



PROJECT SUMMARY	Twisted Willows Development Spokane, Washington
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HydroStraw® All-In-One, Vegetator® Excel Where Others Failed on Basin Project

PROJECT STAKEHOLDER

- Lake Creek Development, LLC, Project Owner
- HydroLawn, Contractor

CHALLENGE

- After two failed attempts from prior companies to seed a steep retention basin, the developer needed a dependable solution that wouldn't let them down on this high-end project.

RESULTS

- The developer was able to close out the project months after application once they achieved the needed coverage thanks to the reliability of HydroStraw® HE All-In-One BFM and Vegetator®.

PRODUCTS USED

- Profile® HydroStraw® High Efficiency (HE) All-In-One BFM: 6,000 lb/ac (6,725 kg/ha)
- Vegetator® Cool Season Mixture: 100 lb/ac (112 kg/ha)



Basin prior to application

When taking on any new project, there's always that drive to follow through with the right solution. But when a project is under extreme scrutiny, the expectation to deliver can be even greater. Lake Creek Development, LLC, had a steep, sandy retention basin in the Twisted Willows Development in Spokane, Washington, that needed to be revegetated. After two failed attempts with other products, once with a competitor's hydromulch in early 2020 and once with the mulch and jute netting later that year, Lake Creek Development and HydroLawn consulted with Profile® Products High Efficiency (HE) mulch professionals to develop a solution that wouldn't disappoint.

DEVELOPING THE RELIABLE SOLUTION

When the Profile team stepped in to assist in 2021, they started by examining soil tests and learned that the site had low organic matter and needed a soil amendment to kick-start the nutrient cycle. Because the slope of the basin was so steep, they

also advised the contractor to apply a Hydraulically applied Erosion Control Product (HECP) to effectively lock down seed and soil. To take care of both issues at once, Profile prescribed their high efficiency mulch, HydroStraw® HE All-In-One BFM. Designed for disturbed sites, All-In-One BFM provides the soil-building components to rejuvenate the soil while also supplying erosion control protection up to the level of a Bonded Fiber Matrix. Plus, Profile's high efficiency mulch products are the highest-loading products on the market within their respective classes, saving contractors up to 50 percent more time on the job site.

To ensure proper seed selection, Profile also prescribed Vegetator® Cool Season Mixture from Summit Seed. Vegetator seed mix contains successional species including seasonal annuals that germinate quickly to stabilize the site, and cool season perennials that create a permanent vegetative cover for sustainable vegetation. For sites like this retention basin that are difficult to maintain, Vegetator steps in to help by creating an ecosystem for pollinators that doesn't need continued maintenance.

OVERCOMING THE CHALLENGES

After only a few months, it was clear the HydroStraw solution would be the winner. By applying All-In-One BFM to effectively modify the soil and provide erosion control protection, it allowed the Vegetator Cool Season mixture to take root and thrive. In follow-up inspections a few months after application, the site had the needed long-term coverage to close out the project.



HydroStraw® HE All-In-One BFM applied April 2021



Growth during follow-up inspection in May 2021



Impressive vegetative growth by July 2021



For help on your next project site, contact Profile Sales Support at 800-508-8681 or Technical Services at tech@profileproducts.com
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