



T115 Stormwater Treatment Alternatives Evaluation and CESF Design | Northland Services, Seattle, WA (2012 - 2014)



- Treatment for 30 paved and 10 pummeled gravel acres
- Meets low turbidity benchmark and TSS effluent limit
- Solution suited to the location & challenges



Robust treatment

West Hylebos Pier Biofiltration Facility | Port of Tacoma, WA (2010–2015)



- Treatment challenge for 25-acre waterfront terminal
- Minimal upland improvements allowed business as usual
- Biofiltration (with underdrains) proves performance of technology with very low O&M requirements & costs



Proven concept that checks all the boxes



Terminal 3 & Cargo Surge Area Stormwater Improvements | Port of Port Angeles, WA (2014–Ongoing)



- Effective biofiltration treatment for marine terminal and boatyard
- Expandable from 6 to 11 acres (80+% expansion)
- Non-proprietary, cost effective, and adaptable



Proven low-tech approach with minimal O&M