

Restoration on 32nd Avenue West

South Magnolia CSO Control Project

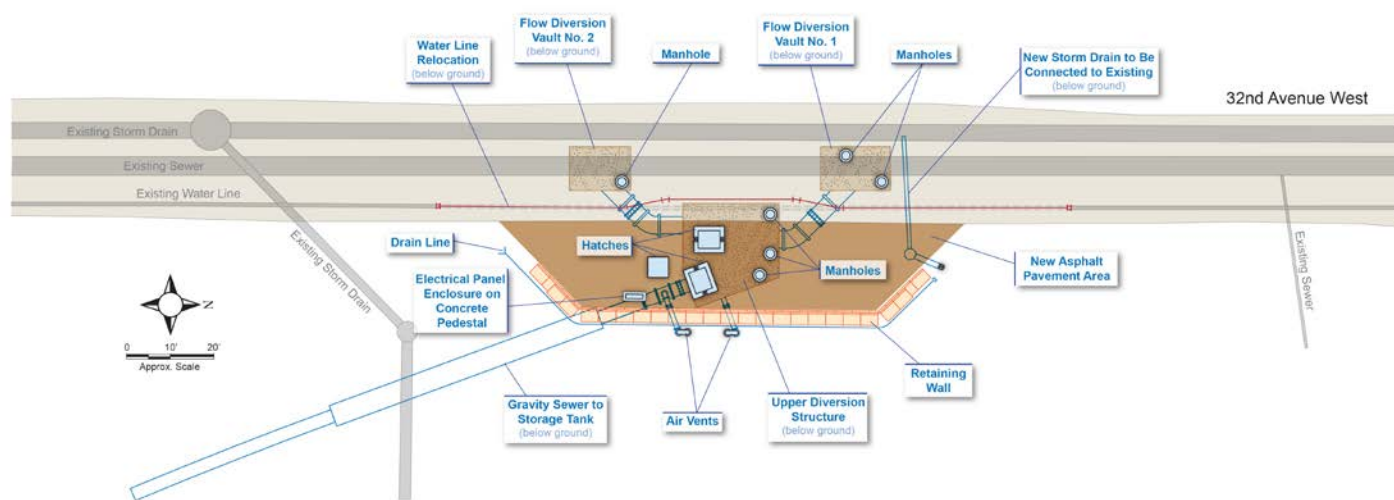
September 2014

Restoring the project area after construction

King County Wastewater Treatment Division works hard to protect the environment and be a good neighbor to communities where our facilities are located. We meet these goals by restoring areas in ways appropriate for site conditions and local guidelines, and by maintaining restoration areas to make sure they succeed.

The project area on 32nd Avenue West between West Galer Street and West Howe Street includes different planting zones: wetland, low/wet areas, and wooded area. The County's restoration plan, approved by the City of Seattle, takes these areas into account with plant selection. The plan increases diversity of plants in the area, adding evergreen trees that help to take up rain water during the winter, and plants like twinberry, thimbleberry, and salmonberry that are good soil binders and help with erosion control. Roots remain from trees that were removed or turned into wildlife snags, dead trees left in place to provide wildlife habitat, helping with erosion control until new plantings are established.

The restoration plan provides benefits to local wildlife. A wider variety of shrubs and trees will provide shelter and food sources for birds and butterflies. Large woody debris and wildlife snags will help birds and other wildlife.



On the east side of 32nd Avenue West, a pullout will allow crews access to above ground equipment in a vault. A permanent retaining wall will be installed behind the pullout. Affected areas of pavement will be restored, and catch basins will be added in the project area to help manage stormwater.

After construction is finished, King County will take over maintenance of the restoration area for a five-year period to ensure that plants get established and invasive weeds are controlled.

