

2022 Changes to the Thurston County Drainage Design and Erosion Control Manual (DDECM)

<u>General Changes Applicable Manual Wide</u>			
General		Edited language to match the Department of Ecology 2019 Stormwater Manual for Western Washington (SWMMWW), and the NPDES Permit (Permit).	NPDES Permit requirement.
General		Moved text to improve readability or sequencing. (Substantial changes are called out in the applicable section.)	Improve usability of the DDECM.
General		Editorial changes to improve clarity.	Make DDECM less confusing and more direct.
General		Changed “impervious surfaces” to “hard surfaces”.	Comply with changes in the definitions.
General		Changed “new, replaced, and existing hard surface” to “new plus replaced hard surface area”	Manual equivalency.
General		Updated phone numbers, web site addresses, and other references.	Improve usability of the DDECM.
General		Deleted superfluous language that was editorial in nature and didn’t denote any regulatory or design guidance.	Improve usability of the DDECM.
<u>Preface and Table of Contents</u>			
<u>Chapter</u>	<u>Section</u>	<u>Change</u>	<u>Reason for Change</u>
I	TMDL	Revised TMDL list.	Make list current.
II	Glossary	Changed definitions to match definitions in the 2019 SWMMWW and Permit.	Provide consistency with NPDES Permit and manual equivalency.
<u>Volume I</u>			
<u>Chapter</u>	<u>Section</u>	<u>Change</u>	<u>Reason for Change</u>
2	2.1.2	Revised basis for the determination of thresholds for a project site.	Manual equivalency.
2	2.2.3	Added “pavement preservation activities that do not expand the road prism” to pavement maintenance practices.	Manual equivalency.
2	2.2.3	Added “bituminous surface treatment (“chip seal”) as pavement surface.	Manual equivalency.
2	2.2.5	Added requirement for County designed projects in the ROW or easements to be reviewed by Water Resources.	Provide requirement for internal review of projects designed or administered by the County within the County’s ROW or easements.

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2	2.3	Added additional language and steps to ensure projects comply with applicable Core Requirements.	Manual equivalency.
2	2.3	Revised flow charts for determining requirements for new development and redevelopment.	Manual equivalency.
2	2.3.1.1	Revised threshold assumptions for single family residential subdivision lots when values have not been formally declared for each lot in the land division application.	Manual equivalency.
2	2.3.1.1	Incorporated requirements of DECM.11.POL.802 Subdivision Land Area Calculations into the DDECM.	Eliminate need for separate policy.
2	2.3.2.2	Deleted financial cap on stormwater mitigation.	An exemption to the Core Requirements may be granted by the Administrator if the application imposes a severe and unexpected hardship on a case-by-case basis. The financial cap stipulates a maximum expenditure of 30% of total project costs (excluding the cost of stormwater mitigation for existing surfaces).
2	2.3.3	Revised list of basin plans.	Make list current.
2	2.3.3.1	Revised TMDL list.	Make list current.
2	2.4.1	Added Ecology figure "Example TDA Delineations"	Improve DDECM usability and clarity.
2	2.4.2	Replaced Short Form Construction Pollution Prevention Plan (SWPPP) with Stormwater Pollution Prevention Site Plan Checklist	A Construction SWPPP is required for all projects subject to Core Requirement #2. The checklist ensures small projects not required to meet Core Requirement #2 take SWPPP elements into consideration and are documented on plans.
2	2.4.5	Added language to match SWMMWW.	Manual equivalency.
2	2.4.6	Revised language to match SWMMWW.	Manual equivalency.
2	2.4.6	Revised flow chart.	Manual equivalency.
2	2.4.6	Replaced flow chart, tables, and language for Compliance with Core Requirement #5 and LID approaches.	Manual equivalency.
2	2.4.7	Revised language to match SWMMWW.	Manual equivalency.
2	2.4.8	Revised language to match SWMMWW.	Manual equivalency.
2	2.4.9	Revised language and added flow chart to match SWMMWW.	Manual equivalency.
2	2.4.12	Revised language to match SWMMWW.	Manual equivalency.

