

Resources

Listings of particular companies do not constitute an endorsement or guarantee of the quality of the product offered, nor do they necessarily represent the only available suppliers.

GENERAL LID PRACTICES

- ❑ *Low Impact Development Technical Guidance Manual for Puget Sound* at: http://www.psat.wa.gov/Publications/LID_tech_manual05/lid_index.htm
- ❑ Whidbey Island Conservation District: www.whidbeycd.org 360-678-4708
 - LID Technical Assistance and information
- ❑ City of Seattle Green Building Program: <http://www.seattle.gov/dpd/GreenBuilding/OurProgram/Overview/>
- ❑ Seattle Public Utilities/UW Botanic Gardens Design Seminars: <http://depts.washington.edu/urbhort/html/education/stormwater.htm>
- ❑ “A Sustainable Approach to Stormwater Management,” City of Portland Bureau of Environmental Services. <http://www.portlandonline.com/bes/index.cfm?c=34598>
- ❑ Smart Growth Online, featuring ideas for livable communities: <http://smartgrowth.org/default.asp>
- ❑ Reducing Stormwater Costs through Low Impact Development (LID) Strategies and Practices – EPA case studies and fact sheet: <http://www.epa.gov/owow/nps/lid/costs07/>

NEW CONSTRUCTION ON AN UNCLEARED LOT

- ❑ Technical Guidance Document for Clearing and Grading in Western Washington, Washington Department of Community, Trade and Economic Development, May 2005 http://cted.wa.gov/CTED/documents/ID_2062_Publications.pdf
- ❑ “Making a Home in the Woods,” for those planning to build on a wooded lot. <http://www.greenbeltconsulting.com/articles/homeinthewoods.html>
- ❑ “Value, Benefits and Limitations of Vegetation in Reducing Erosion” <http://www.greenbeltconsulting.com/articles/valuesbenefits.html>

Slopes & replanting

- ❑ Island County Shore Stewards: <http://www.shorestewards.org/>
- ❑ “Living on the Shore: A Resident’s Guide to Creating & Managing a Sound Landscape,” available at: www.nativeplantsalvage.org

Washington Department of Ecology Publications:

- *Slope Stabilization and Erosion Control Using Vegetation*
- *Vegetation Management: A Guide for Puget Sound Bluff Property Owners*
- *Surface Water and Groundwater on Coastal Bluffs: A Guide for Puget Sound Property Owners*

All available at: <http://www.ecy.wa.gov/programs/sea/pubs/93-30/using01.html>

Salvaging Plants Before Clearing

Washington State University Extension Gardening in Western Washington:
<http://gardening.wsu.edu/text/nvsalvag.htm>

Grow Your Own Native Landscape: A Guide to Identifying, Propagating, and Landscaping with Western Washington Native Plants, Edited by Michael Leigh, WSU Thurston County Native Plant Salvage Project, 1999. Available

from local libraries, WSU Publications (800-723-1763) or <http://cru84.cahe.wsu.edu/cgi-bin/pubs/MISC0273.html?id=UMIDkvKf>, and www.nativeplantsalvage.org

SOILS

- ❑ Seattle Public Utilities' "Growing Healthy Soils" & "Get to Know Your Soils": [http://www.seattle.gov/util/Services/Yard/Natural Lawn & Garden Care/Growing Healthy Soil/index.asp](http://www.seattle.gov/util/Services/Yard/Natural_Lawn_&_Garden_Care/Growing_Healthy_Soil/index.asp)
- ❑ Washington Organic Recycling Council, "Soils for Salmon": <http://www.soilsforsalmon.org/>
Presents best practices for new construction and redevelopment—includes specifications, compost sources, soil labs, and calculators for builders and designers.
- ❑ Natural Resources Conservation Service: <http://soils.usda.gov/>
- ❑ For illustrated Soil Biology Primer, see: http://soils.usda.gov/sqi/concepts/soil_biology/biology.html

Hand-textural analysis

http://soils.usda.gov/education/resources/k_12/lessons/texture/ or www.nativeplantsalvage.org

Soil textural triangle

http://www.pedosphere.com/resources/bulkdensity/triangle_us.cfm

Nutrient testing

Contact your local conservation district, extension service, or organic nursery for low-cost and no-cost soil testing services.

