

# Phantom Creek Basin

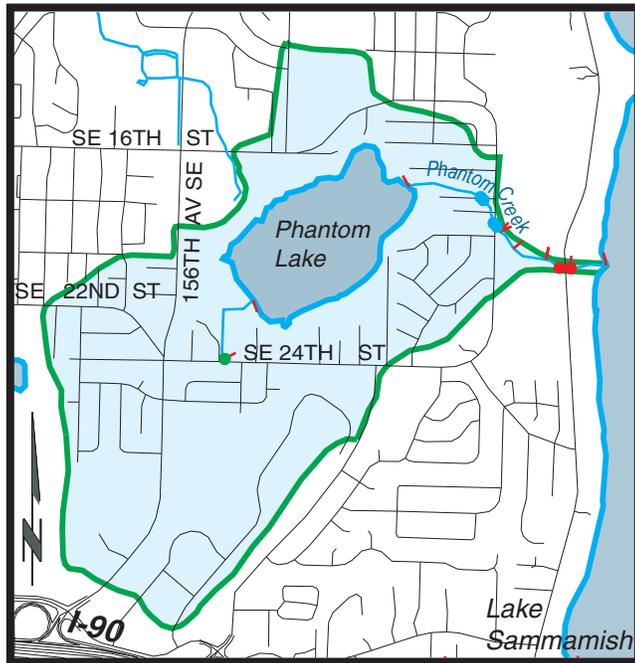
Lake Sammamish Watershed

City Basin Population (2000): 1,179

Basin Areas: 529 Total Acres  
City 529 Acres  
Drainage Jurisdictions: Bellevue  
% Impervious 36%  
Basin Relief 226ft  
Basin Energy 0.2  
Basin Length 1.6 mi  
Average Basin Width 0.5 mi

Land Use Within the City Area	
Single family residential	49%
Multi-family residential	<1%
Commercial/Office	1%
Industrial	15%
Institutional/Government	5%
Open Space/Park	8%
Mixed use/Misc.	<1%
Public streets	0%

Total Length of Open Channel 3,757 ft



SCALE 1" = 2400'

**Fish Use:** Historical references suggest that the downstream segment of Phantom Creek (08-0154) could have been used by coho salmon and possibly sockeye (Williams et al 1975). Further upstream, electrofishing surveys by The Watershed Company in 1997 and 2001 did not find any fish (Johnston, 14 May 1997). The upper segment had dried into isolated pools, which were inhabited by at least two bullfrogs.

Despite absence of fish during electrofishing surveys, all segments of Phantom Creek upstream of the falls are considered to have slight fish use due to their connectivity with Phantom Lake. Phantom Lake is known to contain warm-water fish species. The discovery of small bass in some of the pools at Weowna Park during a Watershed Company-designed restoration project confirms this classification (Way, A. William 2001). These fish had evidently washed downstream from Phantom Lake, since cascades and gradients greater than 25 percent prevent upstream migration in Phantom Creek.