

Reducing Stormwater Runoff



Goals:

- To prevent *stormwater* discharges from post-construction projects from causing or contributing to downstream violations of water quality standards of any pollutant of concern to the maximum extent practicable (MEP); and
- To promote the improvement of ambient water quality by reducing the discharge of pollutants in *stormwater*

Post –Construction Stormwater Management:

Planning, Planning, Planning!



Post-Construction Stormwater Management begins when the project begins. As a best management practice, use LID (Low Impact Development) principles when designing the project.



LID (Low Impact Development) reduce the amount of volume of runoff by:

- ~Maintain natural buffers and drainage ways
- ~Minimize steep slopes
- ~Minimize placement of new structures or roads over erodible soils
- ~Limit the density of development
- ~Reduce the horizontal footprint – build up not out
- ~Use shallow grassed roadside swales and parking lot islands with check dams instead of curb and gutter storm drainage systems.
- ~Utilize “turf pavers”, gravel or other porous surfaces when possible
- ~Maintain as much pre-development vegetation as possible.



When construction is completed, stormwater management is NOT!

Who will do long term visual inspections maintenance on the stormwater controls?



For more information and a link to the full
Post Construction Site Best Management Practices Manual

go to: [http://www.ci.elko.nv.us/departments/
environmental_department/index.php](http://www.ci.elko.nv.us/departments/environmental_department/index.php)