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2	2.5	Deleted requirement to prepare and record written legal documents against all parcels to which an easement or dedication applies.	Easements and dedications required to be shown on the face of the recorded plat or project site plan sufficient.
3	3.1.2	Deleted statement regarding allowance for flow credit for reverse slope sidewalk that drain onto native soils.	Clarified with more specific detail in other section.
3	3.2.2 (new)	Added language from memorandum exempting single family residential projects from Drainage Scoping Report for projects which do not reasonably expect to need to install BMPs to meet Core Requirements #6 and #7.	Eliminate need for separate memorandum.
3	3.2.2 (new)	Added requirement in memorandum for submittal of checklist(s) identified in the Project Review Flowchart for projects triggering all Core Requirements to be included in Drainage Scoping Report.	Eliminate need for separate memorandum.
3	3.2.5 (old)	Added preference for CAD files to be spatially referenced.	CAD drawings more easily integrated into GIS.
3	3.2.5 (old)	Recommended contacting the Auditor's Office for formatting requirements of recorded documents.	Documents for recording must meet specific formatting requirements.
3	3.2.5 (old)	Deleted requirement to record 8.5"x11" version of the Abbreviated or Engineered Abbreviated Drainage Plans.	Requirement redundant and onerous to applicants.
3	3.4	Revised flowchart to require a Construction SWPPP for all projects required to meet Core Requirement #2 and a Stormwater Pollution Prevention Site Plan Checklist for projects not required to meet Core Requirement #2.	Manual equivalency and assurance small projects not required to meet Core Requirement #2 consider the 13 Elements and BMPs are documented on plans.
3	3.4	Deleted table with thresholds for submittals.	Table is incomplete adaptation from another jurisdiction.
3	3.5.1	Added location of potable water infrastructure to be included on plot plan.	Provide location of water utilities on plot plan for more complete plan review.
3	3.5.1	Deleted recording requirement for plot plan.	Requirement redundant and onerous to applicants.
3	3.6	Deleted requirement for Short Form Construction SWPPP.	Manual equivalency. All projects required to meet Core Requirement #2 must submit a Construction SWPPP.
3	3.6	Added requirement for Stormwater Pollution Prevention Site Plan Checklist.	Small projects not required to meet Core Requirement #2 must still consider 13 Construction SWPPP elements and develop controls for all elements that pertain to

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			the project site. Submission of checklist will ensure erosion and sediment controls addressed.
3	3.8.1.8.1	Updated compliance language.	Manual equivalency.
3	3.8.1.8.2	Updated compliance language.	Manual equivalency.
3	3.8.1.8.3	Updated compliance language.	Manual equivalency.
3	3.8.3.3.2	Revised maximum contour intervals for site plans.	Manual equivalency.
3	3.8.5.1.1 (new)	Incorporated requirements of policy DECM.12.POL.601 Closed-Circuit Television Inspection and Air Pressure Test into the DDECM.	Eliminate need for separate policy.
4	4.2	Updated compliance language and moved text for sequencing and readability.	Manual equivalency and improve usability of the DDECM.
4	4.4	Updated compliance language and moved text for sequencing and readability.	Manual equivalency and improve usability of the DDECM.
Appendix	I-H (new)	Added policy DECM.12.POL.601 - Closed-Circuit Television Inspection and Air Pressure Test into the DDECM as an appendix.	Eliminate need for separate policy.
<u>Volume II</u>			
<u>Chapter</u>	<u>Section</u>	<u>Change</u>	<u>Reason for Change</u>
1	2.1.1	Deleted requirement for a Short Form Construction SWPPP and included requirement for a Stormwater Pollution Prevention Site Plan Checklist for small projects not required to meet Core Requirement #2.	Manual equivalency and assurance of compliance with projects not required to meet Core Requirement #2 but must address Construction SWPPP elements.
2	2.3.2	Updated compliance language.	Manual equivalency.
2	2.3.3	Updated compliance language.	Manual equivalency.
3	BMP C105	Added recycled concrete as prohibited material for construction entrance/exit.	Manual equivalency.
3	BMP C106	Edited language to match SWMMWW.	Manual equivalency.
3	BMP C120	Edited language to match SWMMWW and moved and formatted text to improve flow.	Manual equivalency and improve usability of the DDECM.
3	BMP C121	Edited language to match SWMMWW and moved and formatted text to improve flow.	Manual equivalency and improve usability of the DDECM.

