

PROTECT YOUR PROPERTY FROM STORMWATER RUNOFF

Redirect water, reduce erosion, and protect homes before heavy rain or snowmelt

INTERCEPT • SLOW • DIRECT • DISCHARGE SAFELY

BEST METHODS FOR BEAR VALLEY HOMES

1 EXTEND DOWNSPOUTS

Use solid pipe to carry roof water 6 to 10 feet from the foundation. Release it onto rock or vegetation, away from icy walkways.

2 DIVERSION SWALES

Build a shallow channel on the uphill side of the home or garage. Route runoff around structures toward a stable outlet.

3 ROCK-LINED CHANNELS

Use a dry creek bed or armored channel for visible surface flow. Rock reduces erosion and keeps water in a controlled path.

4 DRIVEWAY DRAINAGE

Use trench drains, maintained culverts, and rock aprons. Clear leaves, pine needles, mud, and branches before storms.

5 GRADING AND VEGETATION

Slope soil away from structures. Cover bare ground with native plants, mulch, erosion matting, terraces, or rock checks.

6 FRENCH DRAINS

Use for groundwater, seepage, or persistently wet soil. Redirect heavy surface runoff first. French drains are not flood channels.

WHEN A STORM IS APPROACHING

Clear gutters and culverts • Place sandbags at low openings • Test sump pumps • Move valuables off floors • Keep drainage paths open

AVOID THESE MISTAKES

- Do not divert water onto neighboring property or District roads.
- Do not block natural drainage routes or modify roadside culverts without approval.
- Do not enter moving water to clear a drain. Sandbags are temporary protection only.

Report blocked District drainage facilities or roadway culverts to BVCSD.



Major grading, retaining structures, or drainage modifications may require professional design and approval.