

DECLINING INDUSTRIAL DISTRICT    NEGLECTED URBAN RIVERFRONT    LIQUIDATED RAIL CORRIDOR

## Restoring Green Infrastructures

**restore habitat**

**manufactured soil**

a mixture of recycled inorganic and organic material that encourages microorganisms and plants to grow

**remove toxins**

**bioremediation**

use of soil bacteria and other microorganisms to cleanse pollution from soil and water

**phytoremediation**

use of plants that extract, contain and degradate many kinds of pollution

**chemical and mechanical processes**

vitriifying the soil use of high-voltage electrical probes  
excavating the soil, cleansing with use of chemical and mechanical processes, than returned to the site

**direct water**

**apply structural repair**

principles:



Chambers Creek Properties located in Chambers Creek, Washington.



**mined** of steilacoom deposit for over a hundred years.

The site is now owned by Pierce County. In October of 2002 construction of the

**Environmental Services Building** designed by miller/hull and completed.

AIA Top Ten Green Project for 2004



This construction is a part of Pierce County's "Reclaiming Our Resources" a fifty-year master plan to heal and restore the entire site.

# Brown Field Sites

"the neglected sites of the post industrial landscape"

brownfield sites are responsible for continued lose of tax revenue and employment opportunities in urban areas

clean-up of brownfield sites allows for opportunities in community outreach and partnership, job development and training, and environmental justice issues for neighborhood residents

The EPA Borwnfields Revitalization Act of 2002 promotes sustainable brownfield cleanup and reuse by offering a variety of grant programs

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POLLUTED RIVER FLOODPLAIN    SURPLUSSED MILITARY BASES