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3	BMP C122	Edited language to match SWMMWW.	Manual equivalency.
3	BMP C123	Edited language to match SWMMWW.	Manual equivalency.
	BMP C125	Edited language to match SWMMWW and moved and formatted text to improve flow.	Manual equivalency and improve usability of the DDECM.
3	BMP C151	Edited language to match SWMMWW and moved and formatted text to improve flow.	Manual equivalency and improve usability of the DDECM.
3	BMP C152	Edited language to match SWMMWW and moved and formatted text to improve flow.	Manual equivalency and improve usability of the DDECM.
3	BMP C153	Edited language to match SWMMWW.	Manual equivalency.
3	BMP C154	Edited language to match SWMMWW and moved and formatted text to improve flow.	Manual equivalency and improve usability of the DDECM.
3	BMP C120	Edited language to match SWMMWW	Manual equivalency
3	BMP C160	Edited language to match SWMMWW and moved and formatted text to improve flow.	Manual equivalency and improve usability of the DDECM.
3	Table 3-11	Updated to match DDECM text changes.	Maintain consistency and improve usability of the DDECM.
3	BMP C151	Edited language to clarify <i>Design and Installation Specifications</i>	Manual equivalency
3	BMP C200	Edited language to match SWMMWW and moved and formatted text to improve flow.	Manual equivalency and improve usability of the DDECM.
3	BMP C201	Edited language to match SWMMWW.	Manual equivalency.
3	BMP C202	Updated BMP name to Riprap Channel Lining and edited language to match SWMMWW.	Manual equivalency.
3	BMP C204	Edited language to match SWMMWW.	Manual equivalency.
3	BMP C205	Edited language to match SWMMWW and moved and formatted text to improve flow.	Manual equivalency and improve usability of the DDECM.
3	BMP C206	Edited language to match SWMMWW.	Manual equivalency.

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3	BMP C208	Edited language to match SWMMWW.	Manual equivalency.
3	BMP C209	Edited language to match SWMMWW.	Manual equivalency.
3	BMP C220	Edited language to match SWMMWW.	Manual equivalency.
3	BMP C232	Edited language to match SWMMWW.	Manual equivalency.
3	BMP C233	Edited language to match SWMMWW and moved and formatted text to improve flow.	Manual equivalency and improve usability of the DDECM.
3	BMP C234	Edited language to match SWMMWW.	Manual equivalency.
3	BMP C235	Updated BMP name to Wattles, edited language to match SWMMWW, and moved and formatted text to improve flow.	Manual equivalency and improve usability of the DDECM.
3	BMP C236	Edited language to match SWMMWW.	Manual equivalency.
3	BMP C240	Edited language to match SWMMWW.	Manual equivalency.
3	BMP C241	Edited language to match SWMMWW and moved and formatted text to improve flow.	Manual equivalency and improve usability of the DDECM.
3	BMP C250	Edited language to match SWMMWW and moved and formatted text to improve flow.	Manual equivalency and improve usability of the DDECM.
3	BMP C251	Edited language to match SWMMWW and moved and formatted text to improve flow.	Manual equivalency and improve usability of the DDECM.
3	BMP C252	Updated BMP name to Treating and Disposing of High pH Water, edited language to match SWMMWW, and moved and formatted text to improve flow.	Manual equivalency and improve usability of the DDECM.
3	BMP C253	Deleted as stand-alone BMP and moved to BMP C252 to match SWMMWW.	Manual equivalency.
Appendix	II-B	Deleted as appendix and moved information to BMP C250 to match SWMMWW.	Manual equivalency and improve usability of the DDECM.
Appendix	II-C	Deleted Short Form Construction SWPPP template and replaced with Stormwater Pollution Prevention Site Plan Checklist document link.	Manual equivalency and assurance of compliance with projects not required to meet Core Requirement #2 but must address Construction SWPPP elements.

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Volume III			
Chapter	Section	Change	Reason for Change
2	2.1	Edited language to match SWMMWW and moved and formatted text to improve flow.	Manual equivalency and improve usability of the DDECM.
2	2.2 (new)	Added language regarding approved continuous simulation models.	Manual equivalency.
2	2.3 (new)	Added language regarding the Western Washington Hydrology Model (WWHM) to match SWMMWW.	Manual equivalency.
2	2.4	Added language regarding single event storm hydrograph analysis to match SWMMWW.	Manual equivalency
2	2.5 (new)	Added section for Flow Control BMPs that are not receiving flow from the entire amount of area that must be mitigated to match SWMMWW.	Manual equivalency.
2	2.7 (new)	Edited and added language to match SWMMWW and moved and formatted text to improve flow.	Manual equivalency and improve usability of the DDECM.
3	3.7	Added note that all new storm drain pipelines 8-inches and larger must be CCTV and Air Pressure Tested prior to final project acceptance.	Eliminates need for separate policy.
3	3.7	Added requirement “catch basin and manhole frames installed in curb shall not exceed 2 percent”.	Staff requested best practice.
3	3.7	Added requirement “concrete collars shall be installed around cleanouts and manholes in paved areas, or areas to be paved”.	Staff requested best practice.
3	3.7	Added requirement “when connecting to PVC pipe to a manhole or catch basin with knockouts, a coupling (sand collar) shall be used”.	Staff requested best practice.
3	3.7	Added requirement for locking lid on all drainage structures not located within a traveled roadway or sidewalk, and structures containing flow control devices or restrictors.	Staff requested best practice.
3	3.7	Replaced requirement for asphalt berm with installation of combination inlet frame, hood, and directional grate when the road profile equals or exceeds 6 percent between structures.	Staff requested best practice.

