



**City of Aberdeen**  
Engineering Department  
200 East Market Street • Aberdeen, WA 98520-5207

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## **Full Drainage Submittal - Requirements Guide**

### ***Overview of Full Drainage Submittal:***

The Full Drainage Submittal is a comprehensive submittal addressing Minimum Technical Requirements #1 through #9, found in Volume I-3.4 of the 2019 Stormwater Management Manual for Western Washington (SWMMWW). A link to the online, interactive SWMMWW is provided here:

<https://fortress.wa.gov/ecy/ezshare/wq/Permits/Flare/2019SWMMWW/2019SWMMWW.htm>

This guide explains the elements of the Full Drainage Submittal and provides a checklist of all required components.

A Full Drainage Submittal is required when the proposed project results in 5,000 square feet, or more, of new plus replaced hard surface area, **and**, if the value of the proposed improvements exceed 50% of the assessed value of the existing site improvements; **or**, if the project converts  $\frac{3}{4}$  acres or more of vegetation to lawn or landscaped area, **or**, converts 2.5 acres or more of native vegetation to pasture. Please refer to the Glossary in the SWMMWW for definitions and terminology explanation.

The Full Drainage Submittal includes technical engineering requirements and must be prepared and stamped by a Professional Civil Engineer in the State of Washington. The City has adopted the most current version of the SWMMWW as its stormwater design standards and guidance document. All proposed projects shall adhere to the SWMMWW in the design and construction of stormwater improvements.

### ***Full Drainage Submittal – Submittal Items:***

The following submittal items are required as part of the Full Drainage Plan:

#### **1) Civil Construction Plans**

Civil Construction Plans shall contain all of the proposed improvements and applicable information essential for construction of a project. The plans showing stormwater facilities (e.g., pipes, inlets, detention or infiltration facilities, and water quality treatment measures) must be prepared by a licensed civil engineer. The plans should also be consistent with the Stormwater Site Plan to provide engineering justification and constructability for stormwater facilities. This may include applicable drainage, grading, erosion and sediment control, and topographic survey information, as well as any applicable notes or details. The minimum drawing requirements checklist is provided

with this guide to verify that all submitted drawings contain the necessary information for Engineering Department review.

## **2) Stormwater Site Plan**

A Stormwater Site Plan is a crucial element of the Full Drainage Submittal and is necessary for summarizing the design of stormwater facilities. The Stormwater Site Plan shall address all 9 Minimum Requirements and must be consistent with the Civil Construction Plans. **Volume III-3.2 of the SWMMWW** provides a step-by-step process to develop the Stormwater Site Plan and shall be used in completing the document. The Stormwater Site Plan must be prepared by a licensed civil engineer and include all of the steps listed in Volume III-3.2.

A Construction Stormwater Pollution Prevention Plan (CSWPPP) shall be completed as part of the Stormwater Site Plan. All land disturbing activities and projects creating hard surfaces are required to address stormwater runoff from construction areas. Sediment from soil erosion, waste concrete, spills, and other construction materials that may enter stormwater are considered pollutants and must be contained on-site. A Construction Stormwater Pollution Prevention Plan (CSWPPP) outlines the essential procedures for correctly managing stormwater during construction.

## **3) Stormwater Facilities Operations and Maintenance Plan**

Once the project is complete and stormwater facilities are constructed, they must be regularly inspected and maintained to assure proper function based on the original design. A Stormwater Facilities Operations and Maintenance Plan identifies the area and facilities requiring routine maintenance and specifies methods for preventing pollution from entering the storm drain system. The plan contains instructions for facility inspection and maintenance, and a legal agreement between the property owner(s) and the City of Aberdeen ensures the facility will continue to remain functional in the future. A checklist for the Stormwater Facilities Operations and Maintenance Plan has been included with this guide to assist in development of a complete plan.

## ***Low Impact Development (LID)***

All projects that exceed 2,000 square feet of new plus replaced hard surface are required to manage runoff from those hard surfaces using low impact development techniques and principles. Stormwater runoff from hard surfaces must be managed with rain gardens/bioretention cells, permeable pavements, downspout infiltration, or stormwater dispersion to native vegetation. In addition to mitigating runoff from hard surfaces, all disturbed pervious, landscaped areas on a project must meet the Ecology's requirement for post-construction soil quality and depth.

## ***When a Professional Engineer is Required***

State law requires that engineering work be performed by or under the direction of a professional engineer licensed to practice in Washington State. Designs and plans involving construction of water quality treatment facilities, flow control facilities (detention ponds or infiltration basins, vaults, or galleries), structural pollution source control facilities, LID facilities (using

performance standard design), or drainage conveyance systems (such as inlets, pipes, swales, and ditches) shall be prepared by or under the direction of a licensed engineer. The “practice of engineering” is further defined in RCW 18.43.020(5)(a).

All onsite soils evaluations and reports must be prepared by a professional soil scientist certified by the Soil Science Society of America (or equivalent national program), locally licensed on-site sewage designer, or a professional engineer, geologist, hydrogeologist, or engineering geologist registered in the State of Washington.