SYMBOLS	LIGHT			WATER			FOLIAGE		VISUAL INTEREST	WILDLIFE USE				
	Sun	Part shade	Shade	Wet	Moist	Dry	Deciduous	Evergreen	(Flower icons)	Hummingbird	Songbird	Bee	Butterfly	Butterfly host plant

Plant Name	Native	Foliage	Light	Water	Visual Interest	Wildlife Use
GROUNDCOVERS/HERBS/FERNS						
Creeping Oregon grape <i>Mahonia repens</i>	✓	(Evergreen icon)	(Sun, Part shade icons)	(Wet, Moist icons)	(Flower icons)	(Bee, Songbird, Butterfly icons)
Deer fern <i>Blechnum spicant</i>	✓	(Deciduous icon)	(Sun, Part shade icons)	(Wet, Moist icons)		
Western swordfern <i>Polystichum munitum</i>	✓	(Evergreen icon)	(Sun, Part shade icons)	(Wet, Moist icons)		
Trailing snowberry <i>Symphoricarpos mollis</i>	✓	(Deciduous icon)	(Sun, Part shade icons)	(Wet, Moist icons)	(Flower icons)	(Bee, Songbird, Hummingbird, Butterfly host plant icons)
VINES/GRASS-LIKE PLANTS						
Twinberry honeysuckle <i>Lonicera involucrata</i>	✓	(Deciduous icon)	(Sun, Part shade icons)	(Wet, Moist icons)	(Flower icons)	(Butterfly, Songbird, Hummingbird icons)
Dewey's sedge <i>Carex deweyana</i>	✓	(Evergreen icon)	(Sun, Part shade icons)	(Wet, Moist icons)		(Songbird icon)
Slough sedge <i>Carex obnupta</i>	✓	(Evergreen icon)	(Sun, Part shade icons)	(Wet, Moist icons)		(Songbird icon)
Beaked sedge <i>Carex stipata</i>	✓	(Evergreen icon)	(Sun, Part shade icons)	(Wet, Moist icons)		(Songbird icon)
Slender rush <i>Juncus tenuis</i>	✓	(Deciduous icon)	(Sun, Part shade icons)	(Wet, Moist icons)		(Songbird icon)
Daggerleaf rush <i>Juncus ensifolius</i>	✓	(Deciduous icon)	(Sun, Part shade icons)	(Wet, Moist icons)		(Songbird icon)

SYMBOLS	LIGHT	WATER	FOLIAGE	VISUAL INTEREST	WILDLIFE USE
	Sun Part shade Shade	Wet Moist Dry	Deciduous Evergreen		Hummingbird Songbird Bee Butterfly Butterfly host plant

Plant Name	Native	Foliage	Light	Water	Visual Interest	Wildlife Use
SHRUBS						
Red osier dogwood <i>Cornus stolonifera</i> "Arctic fire"	✓					
Thimbleberry <i>Cornus sericea</i> "Kelseyii"	✓					
Evergreen huckleberry <i>Vaccinium ovatum</i>	✓					
Redtwig dogwood <i>Cornus sericea</i>	✓					
Salal <i>Gaultheria shallon</i>	✓					
Salmonberry <i>Rubus spectabilis</i>	✓					
Sweet gale <i>Myrica gale</i>	✓					
Nootka rose <i>Rosa nutkana</i>	✓					
Shiny-leaf spirea <i>Spirea betulifolia</i>	✓					
Snowberry <i>Symphocarpos albus</i>	✓					
TREES						
Vine maple <i>Acer circinatum</i>	✓					
Beaked hazelnut <i>Corylus cornuta</i> v. <i>californica</i>	✓					
Bitter cherry <i>Prunus emarginata</i> "Mollis"	✓					
Cascara <i>Rhamnus pershiana</i>	✓					
Western serviceberry <i>Amalanchier ainifolia</i>	✓					
Willow spp. <i>Salix lucida</i> and <i>Salix scouleriana</i>	✓					
Red alder <i>Alnus rubra</i>	✓					
Bigleaf maple <i>Acer macrophyllum</i>	✓					
Douglas fir <i>Pseudotsuga menziesii</i>	✓					
Sitka spruce <i>Picea sitchensis</i>	✓					
Western red cedar <i>Thuja plicata</i>	✓					
Western hemlock <i>Tsuga heterophylla</i>	✓					

For more information

South Magnolia CSO Control Project:
www.kingcounty.gov/environment/wtd/Construction/Seattle/SMagnoliaCSOStorage

Landscaping with native plants:
www.green.kingcounty.gov/GoNative

Wildlife use of Pacific Northwest native plants:
www.wdfw.wa.gov/living/landscaping

