



OPRD Scientific Research permit #213

Must be carried by the permittee while executing permit

A scientific research and collection permit is required for most scientific and some educational activities pertaining to natural and cultural resources that involve specimen collection, field work, or that may have the potential to disturb natural and cultural resources on OPRD owned or managed lands, which includes state parks and the ocean shore.

This approved permit provides authorization, with conditions and requirements, for investigators named herein to perform research or collections as described under the "project summary" section. For questions or inquiries please contact B Seeger by email at Billie.Seeger@oregon.gov or by phone at 541-220-3786

Project Title:	Jupiter Cable Geophysical and Geotechnical Site Investigation
Status:	Approved
Permit Valid:	2021-05-20 to 2021-05-24
Organization:	Edge Cable USA Holdings, LLC
Primary Applicant:	
Investigators:	Devin Bedard: (585) 507-1712 Devin.bedard@erm.com Nigel Crook: (206) 669-3730 ncrook@hgiworld.com Michael McNeill: (509) 846-4612 mmcneill@hgiworld.com
Project Summary:	This study will identify any potential subsurface void spaces, cavities, or zones of weakness beneath Lot 3200 & shoreline that could be related to recent HDD activities. The survey will overlay an approx. 750-ft section from Lot 3200 to low tide. Electrical resistivity tomography (ERT) and multi-channel analysis of surface waves (MASW) will be used for this near-surface study. A total of 3 ERT and MASW pathways will be laid on the beach, 1 line directly over the bore path and 2 lines 25 ft north and south of center line. There will be no surface disturbance. The survey is proposed for between 8am and 5 pm over 5 days - 20 to 24 May 2021 - pending weather and ocean conditions. No specimen samples (e.g. soil) will be collected. No vehicles will enter the beach & will remain on Lot 3200. Traffic control and cones will be put in place to allow pedestrian and vehicle crossing during the survey. All equipment will be tracked so no equipment is left on the beach once the survey is complete
Area of Study:	The study is proposed in an approximately 750-foot by 50-foot area of Tax Lot 3200 and the beach located adjacent to the lot in Township 4 South, Range 11 West, Section 100, Tillamook County (Study Area). The Study Area is located between the higher high and extreme lower low water marks.
Permitted Park Locations:	



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Condition	Condition Description
1	All activities shall comply with applicable federal, state, and local laws, regulations, and ordinances. Any necessary federal, state, or local permits shall be obtained prior to the beginning of the activity. Copies of those permits must be provided to the Park Manager before work begins.
2	The Permittee assumes full responsibility and liability for any damages or injury to any member of the public arising out of the activity, including personal injury and property damage, and for any damage to park property.
3	The Permittee shall indemnify and hold harmless the State of Oregon, its Parks and Recreation Commission and members thereof, the State Parks and Recreation Department, and its officer, agents, and employees against any and all damages, claims, or causes of action arising from or in connection with the activity.
4	The study shall be completed only in those areas identified in and approved through this permit.
5	For activities on the ocean shore, a special drive-on-beach permit is needed for any areas closed to motor vehicles.
6	The Permittee shall carry a copy of this permit at all times while on OPRD managed or owned property, and must be able to show the permit to OPRD staff upon request.
7	The Permittee shall submit a summary of the information gathered to the Park Manager where the investigations took place, and to the OPRD Stewardship Section in Salem, Oregon. The Department further requires that the Permittee shall provide to the Department any materials published because of this permit.
8	The Permittee shall contact the Park Manager(s) at least 48 hours prior to each occurrence of the permitted activity.
9	OPRD reserves the right to cancel this permit for any reason.
10	Signage, safety cones and any other project related equipment on the beach shall be removed at the end of each day and following the completion of the project.
11	Permittee shall at no time block the public's north-south access on the ocean shore, nor interfere with the public right to recreate on the ocean shore.
12	Operations are confined to daylight hours; no earlier than 7 AM and no later than 7 PM.