

Public Information:  
 U.S. Army Corps of Engineers  
 Portland District  
 P.O. Box 2946  
 Portland, Oregon 97208-2946  
<http://www.nwp.usace.army.mil>  
 Phone: 503-808-4510

2009



**US Army Corps  
 of Engineers**  
 Portland District

## Green Peter Lake and Foster Lake, Oregon

### TO ENJOY A SAFE OUTING OBSERVE THESE SAFETY TIPS

#### BOATING

Wear a personal flotation device (PFD), and observe posted boating speeds at all times.

#### WATER SKIING

Have two people in the tow boat, one to drive and one to watch the skier. Avoid skiing near swimmers and fishermen. ALWAYS wear a life jacket when skiing and NEVER ski after dusk.

#### FISHING

Stay clear of boat channels and swimming areas. While trolling, watch the water ahead for boats, swimmers and underwater obstacles.

#### SWIMMING

Use the buddy system. Swim only in posted swimming areas away from docks and boating areas.

#### UNDERWATER HAZARDS

Floating logs, submerged stumps and rocks are present in the lake. Be especially watchful for obstructions near the shoreline.

#### SMALL CRAFT WARNINGS

Dangerous waves can build up suddenly. Stay out of open waters when winds become threatening.

#### SEAPLANE INSTRUCTIONS

Please exercise caution - heavy boat traffic may be encountered when landing on the lake. Refer to *Seaplane Operations at Corps Lakes* for specific regulations.

#### FIRE PREVENTION

The fire potential is generally high during the recreation season. Help prevent forest fires by putting out camp fires completely and disposing of all refuse in trash cans. Build fires only in designated fire rings.

Under the Archeological Resources Protection Act of 1979, it is illegal to excavate or remove artifacts from federal land. Violators are subject to a fine of not more than \$100,000, imprisonment of not more than five years, and forfeiture of all equipment (including vehicles) used in connection with a violation.

Federal rules and regulations concerning the use of areas are set forth in Title 36, Chapter III of the Code of Federal Regulations and are on display in the areas of the project most frequently used by the public.



Green Peter and Foster lakes are located on the middle and south forks of the Santiam River. They are operated by the Corps of Engineers as part of a system of thirteen multi-purpose dams and reservoirs that make up the Willamette Valley Project. These dams and reservoirs work together for the purposes of flood damage reduction, hydropower generation, irrigation, recreation, fish and wildlife enhancement and downstream water quality improvement within the Willamette River drainage system.



#### Dam Operation and Hydropower

Green Peter Dam is a concrete structure with a gated spillway, and Foster Dam is a rock-fill structure with a concrete gated spillway. They were completed in 1968 at a cost of \$82.3 million. Since then, they have prevented more than \$1 billion in potential flood damages. During flood season, the dams hold back water to regulate downstream flows. During summer and fall, the cool, clean water that is slowly released from the dams improves downstream water quality.

Green Peter Dam, the principal facility, has two hydropower generating units capable of producing a total of 80,000 kilowatts. Foster Dam, located about 7 miles downstream, is used to regulate power-generating water releases from Green Peter Dam and regulate flows from the South Santiam River. Foster Dam has two generators capable of producing 10,000 kilowatts.

#### Recreation

Green Peter and Foster lakes are popular recreation areas for fishing, boating, water skiing, swimming, and picnicking. Linn County Parks and Recreation Department operates the day-use areas, boat ramps and campgrounds at both lakes. More information about these facilities can be obtained at [www.co.linn.or.us/parks](http://www.co.linn.or.us/parks) or by calling 541-967-3917.

#### Fish Management

To mitigate impacts to salmon and steelhead caused by the dams, the Corps of Engineers built the South Santiam Fish Hatchery and a fish collection facility at the base of Foster Dam. Fish collected at the facility are transported back to the hatchery or released above Foster Dam to access upstream spawning habitat. The fish facilities are operated by the Oregon Department of Fish and Wildlife, with funds provided by the Corps and the State of Oregon.

