



OPRD Scientific Research permit #203

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 Ground Penetrating Radar Survey
Status:	Approved
Permit Valid:	2021-04-12 to 2021-04-15
Organization:	Edge Cable USA Holdings, LLC
Primary Applicant:	
Investigators:	
Project Summary:	This project involves an investigation using ground penetration radar (GPR) to identify the sub-surface area of the beach. This is a geophysical method that uses radar pulses to image the subsurface. It is a non-intrusive method of surveying the sub-surface to investigate the media along the horizontal directional drill bore under the beach. This system is used to detect subsurface objects, changes in material properties, and/or voids and cracks in the media. The GPR equipment is the size of a household lawn mower. The beach survey area will be accessed via Lot 3200. Onsite survey will occur between 8 am and 5 pm. The survey will take approximately 6-8 hours over 1 to 3 days, depending on weather conditions and tides. The GPR is a non-invasive survey method that uses electromagnetic energy and will not disturb to the beach.
Area of Study:	The study is proposed in an approximately 335-foot by 65-foot area of the beach adjacent Lot 3200 in Township 4 South, Range 11 West, Section 1DD Tillamook County (Study Area). The Study area is between the higher high and lower low water mark.
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	Permittee shall at no time block the public's north-south access on the ocean shore, nor interfere with the public's' right to recreate on the ocean shore.
11	Operations are confined to daylight hours; no earlier than 7 AM and no later than 6 PM. The scientific research activities shall only occur on weekdays.