

Oklahoma Source Water Protection Program

Green Infrastructure Enhanced Assets



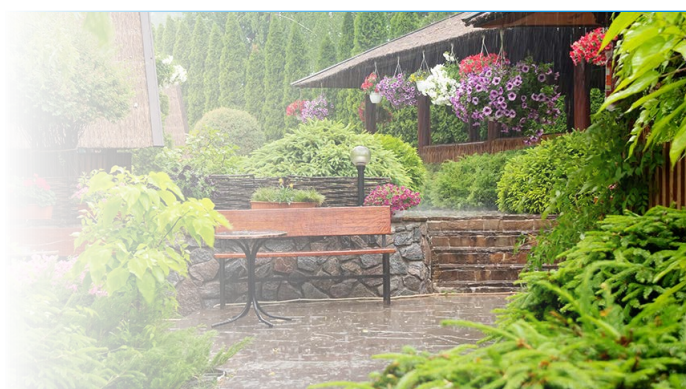
Updated November 2024

What Are Enhanced Assets?

Enhanced Assets are areas largely comprised of natural assets but have been designed or enhanced to provide specific mimicry of ecosystem functions. The following assets are considered examples of Enhanced Assets:

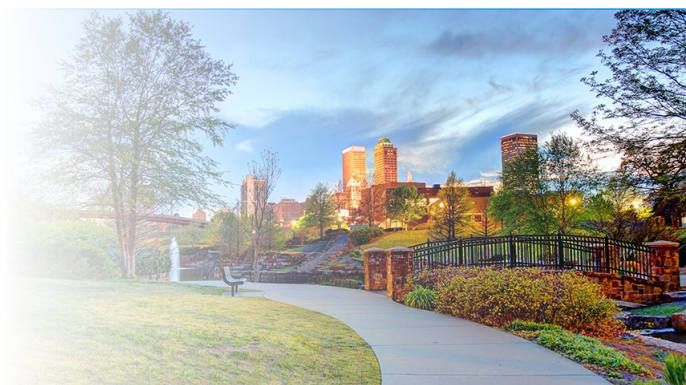
Rain Gardens

A depressed area in the landscape that collects rainwater from a roof, driveway, or street and allows vegetation to uptake water before soaking into the ground.



Urban Parks

A section of green space in or near a city or town kept for ornament and recreation.

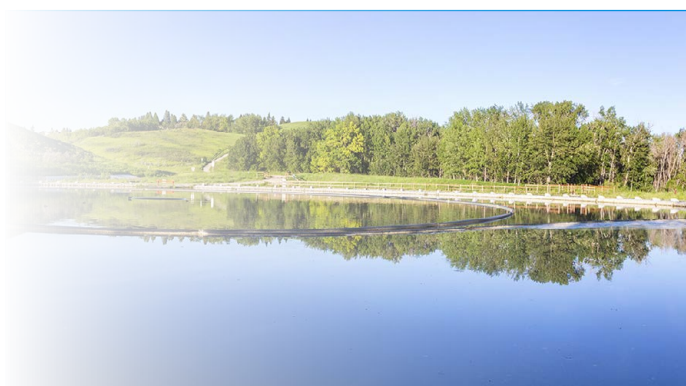


Urban Trees

A planned installation and management of trees within an urban setting.

Bioswales

Long, channeled depressions or trenches that receive rainwater runoff and organic matter to slow water for increased infiltration and filtering of pollutants.














Stormwater Ponds

A large, constructed basin that is built with the purpose of capturing and storing stormwater runoff

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Benefits of Enhanced Assets

Each type of enhanced asset may contribute to varying ecosystem functions and may provide multiple benefits to the areas in which they are present.

Function	Enhanced Asset	Benefits
Soil Quality and Erosion Management	Rain gardens Bioswales Stormwater ponds	 Protection of drinking water through groundwater recharge Risk reduction to property from flooding  Erosion control  Property value appreciation
Water Quality Management	Rain gardens Bioswales Stormwater ponds	 Protection of drinking water through groundwater recharge Risk reduction to property from flooding  Erosion control  Property value appreciation
Air Quality Management	Urban trees Urban parks	 Contribution to public health, such as reduction in asthma, and providing carbon sinks for mitigation of greenhouse gasses
Vegetation and Wildlife Management	Rain gardens Bioswales Urban trees Urban parks Stormwater ponds	 Contribution to local food systems such as pollination for food crops  Contribution to public health  Contribution to recreation and tourism  Property value appreciation

Contact DEQ:

Reach out to the Capacity Development Section via email or phone and request to participate in the **FREE** program.

Email: DEQ.CapDev@deq.ok.gov

Phone: (405) 702-8141

You can also visit the DEQ website for more info, helpful resources, and to sign up for the program. <https://tinyurl.com/44hsyfut>

