

***DRAFT* Deschutes Multiparameter TMDL Implementation Actions**

| Phase II Municipal Stormwater General Permits | |
|---|---|
| <i>Includes: Cities of Olympia, Lacey, and Tumwater, and Thurston County</i> | |
| Action | Comments |
| <p>OSS Systems:</p> <ul style="list-style-type: none"> -Conduct and track investigations of on-site septic systems (OSS) based on complaints or unsatisfactory maintenance reports. Use results for voluntary compliance or code enforcement -Continue to contact property owner notifications, monitoring, recording, and follow-up -Conduct on-site septic sanitary surveys for marine shoreline, stream, and upland areas. Segment streams with excessive fecal coliform levels. Use results for voluntary compliance or code enforcement | This is an ongoing activity conducted by Thurston County Environmental Health |
| <p>Environmental Complaint Response: Dye trace systems as needed based on sanitary survey results, complaint investigation results, or unsatisfactory maintenance records.</p> | This is an ongoing activity.. Prioritize work according to department policy for sanitary surveys and complaints. |
| <p>Implement a pet waste program that focuses on pet recreation areas and work with other jurisdictions to keep pet waste from stormwater conveyances (municipalities and Thurston County only)</p> | Continue to implement programs already ongoing. |
| <p>Work with adjacent Phase II permittees to implement a comprehensive IDDE program</p> | Continue to implement programs already ongoing. |
| <p>Coordinate with commercial or industrial dischargers to municipal stormwater collection systems to identify pollution sources and BMPs needed to prevent discharge of pollutants to the MS4 or directly to streams, rivers, or lakes within the TMDL boundary.</p> | Continue to implement local source control plans for new development. |
| <p>Stormwater control and management:</p> <ul style="list-style-type: none"> -Implement Phase 2 Municipal Stormwater Permit requirements to meet their WLA for future growth and development. -Identify locations where stormwater controls are needed using stormwater runoff models, develop a plan to reduce nutrient and bacteria loading with a schedule of prioritized projects that will be added to their stormwater management plan during the first permit cycle. The prioritized projects will need to be implemented during their subsequent permit cycles. | This is an ongoing activity. |
| Thurston Conservation District | |
| Action | Comments |

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| Provide assistance to residential landowners to encourage green lawn care practices that reduce the need for chemical fertilizers in areas outside of Phase II Stormwater permit areas. | |
| Olympia, Port of | |
| Action | Comments |
| Identify actions to control and treat all stormwater and add them to the facility's stormwater management plan | |
| Swantown Boatworks | |
| Action | Comments |
| No stormwater discharge of pollutants from boatyard activities | |
| Other Marina's in Budd Inlet? | |
| Action | Comments |
| | |
| Squaxin Island Tribe | |
| Action | Comments |
| Continue collaborating with watershed stakeholders and landowners to implement BMPs to reduce nonpoint pollution for non-permitted land use activities within the TMDL boundary | This is an ongoing activity. |
| WA State Dept. of Agriculture (WSDA) | |
| Action | Comments |
| Identify BMPs for Mahan Ranch Dairy that will reduce or eliminate their discharge of nutrients to surface and groundwater and provide assistance to the facility to implement the BMPs. | This is an ongoing activity. |
| WA State Dept. of Ecology (ECY) | |
| Action | Comments |
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| Provide funding opportunities through its competitive water quality grants and loan funding cycle, to projects addressing the objectives and BMPs identified in this TMDL | This is an ongoing activity. |
| WA State Dept. of Transportation (WSDOT) | |
| Action | Comments |

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| If notified of an issue, investigate and take appropriate measures to remedy the situation. | For example: Construction projects |
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| Stream Team (Olympia, Lacey, Tumwater, & Thurston County) | |
| Action | Comments |
| Work with watershed partners to provide education & outreach to land owners on BMPs to improve and maintain good water quality. | |
| WSU Thurston County Extension | |
| Action | Comments |
| Assist stakeholders to provide information on water quality improvement BMPs such as Low Impact Development, sustainable landscaping, riparian restoration, and stormwater management. | |
| Capitol Land Trust | |
| Action | Comments |
| Land acquisitions for preservation and riparian restoration in priority areas identified in this TMDL. | |
| Land Use Category | |
| Agricultural | |
| <i>(Including parcels identified as residential but that has some kind of agricultural activity, for example livestock or crops, but not gardens for personal consumption.</i> | |
| Action | Comments |
| Filtration Strips where runoff can reach an MS4 | |
| Riparian restoration/conservation along stream corridors | |
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| Commercial | |
| Action | Comments |
| Golf Courses: | Q: Will they get a WLA? |
| Large impervious surfaces (parking lots): standards to keep it clean? | |
| Industrial | |

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|---|----------|
| Those facilities receiving a wasteload allocation will be required to implement BMPs to meet their allocation | |
| Stock Yards/Areas: Identify and Implement BMPs to reduce or eliminate discharge of pollutants to stormwater | |
| Residential | |
| Action | Comments |
| Riparian restoration/conservation | |
| Lawn/Garden Care and Fertilizer Use | |
| OSS Maintenance | |
| Pet Waste | |
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