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3	Figure 3-1	Deleted figure for asphalt inlet berm.	No longer preferred best practice.
3	Figure 3-2	Deleted figure for asphalt concrete barrier curb and asphalt concrete raised edge.	No longer preferred best practice.
3	3.7	Added image of diffuser tee.	Absent from DDECM.
3	3.12	Deleted exception for single family residences to discharge stormwater directly onto County roads or municipal storm system.	Discharges must obtain prior approval from the County to discharge to County owned roads or storm systems.
3	3.12	Added language from memorandum limiting the use of pump stations, mechanical equipment, and other related appurtenances.	Eliminates need for separate memorandum.
Appendix	III-A	Edited language to match SWMMWW and moved and formatted text to improve flow.	Manual equivalency and improve usability of the DDECM.
Appendix	III-B	Edited language in Table B-4 to match SWMMWW and moved and text to improve flow.	Manual equivalency and improve usability of the DDECM.
Appendix	III-D	Edited language to match SWMMWW.	Manual equivalency.
<u>Volume IV</u>			
<u>Chapter</u>	<u>Section</u>	<u>Change</u>	<u>Reason for Change</u>
3	Table	Updated activity table to include new BMPs and revised BMP titles.	Manual equivalency and improve usability of the DDECM.
4	A1.3	Edited language to match SWMMWW.	Manual equivalency.
4	A1.5 (new)	Added Ecology required BMP for Dock Washing.	Manual equivalency.
4	A1.6 (new)	Added Ecology required BMP for Potable Water Line Flushing, Water Tank Maintenance, and Hydrant Testing.	Manual equivalency.
4	A2.2	Edited language to match SWMMWW.	Manual equivalency.
4	A2.5	Added Ecology required BMP for In-Water and Over-Water Fueling.	Manual equivalency.
4	A3.5	Edited language to match SWMMWW.	Manual equivalency.
4	A3.6	Edited language to match SWMMWW and moved BMPs for use of pesticides, irrigation, fertilizer management, and integrated pest management to more appropriate activity type and/or newly created type of activity.	Manual equivalency and improve usability of the DDECM.
4	A3.7	Edited language to match SWMMWW.	Manual equivalency.

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4	A3.8	Edited language to match SWMMWW.	Manual equivalency.
4	A3.11	Revised BMP title to Pesticides and an Integrated Pest Management Program and edited language to match SWMMWW. Moved Integrated Pest Management Program from Appendix IV-B into A3.11.	Manual equivalency and improve usability of the DDECM.
4	A3.12 (new)	Added Ecology required BMP for Nurseries and Greenhouses.	Manual equivalency.
4	A3.13 (new)	Moved irrigation from A3.6 to be separate BMP and edited language to match SWMMWW.	Manual equivalency.
4	A3.14 (new)	Moved fertilizer application from A3.6 to be separate BMP and edited language to match SWMMWW.	Manual equivalency.
4	A4.1	Edited language to match SWMMWW.	Manual equivalency.
4	A4.3	Revised BMP title to Temporary Fruit Storage and edited language to match SWMMWW.	Manual equivalency and improve usability of the DDECM.
4	A4.5	Edited language to match SWMMWW.	Manual equivalency.
4	A4.7	Edited language to match SWMMWW.	Manual equivalency.
4	A4.8	Edited language to match SWMMWW.	Manual equivalency.
4	A4.9	Edited language to match SWMMWW.	Manual equivalency.
4	A4.10	Revised BMP title to Storage of Dry Pesticides and Fertilizers and edited language to match SWMMWW.	Manual equivalency and improve usability of the DDECM.
4	A5.1	Revised BMP title to Construction Demolition and edited language to match SWMMWW.	Manual equivalency.
4	A5.2	Edited language to match SWMMWW.	Manual equivalency.
4	A6.1	Edited language to match SWMMWW.	Manual equivalency.
4	A6.2	Edited language to match SWMMWW.	Manual equivalency.
4	A6.3	Edited language to match SWMMWW.	Manual equivalency.
4	A7.1	Edited language to match SWMMWW.	Manual equivalency.
4	A7.4	Edited language to match SWMMWW.	Manual equivalency.
4	A7.7	Edited language to match SWMMWW.	Manual equivalency.
4	A7.8	Revised BMP title to De-icing and Anti-icing Operation for Airports and edited language to match SWMMWW. Moved deicing BMPs for streets and highways to be separate BMP.	Manual equivalency and improve usability of the DDECM.
4	A7.9	Edited language to match SWMMWW.	Manual equivalency.

