some. If not, Mr. Simmons can contact the BIA archives.

**Summit Lake Paiute Tribe  
Special Council Meeting  
Thursday, September 23, 2021  
Primary Administrative Office, Sparks, Nevada**

---

The Nevada Division of Environmental Protection (NDEP) would like to have a hearing concerning the Hycroft Mine Permit Application. They can meet weekdays at 6:00 pm. They would also like to know if SLPT wants to hold a public meeting where the public—everyone—can attend or do they want to make it a private meeting. Consider the available space it will be a private meeting for the Tribe. There would be a discussion of the air quality/pollution regulations and what is required for permitting. Then they would like questions and comments from the Tribe. The meeting will be with Zoom attendance available as usual and open to the membership who can attend with prior notice (to get Zoom link).

The meeting with NDEP was set for Tuesday, October 5, 2021 at 6:00 pm.

Mr. Simmons talked about a handout for the NDEP Bureau of Water Quality. The state had been mandated to have a process for special waters. They are calling it Ecological Aesthetic Waters (EAP). Comments from the Council are due at the General Meeting on October 18, 2021. NDEP is requesting any comments by October 22, 2021. If there are no comments, they would like a letter from the Tribe stating they are in favor. If there are no comments, he will draft a letter to be signed by the Chairwoman in favor and send it to NDEP.

Coalition for Healthy Nevada Lands is sending a letter regarding feral horse removal to the Debra Haaland, Secretary of the Interior. Mr. Simmons asked the Council to review the letter at the Regular meeting to see if they would like to sign-on to the letter as part of the Coalition. It is due September 24, 2021. His contact at the Coalition said that there would be more letters going out in the future. Mr. Simmons stated that the Council should take their time and review it to see if they are comfortable supporting the Coalition or not. The Council in support of the letter and gives Mr. Simmons the approval to contact the Coalition to add Summit Lake Paiute Tribe and Chairwoman Randi Lone Eagle to the letter in the morning.

Mr. Simmons has consulted with the staff and discovered that in 2014 and 2015 a backhoe was used to clear the channel at Mahogany Creek. There may be a need to put in an artificial passage in the creek sometime in the future. The National Fish Passage (NFP) Program is asking for proposals for funding. Mr. Simmons asked for permission to send a proposal for design options only for a connector from creek to lake to get ahead of the game, to have a design ready when it is needed. There was a brief discussion. The Council was in favor. Mr. Simmons said it is due in two weeks, but had talked to NFP and they are willing to work with him if missing the deadline. He will have a draft ready for Council review by October 8, 2021.

There was a discussion about the backhoe that Mr. Cowan had expressed interest in seeing that had been available for sale.

**Summit Lake Paiute Tribe  
Special Council Meeting  
Thursday, September 23, 2021  
Primary Administrative Office, Sparks, Nevada**

---

Ms. Simmons discussed Mr. Cowan and his interest in bidding on the ATVs and backhoe. It has been arranged for Mr. Cowan to see the ATVs on September 20, 2021. There was discussion on the backhoe. It is currently not available for sale. It was also decided that there will be a big auction after the May General meeting 2022 where they will auction off various things including the back hoe. Mr. Simmons will notify Mr. Cowan. If Mr. Cowan has any questions, he should talk to the Council.

**MOTION: Vice-Chairwoman Nedra Crane moved to adjourn. Secretary/Treasurer Eugene Mace, Sr. seconded the motion. Chairwoman Randi Lone Eagle called the vote: 4 FOR. 0 AGAINST, 0 ABSTAINED. Meeting adjourned 7:58 pm**

I, **Eugene Mace, Sr.**, Secretary/Treasurer of the Summit Lake Paiute Tribal Council, hereby certify that the Minutes of the September 23, 2021 Special Council Meeting were approved with corrections by the Council during a duly held meeting October 16, 2021 at which there was a quorum present, and the Council voted: **4 - FOR; 0 - AGAINST; 0 - ABSTAINING**, Chairwoman Randi Lone Eagle did not vote because there was not a tie vote.

11/20/2021  
Date

Eugene Mace  
Eugene Mace, Sr.  
Secretary/Treasurer  
Summit Lake Tribal Council