Composting

- ❑ WSU/Island County Waste Wise: <http://www.wastewise.wsu.edu/compost.html>
- ❑ Seattle Public Utilities' Guide: <http://www.seattle.gov/util/Services/Yard/Composting/index.asp>
- ❑ Workshops & Bin Sales: Check with your local WSU Master Gardeners and Master Composters as well as city or county environmental offices.
- ❑ Washington Department of Ecology permitted composting facilities: <http://www.ecy.wa.gov/programs/swfa/compost/>

Structural Soils

These engineered soils use stone aggregate coated with compost and other materials to create a compact base that can support roads and sidewalks, but still have the large pores for water and airflow, and nutrients, that street trees need to thrive. One good reference is Cornell University's

<http://www.hort.cornell.edu/UHI/outreach/index.html>

Building and Maintaining Urban Soils

Seattle Green Factor workshop series at <http://www.seattle.gov/dpd/Permits/GreenFactor/>

IDENTIFYING & ERADICATING WEEDS/INVASIVE PLANTS

- ❑ Washington State Noxious Weed Board: <http://www.nwcb.wa.gov/>
- ❑ Island County Noxious Weed Control Board: <http://www.island.wsu.edu/weeds/index.htm>
- ❑ King County Noxious Weed Board: <http://dnr.metrokc.gov/wlr/lands/weeds/>
- ❑ The Nature Conservancy Global Invasive Species Initiative: <http://tncweeds.ucdavis.edu/>
- ❑ *Invasive Species in the Pacific Northwest*, Edited by P.D. Boersma, S.E. Reichard and A.N. Van Buren, University of Washington Press, 2007.

- ❑ *Grow Smart, Grow Safe: A Consumer Guide to Lawn and Garden Products*. Philip Dickey, Washington Toxics Coalition. Includes product reviews and sources for least-toxic products. Available at: http://savingwater.org/docs/Grow_Smart_Grow_Safe.pdf
- ❑ Horticultural Vinegar for use in treating weeds in unplanted walkways and driveways (ask your local nursery to stock it): http://www.savvygardener.com/Reviews/Products/bradfield_vinegar.html
- ❑ Flame Weeders, useful for killing weeds between pavers or in gravel in unplanted walkways or driveways, are available through local garden-supply and hardware stores or via the Internet.

SUSTAINABLE LANDSCAPING IDEAS

- ❑ Island County Master Gardeners: <http://www.island.wsu.edu/mastergardener/mginfo.htm>
- ❑ Thurston County Common-Sense Gardening Program: <http://www.co.thurston.wa.us/health/ehcsg/index.html>
- ❑ City of Seattle Natural Yard Care: http://www.seattle.gov/util/Services/Yard/Natural_Lawn_&_Garden_Care/index.asp
- ❑ *The Common Sense Gardening Guide to Natural Lawn Care*, Thurston County: http://www.co.thurston.wa.us/health/ehcsg/pdf/lawn_care.pdf
- ❑ King County Yard & Garden Topics: <http://dnr.metrokc.gov/topics/yard-and-garden/>
- ❑ *Ecologically Sound Lawn Care for the Pacific Northwest*, Seattle Public Utilities, David McDonald, 1999. http://www.seattle.gov/util/stellent/groups/public/@spu/@csb/documents/webcontent/ecological_200312021255394.pdf