### Project Data

#### Green Peter Lake

Dam	Measure	Metric
Length	1,500ft	457.2m
Height	327ft	99.7m
Elevation (NGVD*)	1,020ft	310.9m
Total kilowatt capacity	80,000kw	

#### Lake

Length	10mi	16.1km
Area when full	3,720ac	1,505.4ha

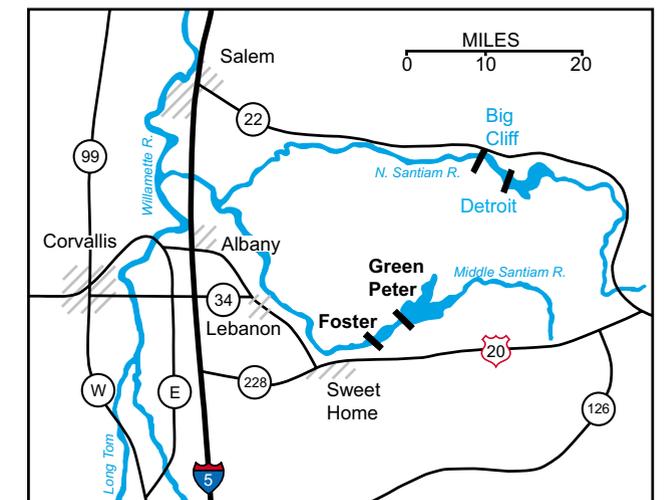
#### Foster Lake

Dam	Measure	Metric
Length	4,565ft	1,391m
Height	126ft	38.4m
Elevation (NGVD*)	646ft	196m
Total kilowatt capacity	20,000kw	

#### Lake

Length	3.5mi	5.6km
Area when full	1,220ac	493.7ha

\* NGVD National Geodetic Vertical Datum (Mean Sea Level)





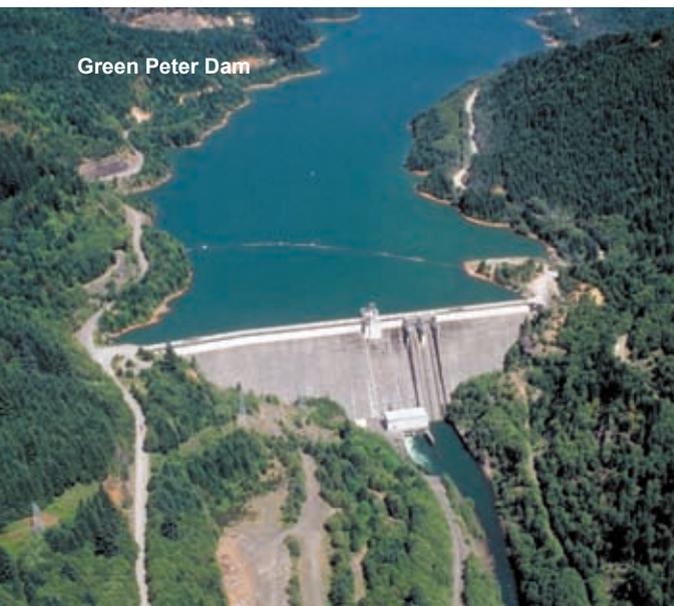
Foster Dam

	Day-Use	Restrooms	Hiking Trail	Drinking Water	Swimming Area	Camp Sites	RV Camp/Utilities	Reservable Sites	Fees	Boat Launch	Showers	Marina/Boat Moorage
<b>FOSTER LAKE</b>												
Andrew S. Wiley Park												
Shea Point												
Gedney Creek Ramp*												
Lewis Creek Park*												
Sunnyside Park*												
<b>GREEN PETER LAKE</b>												
Thistle Creek Ramp*												
Whitcomb Creek Park*												

\*Operated by Linn County Parks, 541-967-3917



Swim beach at Lewis Creek Park



Green Peter Dam

