

Appendices

TIP SHEET

PLANNING STRATEGY

Build a Better Kitsap is a “green” building program developed by the Home Builders Association of Kitsap County in partnership with Kitsap County. It is designed for building professionals to make a positive impact on the environment and recognizes exemplary projects. Below are excerpted some of the program’s recommendations for environmental protection of a construction site.

Where disturbance is necessary, mimic natural processes.

Limit site-disturbing activities to the drier months.

Phase construction so that no more than 60% of site is disturbed at one time (less is better).

Set aside at least 20% of site that will not be cleared or graded (more is better).

Preserve 30% of existing native vegetation.

Balance cut and fill in the grading process; however, avoid radically altering the basic topography of the site.

Use more permeable options for driveways, walkways, patios and parking areas such as:

- Uncompacted gravel – for walkways and light traffic areas
- Crushed stone – for walkways and light traffic areas
- Open or porous paving blocks – for driveways and heavy traffic areas and patios
- Hollywood driveway – two long strips of pavement where car wheels need support, separated by vegetation or gravel

Provide an infiltration system for rooftop runoff, designed to receive and direct stormwater from roof downspouts (not from paved areas) to an inlet sump.

Protect against pollutants.

Clearly label storm sewer inlets.

Establish a protocol for proper clean up and disposal of construction waste for all contractors.

Discourage use of toxic landscape materials and methods by providing information about low-toxic alternatives.

Use less toxic form releasers.

Reduce demand for water.

Install a vegetated roof.* (These count as pervious surfaces; check with your local planning office.)

Install a rainwater collection system for irrigation.

Use drought-tolerant landscaping.

Limit use of turf grass.

**Resource for "Eco Roofs" -- contact Tom Liptan, City of Portland, Bureau of Environmental Services, 1211 SW 5th Room 800, Portland, OR 97204, phone: 503-823-7267, fax: 503-823-5344, email: toml@bes.ci.portland.or.us*

BEYOND THESE BMPS

- See a copy of either your local city/county Stormwater Management Manual, or the Washington State Department of Ecology's Stormwater Management Manual Volume II for more detailed information. Visit the HBA of Kitsap County in Bremerton to get a look at a copy of current manuals, phone 360.479.5778.
- Get your own copy of the Kitsap County Stormwater Management Ordinance and Design Manual for more detailed information. Pick one up at the Department of Community Development for \$25, or have one mailed for \$32.50. Call Community Development at 360-337-4544.
- City of Bremerton, Public Works and Utilities, Engineering Division, 360.478.5270.
- City of Bainbridge Island, Department of Engineering, Stormwater Management, 206.842.2016.
- For difficult sites, seek a specialty contractor.

ADDITIONAL RESOURCES

Build A Better Kitsap Handbook

Local information on site protection and other environmental building issues. Receive a copy by becoming a member of *Build a Better Kitsap* or by attending program workshops. Phone the Home Builders Association Program of Kitsap County about joining at 360.479.5778.

Build A Better Kitsap Resource Library

Information on green building practices, including brochures, fact sheets, and copies of some books, articles, and other materials on environmentally friendly building practices. Available at the Home Builders Association of Kitsap County, phone: 360.479.5778.

EBN (Environmental Building News) Articles

A prime resource on energy-efficient, resource-efficient, and healthy building practices. Find it on the Internet at www.ebuild.com, or write for a subscription at Environmental Building News - E Build Inc., 122 Birge Street Suite 30, Brattleboro, VT 05301, phone: 1.800.861.0954.

Oikos Green Building Source

Information for builders about sustainable design and construction, including books and links to suppliers of green building materials. Materials listed by CSI divisions. Updated continually. Find it on the Internet at www.oikos.com, or phone: 800.346.0104 or 541.767.0355.

NAHB Storm Water & Urban Runoff Control Seminar Guide for Builders & Developers Seminar Workbook

Information on development techniques and management practices for storm and surface water management during construction. Available through the National Home Builders Association, phone: 800.368.5242, ext. 538.

“Build Green & Profit” and “Sell Green & Profit” Workshops

Starting in December 1999, workshops for builders, designers, and real estate professionals will cover specifics on how to use the Build a Better Kitsap Program to understand, design, build, and market high-performance, environmentally friendly housing. Free educational materials for your customer are provided, as well as a certificate of attendance and documentation for AIA Learning Units and Realtor Clock Hours. Phone the Home Builders Association of Kitsap County at 360.479.5778.

Washington State Recycling Association

Information on upcoming workshops are posted on <http://www.wsra.net/news/workshop.htm>.

BMP MAINTENANCE CHECKLIST

Performed by: _____
Date: _____
Project name: _____
Permit #: _____

CHECK DAMS

Damage	OK _____	Problem
Overtopping	OK _____	Problem
Other	OK _____	Problem

STABILIZED CONSTRUCTION ENTRANCE AND TIRE WASH

Proper dimensions	OK _____	Problem
Sediment Tracking	OK _____	Problem
Vehicle Restriction	OK _____	Problem
Other	OK _____	Problem

FLAGGED/FENCED CLEARING LIMITS

Damage	OK _____	Problem
Markings visible?	OK _____	Problem
Intrusions	OK _____	Problem
Other	OK _____	Problem

GRASS-LINED OR RIP RAP-LINED CHANNELS

Grass Health	OK _____	Problem
Damage	OK _____	Problem
Gaps/Tears	OK _____	Problem
Other	OK _____	Problem

GRAVEL FILTER BERMS

Damage	OK _____	Problem
Other	OK _____	Problem

INTERCEPTOR DIKE/SWALE

Damage	OK _____	Problem
Overtopping	OK _____	Problem
Other	OK _____	Problem

MULCHING

Rills/Gullies	OK _____	Problem
Thickness	OK _____	Problem
Other	OK _____	Problem

NETS AND BLANKETS

Rills/Gullies	OK _____	Problem
Ground Contact	OK _____	Problem
Other	OK _____	Problem

PLASTIC SHEETING

Tears/Gaps	OK _____	Problem
Other	OK _____	Problem

PRESERVE EXISTING NATURAL VEGETATION

Damage	OK _____	Problem
Vegetation Health	OK _____	Problem
Other	OK _____	Problem

SEDIMENT TRAPS

Sed. Accumulation	OK _____	Problem
Overtopping	OK _____	Problem
Inlet/Outlet Erosion	OK _____	Problem
Other	OK _____	Problem

SEEDING

Percent Cover	OK _____	Problem
Rills/Gullies	OK _____	Problem
Mulch	OK _____	Problem
Other	OK _____	Problem

SILT FENCE/FILTER FABRIC FENCE

Damage	OK _____	Problem
Sediment Build-up	OK _____	Problem
Concentrated Flow	OK _____	Problem
Other	OK _____	Problem

SLOPE PROTECTION

Damage	OK _____	Problem
Rills/Gullies	OK _____	Problem
Other	OK _____	Problem

SODDING

Grass Health	OK _____	Problem
Rills/Gullies	OK _____	Problem
Other	OK _____	Problem

SOIL AMENDMENT

Installed	OK _____	Problem
Thickness	OK _____	Problem
Other	OK _____	Problem

STORM DRAIN INLET PROTECTION

Damage	OK _____	Problem
Overtopping	OK _____	Problem
Inlet Erosion	OK _____	Problem
Other	OK _____	Problem

MISCELLANEOUS

_____	OK _____	Problem
_____	OK _____	Problem
_____	OK _____	Problem

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