

## Silver Springs Single Family Drainage Committee .... 2019

# What is Stormwater Runoff?



Stormwater runoff occurs when rain or melting snow flows across land and impervious surfaces like roofs (house footprints), driveways, parking lots, streets, and other hard surfaces. These impervious surfaces don't allow stormwater to soak into the ground, the runoff can cause flooding. Our Community has channels, streams, stormdrains.



[Parcel S](#) - Drainage Channel along the back of Silver Springs Lots 199, 200, 201, 202.

Some provisions have been designed into our neighborhood to collect runoff water in channel proximity, to avoid flooding. These channel waters run into the community lakes, local creeks and streams that divert runoff to lower elevations such as the Swaner Nature Preserve and into the wetlands around Treasure Mountain Estates (lined on south and east by Old Ranch Road) or into areas such as Spring Creek, Silver Creek Estates, Silver Creek Village, etc.

Link: [Silver Springs Community Drainage Channels](#)

As storm and snowmelt runoff flows across the ground, it may pick up pollutants like grease, oil, pet waste, fertilizer, metals, and other pollutants before entering our Community storm drain system. Stormwater is not treated, so the storm drains lead directly to local waterways, such as, Swaner, Promontory, Jeremy, Mountain Dell, Weber. Unless stormwater is first treated, the pollution picked up by the stormwater runoff enters our waterways. Stormwater pollution and flooding harms our environment, pets and wildlife, and can damage property.



MAP OF SILVER SPRINGS CHANNELS AND CREEKS.



Ski run snow melt runs to the foot of the mountains into the water shed, becomes subterranean water and runoff.