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4	A7.11	Edited language to match SWMMWW.	Manual equivalency.
4	A7.13	Edited language to match SWMMWW.	Manual equivalency.
4	A7.16 (new)	Moved deicing of streets and highways from A7.8 to be a separate BMP and edited language to match SWMMWW.	Manual equivalency and improve usability of the DDECM.
4	A7.17 (new)	Added BMP for Maintenance and Repair of Vehicles and Equipment.	Manual equivalency.
4	A7.18 (new)	Added Ecology required BMP for Well, Utility, Directional and Geotechnical Drilling.	Manual equivalency.
4	A7.19 (new)	Added Ecology required BMP for Roof Vents.	Manual equivalency.
5	5.1	Revised index of BMP descriptions to include new Ecology required BMPs.	Improve usability of the DDECM.
5	S.10	Added Ecology required BMP for Labeling Storm Drain Inlets on Your Property.	Manual equivalency.
5	S.11	Added Ecology required BMP for Color Events.	Manual equivalency.
5	S.12	Added Ecology required BMP for Goose Waste.	Manual equivalency.
6	6.8	Edited language to match SWMMWW.	Manual equivalency.
6	6.8.2 (new)	Added section for Suggested BMPs for Recreation Areas and Multi-Family Properties and edited language to match SWMMWW.	Manual equivalency.
Appendix	IV-B	Deleted Integrated Pest Management Program as appendix and moved to BMP A3.11.	Manual equivalency and improve usability of the DDECM.
<u>Volume V</u>			
<u>Chapter</u>	<u>Section</u>	<u>Change</u>	<u>Reason for Change</u>
1	1.1	Revised table of BMPs to include new BMPs and revised titles.	Improve usability of the DDECM.
2	2.1.1	Changed 65/10 Dispersion to Full Dispersion.	Manual equivalency.
2	2.2.1	Edited language to match SWMMWW.	Manual equivalency.
2	2.2.1.10	Moved perforated stub out connections from LID.04 to be a separate BMP.	Manual equivalency and improve usability of the DDECM.
2	2.2.2	Added LID.04A Perforated Stub-out Connections as separate BMP to match SWMMWW.	Manual equivalency and improve usability of the DDECM.

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2	2.2.2 (old)	Edited LID.05 Downspout Dispersion Systems language to match SWMMWW.	Manual equivalency.
2	2.2.3 (old)	Edited LID.06 Sheet Flow Dispersion language to match SWMMWW.	Manual equivalency.
2	2.2.4 (old)	Edited LID.07 Concentrated Flow Dispersion language to match SWMMWW.	Manual equivalency.
2	2.2.5 (old)	Revised LID.08 BMP title to Bioretention and edited language to match SWMMWW.	Manual equivalency and improve usability of the DDECM.
2	2.2.5.6.6 (old)	Added allowance and reference for using high performance bioretention soil mix.	Response to public comment.
2	2.2.7 (new)	Added LID.08A Rain Gardens as separate BMP to match SWMMWW.	Manual equivalency.
2	2.2.6 (old)	Edited LID.09 Permeable Paving language to match SWMMWW.	Manual equivalency.
2	2.2.7 (old)	Edited LID.10 Vegetated Roofs language to match SWMMWW.	Manual equivalency.
2	2.2.8 (old)	Edited LID.11 Full Dispersion language to match SWMMWW.	Manual equivalency.
2	2.2.11 (old)	Edited LID.14 Tree Planting and Tree Retention (for Flow Control Credit) language to match SWMMWW.	Manual equivalency.
2	2.2.15 (new)	Added LID.16 Rainwater Harvesting BMP.	Manual equivalency.
3	3.1.3	Referenced Ecology's UIC Program guidance for the design, construction, operation and maintenance, and management of new and existing UIC wells where applicable. Added additional requirements for deep UIC wells to be more protective of groundwater quality.	Adopted Ecology UIC Program guidance where no DDECM guidance is provided. Staff requested best practices for deep UIC wells.
3	3.2.1	Edited IN.01 Infiltration Basins language to match SWMMWW.	Manual equivalency.
3	3.2.3	Revised IN.03 BMP title to Infiltration Vaults and Drywells and edited language to match SWMMWW.	Manual equivalency and improve usability of the DDECM.
4	4.1.1	Edited D.01 Detention Ponds language for to match SWMMWW.	Manual equivalency.
4	4.1.3.2.1	Edited language to match SWMMWW.	Manual equivalency.