Landscape Planning

- ❑ <http://dnr.metrokc.gov/wlr/pi/go-native/PlanList.aspx>
- ❑ <http://dnr.metrokc.gov/wlr/pi/go-native/ArticleList.aspx>
- ❑ Recommended books on “naturescaping”: <http://www.oly-wa.us/NPS/UsefulBooks.php>
- ❑ City of Portland Naturescaping program: <http://www.portlandonline.com/bes/index.cfm?c=dcbec>

Water-wise/Drought-tolerant/Native Plants

See lists of recommended plants at:

- ❑ Thurston County Common Sense Gardening: http://www.co.thurston.wa.us/health/ehcsg/pdf/Plant_Lists/CSG_plants.pdf
- ❑ Native Plant Salvage Foundation: <http://www.oly-wa.us/NPS/Resources.php>
- ❑ Saving Water. org : http://www.savingwater.org/outside_garden.htm See “Choosing the Right Plants” and “The Plant List.”
- ❑ WSU Extension Native Plants database: <http://gardening.wsu.edu/nwnative/>
- ❑ King County’s Native Plant Guide: <http://dnr.metrokc.gov/wlr/pi/go-native/index.aspx>

Water Conservation

Saving Water Partnership: <http://savingwater.org/outside.htm>

Obtaining Plants

Whidbey Island Conservation District’s Annual Native Plant Sale: www.whidbeycd.org

Native plants are typically pre-sold during October through January and picked up at the end of February.

Lists of Native Plant Nurseries & Other Sources:

<http://dnr.metrokc.gov/wlr/pi/npnursry.htm>
<http://www.oly-wa.us/NPS/GoodSources.php>

Street Trees

Check with your local urban forestry program for lists of recommended trees for a variety of spaces. Many supply lists for use in streetscapes that can also be applied to the rest of your yard. For instance:

<http://www.seattle.gov/transportation/treeplanting.htm#recommend>
<http://www.ci.olympia.wa.us/cityservices/urbanforest/neighborwoods/>

Mulching

Practically Easy Landscape Maintenance A Care Manual for Natural Drainage Systems (PAGE 10):

http://www.seattle.gov/util/stellent/groups/public/@spu/@esb/documents/webcontent/spu01_002605.pdf

Sheet mulching: <http://www.oly-wa.us/NPS/SheetMulching.pdf>

NATURAL DRAINAGE, RAIN GARDENS, BIORETENTION

- ❑ *Rain Garden Handbook for Western Washington Homeowners: Designing your landscape to protect our streams, lakes, bays, and wetlands*, <http://www.pierce.wsu.edu> or www.nativeplantsalvage.org.
- ❑ Overview of City of Seattle's Natural Drainage Projects:
http://www.seattle.gov/util/About_SPU/Drainage_&_Sewer_System/Natural_Drainage_Systems/index.asp
- ❑ Recommended Maintenance Guide for City of Seattle, "Practically Easy Landscape Maintenance: A Care Manual for Natural Drainage Systems," Fall 2006.
http://www.seattle.gov/util/stellent/groups/public/@spu/@esb/documents/webcontent/spu01_002605.pdf

Sloped bio-detention: Suitable for slowing down runoff across moderately steep slopes. See www.nativeplantsalvage.org

RAINWATER HARVESTING

General

There are many companies that sell rain barrels and larger storage systems.

Check your local hardware stores or search the Internet for "rain barrels," or "cisterns," depending on your interest.

- ❑ See this King County site for information on cisterns and options for building your own or buying rain barrels: "Rain Barrel Information and Sources—Saving for a Sunny Day: Rain Barrels in the Garden" <http://dnr.metrokc.gov/wlr/PI/rainbarrels.htm>
- ❑ Seattle Rain Barrels offers general installation instructions and directions for determining how much rainwater your roof will generate at each downspout. <http://www.seattlerainbarrels.com/index.html>
- ❑ Garden Watersaver site provides instructions for building your own rain barrel and linking systems. <http://www.gardenwatersaver.com/1.html> or 604-274-6630.
- ❑ This Puget Sound Action Team newsletter provides case studies on collecting rainwater for gray-water and drinking-water systems:
http://www.psat.wa.gov/Publications/LID_studies/rooftop_rainwater.htm

