

OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
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1 report released

Portland, Oregon: The Oregon Department of Geology and Mineral Industries (DOGAMI) is releasing one report today. The report is:

Open-File Report O-04-17, An evaluation of the risks from storm erosion and overwash of the Elk River Spit, Oregon, associated with restoring Western Snowy Plover breeding habitat: Technical report to the U.S. Fish and Wildlife Service, by Jonathan C. Allan, Oregon Department of Geology and Mineral Industries, Coastal Field Office, Newport.

This report contains an assessment of the geologic risk associated with restoring the Elk River Spit for the purposes of developing a Western Snowy Plover breeding habitat on the spit. The general objective of this study is to provide an assessment of the dune and beach morphology of the Elk River Spit and an evaluation of the relative risks involved in modifying those environments to enhance plover habitat. The Elk River Spit is located mid-way along the Port Orford littoral cell and is bounded by the Port Orford headland (The Heads) in the south and Cape Blanco in the north, with a total shoreline length of 11 km.

The Pacific coast population of the Western Snowy Plover (*Charadrius alexandrinus nivosus*) is listed as threatened under the Endangered Species Act. Western Snowy Plover

breed primarily on coastal beaches from southern Washington to southern Baja California. They breed and winter along the Oregon Coast, which is located at the more northern extent of their range. The birds are currently found at nine sites along the south central Oregon Coast between Cape Blanco and Heceta Head. However, they were historically found at more than 20 sites along the coast from Pistol River to the Columbia River.

Open-File Report O-04-17 is available for \$10. It can be purchased from the Nature of the Northwest Information Center (NNW), 800 NE Oregon Street #5, Portland, Oregon, 97232. You may also call NNW at (503) 872-2750 or order online at <http://www.naturenw.org>. There is a \$3 shipping and handling charge for all mailed items. Please allow 2 weeks for delivery.

Additionally, these items as well as all department maps can be purchased at DOGAMI Field Offices including 5375 Monument Drive, Grants Pass, (541) 476-2496 and 1510 Campbell Street, Baker City, (541) 523-3133.

The Oregon Department of Geology and Mineral Industries is an independent agency of the State. It has a broad responsibility for developing a geologic understanding of natural hazards. The Department then makes this information available to individuals, businesses and communities to help reduce the risks from earthquakes, tsunamis, landslides, floods and volcanic eruptions. The Department assists in the formulation of State policy where an understanding of geologic materials, geologic resources, processes, and hazards are key to decision-making. The Department is also the lead State regulatory agency for mining, oil, gas and geothermal exploration, production, conservation and reclamation.

For more information, contact James Roddey at 800 NE Oregon St., Portland, OR 97232, (971) 673-1543 or on cell phone at (503) 807-8343. DOGAMI field offices can be contacted at: 1510 Campbell St., Baker City, (541) 523-3133; 5375 Monument Drive, Grants Pass, (541) 476-2496; and the Mined Land Regulation and Reclamation Program, 229 Broadalbin St. SW, Albany, (541) 967-2039.

Learn more about Oregon's geology by going online at:

<http://www.oregongeology.com>

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