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5	5.1	Edited language to match SWMMWW.	Manual equivalency.
5	5.1.1	Edited BF.01 Basic Biofiltration Swale language to match SWMMWW.	Manual equivalency.
5	5.1.2	Edited BF.02 Wet Biofiltration Swale language to match SWMMWW.	Manual equivalency.
5	5.1.4	Edited BF.04 Basic Filter Strip language to match SWMMWW and moved guidance for compost amended vegetated filter strip to separate BMP.	Manual equivalency and improve usability of the DDECM.
5	5.1.5 (new)	Added BF.05 Compost-Amended Vegetated Filter Strip (CAVFS) as separate BMP and edited language to match SWMMWW.	Manual equivalency and improve usability of the DDECM.
6	6.1.1 (new)	Edited WP.01 Stormwater Treatment Wetlands language to match SWMMWW and moved text to improve flow.	Manual equivalency and improve usability of the DDECM.
6	6.1.2	Edited WP.02 Wet Ponds language to match SWMMWW and moved text to improve flow.	Manual equivalency and improve usability of the DDECM.
6	6.1.3	Edited WP.03 Wet Vaults language to match SWMMWW and moved text to improve flow.	Manual equivalency and improve usability of the DDECM.
6	6.1.3.16 (old)	Revised title to Combined Detention Pond and Wet Pond (Basic and Large), edited language to match SWMMWW, and moved text to improve flow.	Manual equivalency and improve usability of the DDECM.
6	6.1.3.18 (old)	Revised title to Combined Detention and Stormwater Treatment Wetland, edited language to match SWMMWW, and moved text to improve flow.	Manual equivalency and improve usability of the DDECM.
6	6.1.4 (old)	Edited WP.05 Presettling Basins and Pretreatment language to match SWMMWW.	Manual equivalency.
7	7.1.1	Edited MF.01 Sand Filter Basin language to match SWMMWW and moved text to improve flow.	Manual equivalency and improve usability of the DDECM.
7	7.1.4	Edited MF.04 Media Filter Drain language to match SWMMWW and moved text to improve flow.	Manual equivalency and improve usability of the DDECM.
8	8.1.1	Revised title to OW.01 API (Baffle Type) Separator and edited language to match SWMMWW.	Manual equivalency.
8	8.1.2	Revised title to OW.02 Coalescing Plate (CP) Separator and edited language to match SWMMWW.	Manual equivalency.

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8	8.1.3	Deleted BMP OW.03 Oil Containment Booms	Manual equivalency. Not an Ecology-approved permanent BMP.
9	9.1	Edited language to match SWMMWW.	Manual equivalency.
9	9.2	Edited language to match SWMMWW.	Manual equivalency.
Appendix	V-C	Added safety warning for maintenance.	Staff requested best practice.
Appendix	V-C	Changed title of Maintenance Checklist to Maintenance Standards and added BMP numbers.	Improve clarity and usability of the DDECM.
Appendix	V-C	Edited text after each Maintenance Standards table to contact Thurston County for technical assistance.	Staff requested change to contact the County for technical assistance.
Appendix	V-C	Edited text to provide clarification for maintenance standards for Detention Ponds, Infiltration Basins and Trenches, Basic and Compost-Amended Biofiltration Swales, Wet and Continuous Inflow Biofiltration Swales, Wet Ponds, Treatment Wetlands, Fencing/Shrubbery Screen/Other Landscaping, Grounds (Landscaping), and Bioretention.	Improve clarity and usability of the DDECM. Staff requested best practices.