Downspout diverters

A few companies offer downspout diverters, with options for manual or automatic shut off when your rain barrel is full. Check local hardware stores or these companies:

- ❑ Downspout Diverter, closes when barrel is full; \$24.95 from Gardener's Supply Company, 888-833-1412, <http://www.gardeners.com/Downspout-Diverter/default/33-991.prd>
- ❑ "Garden Watersaver," closes when barrel is full; \$29.99 from Clean Air Gardening, 214-363-5170, <http://www.cleanairgardening.com/gawadoat.html>
- ❑ "Save the Rain Diverter," must be manually closed when barrel is full; \$22 from Real Goods, 877-989-6321, <http://www.gaiam.com/retail/product/46209>
- ❑ "Drought Buster," downspout rainwater redistributor, for use with or without rain barrels to direct roof runoff into a stormwater feature. From Clean Air Gardening, 214-363-5170, <http://www.cleanairgardening.com/gawadoat.html>
- ❑ Installation instructions for manual diverter: www.nativeplantsalvage.org

Rain barrel linking systems

- ❑ Check local hardware stores for supplies for making your own.
- ❑ Directions for your own available at: <http://www.gardenwatersaver.com/30.html> and www.nativeplantsalvage.org
- ❑ Rain Barrel Linking Kit, from Gardener's Supply Company, 888-833-1412, <http://www.gardeners.com/Downspout-Diverter/default/33-991.prd>

PERVIOUS PAVEMENTS

- ❑ *Low Impact Development Technical Guidance Manual for Puget Sound* at: http://www.psat.wa.gov/Publications/LID_tech_manual05/lid_index.htm
- ❑ See Case Studies: http://www.psat.wa.gov/Publications/LID_studies/permeable_pavement.htm
- ❑ ToolBase Resources, overview of several systems and manufacturers: <http://www.toolbase.org/Technology-Inventory/Sitework/permeable-pavement>

Permeable Pavers:

- ❑ Interlocking Concrete Pavement Institute: http://www.icpi.org/homeowners/find_installer.cfm
- ❑ Ecostone Pavers: http://www.mutualmaterials.com/Professional_product.asp?pt_id=123&p_id=304

Porous aggregate-containment or reinforced turf systems:

- ❑ Invisible structures: <http://www.invisiblestructures.com/GV2/gravelpave.htm>
- ❑ TerraFirm EcoGrid: <http://www.terrafirmenterprises.com/ecogrid.html>
- ❑ Ecostone Pavers: http://www.mutualmaterials.com/Professional_product.asp?pt_id=123&p_id=304
- ❑ Interlocking Concrete Pavement Institute: http://www.icpi.org/homeowners/find_installer.cfm

Pervious Concrete

- ❑ Concrete Council: <http://www.perviouspavement.org/>
- ❑ National Redi-mix Concrete Association (www.nrmca.org) runs a "pervious concrete placer certification" program
- ❑ www.washingtonconcrete.org

Porous Asphalt

- ❑ Asphalt Pavement Alliance: http://www.pavegreen.com/water_quality.asp
- ❑ Associated Asphalt Contractors, Inc. currently operating out of Everson, WA

GREEN ROOFS

- www.greenroofs.com
- www.greenroofs.org
- www.ecobuilding.org

- www.greenroofs.ca
- www.ecoroofofseverywhere.org
- www.hadj.net

Research on Green Roofs:

- Magnusson Klemencic Associates: http://www.mka.com/home/home_frame.html
- City of Portland Bureau of Environmental Services:
<http://www.portlandonline.com/bes/index.cfm?c=36055&>

MINIMAL-EXCAVATION FOUNDATIONS

Pin Foundations, 253-858-8809: www.pinfoundations.com.