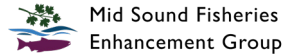




Rainwater runoff is a big deal to salmon

Rainwater runoff carries pollutants to the stream – like yard fertilizers, metals from roof shingles, and pet waste. It can also flow very quickly and powerfully to the stream-- causing erosion and damaging salmon habitat.

Let Mid Sound Fisheries help you make your yard part of the solution.



RE-THINK PAVEMENT

Pavement is laid to make traveling along roads and sidewalks a smooth and predictable experience. Unfortunately, most of the pavement that has been laid has disrupted the natural processes and rainwater can no longer filter through the gravel and soils. Additionally, the smoother a pathway is the faster rain will move over it during storm events. The increased speed allows the run-off to pick up more pollution.

By re-thinking how we pave several strategies have been adopted to reduce the problems that accompany traditional pavement; 1) De-paving, and 2) Alternative Paving Materials that allow rainwater run-off to soak in and often remove pollution from run-off as well.

De-paving (process of removing existing pavement):

To determine if de-paving is a smart choice for your property we will:

- consider if any pavement is redundant or unused
- do a soils test (contaminated soil should remain)

Once it is determined that de-paving is the right choice for your yard we will work with a contractor to:

- remove old pavement
- loosen and amend soils
- plant and top-dress with wood chips.

To properly maintain the area you have de-paved:

- regularly weed and remove invasive species
- reapply wood chips 2x a year to improve soil

Alternative Paving Materials (ie. pervious asphalt and concrete, pavers with extra-wide gaps, grid pavers)



"Each time you remove 1,000 square feet of pavement you prevent 24,000 gallons of polluted stormwater from going into Puget Sound."
(2021, Siegelbaum, Heidi, "When functionality meets beauty: Green Stormwater Infrastructure Portfolio Investments")

To determine if alternative paving materials are a smart choice for your property we will:

- do a soils test to verify the rate water can soak in

Once it is determined that a paving alternative is the right choice for your yard we will work with a contractor to:

- remove old pavement
- lay base material per manufacturer's specification

To properly maintain your alternative paving:

- vacuum permeable paving to remove debris that clogs open spaces.
- replace gravel infill as needed to allow for optimum absorption



...rainwater solutions for your own backyard

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Contact Info: (206) 529-9467 / www.midsoundfisheries.org