Full Drainage Submittals that require engineering calculations to size pipes, swales, inlets, infiltration facilities, rain gardens or bioretention cells, downspout infiltration or dispersion, permeable pavements, green roofs, or construction stormwater best management practices shall also be prepared by a licensed engineer. Construction Stormwater Pollution Prevention Plans (SWPPPs) that involve engineering calculations must also be prepared by or under the direction of a licensed engineer.

Full Drainage Submittals for single-family residences and small projects similar in size may use prescriptive methods for sizing onsite stormwater management facilities to comply with Minimum Requirement #5. If these prescriptive methods for facility sizing are used, an engineered plan is not required but all calculations, plans, and supporting documents still must be provided with the submittal.

## ***Submittal Checklists***

Please use the attached checklists to confirm all necessary components of the Full Drainage Submittal are included. Missing or incomplete items may result in the denial of your application.

<b>CIVIL CONSTRUCTION PLANS MINIMUM DRAWING REQUIREMENTS CHECKLIST</b> <i>(applies to all stormwater plan sheets)</i>		
<b><i>Applicant check box</i></b>	<b><i>Drawing Item Description</i></b>	<b><i>Staff check box</i></b>
<b>General Plan Requirements</b>		
<input type="checkbox"/>	All final design, construction drawings shall be stamped, signed, and dated by a licensed professional engineer	<input type="checkbox"/>
<input type="checkbox"/>	Vertical datum based on NAVD88	<input type="checkbox"/>
<input type="checkbox"/>	All sheets shall have a north arrow, scale, a benchmark and datum reference, the section, township, and range. Each set of drawings shall have a legend to define map symbols. North arrow should point to the top or to the left of the sheet	<input type="checkbox"/>
<input type="checkbox"/>	Right-of-way, easements, tract lines, and dimensions for all existing and proposed facilities including proposed roads and intersecting roads, properly dimensioned lot lines, lot numbers, location, and dimension of all tract and easement areas	<input type="checkbox"/>
<input type="checkbox"/>	Parcel boundaries, street alignments, and horizontal control shall include bearings, distances and stationing as appropriate	<input type="checkbox"/>
<input type="checkbox"/>	All topographic features within project limits and sufficient area beyond to resolve questions of setback, slope, drainage features and paths, access onto abutting property, and road continuations	<input type="checkbox"/>
<input type="checkbox"/>	All ditch flow lines, all drainage structures with invert elevations, utility locations, fences, structures, existing curbing and approaches, pertinent trees and shrubbery, and other appurtenances, which would affect the construction of the project	<input type="checkbox"/>
<input type="checkbox"/>	Identification of all existing public roads and adjoining subdivisions when it is pertinent to the scope of the project	<input type="checkbox"/>
<input type="checkbox"/>	Existing features shall be screened back or shaded so as to distinguish from proposed improvements	<input type="checkbox"/>
<b>Cover Requirements</b>		
<input type="checkbox"/>	A simple vicinity map, with north arrow oriented to the top of the sheet, showing project site, existing public road system and any other pertinent information	<input type="checkbox"/>
<input type="checkbox"/>	The applicant and project engineering firm's names, address, telephone number, email address, current owner, and parcel numbers	<input type="checkbox"/>

<input type="checkbox"/>	An index table of drawings within the plan set	<input type="checkbox"/>
<input type="checkbox"/>	Title block	<input type="checkbox"/>
<b>Grading &amp; Drainage Requirements</b>		
<input type="checkbox"/>	The project's existing and proposed storm drainage along with easements, tracts, drainage facilities, all buffer and screening areas, Soil and Vegetation Protection Areas, offsite and onsite existing drainage courses, flow dispersal areas and path dimensions, delineated wetlands, and associated buffers	<input type="checkbox"/>
<input type="checkbox"/>	Areas of possible significant environmental concern (gullies, ravines, swales, wetlands, steep slopes, estuaries, springs, creeks, lakes, etc.). For natural drainage features, show direction of flow	<input type="checkbox"/>
<input type="checkbox"/>	100-year floodplain boundary (if applicable)	<input type="checkbox"/>
<input type="checkbox"/>	Soil logs, soil log locations, and soils within the project site as verified by field testing (and documented in the Geotechnical Report)	<input type="checkbox"/>
<input type="checkbox"/>	Wells and wellhead protection areas – existing and proposed, onsite and on adjacent properties (both of record and not of record) within specified setbacks	<input type="checkbox"/>
<input type="checkbox"/>	Existing and proposed utilities (other than stormwater)	<input type="checkbox"/>
<input type="checkbox"/>	Existing paved and hard surfaces, including roads, roofs, and driveways	<input type="checkbox"/>
<input type="checkbox"/>	Lot dimensions and areas, property lines, parcel numbers, and ownership	<input type="checkbox"/>
<input type="checkbox"/>	Topographic information including contour lines of the property in its existing condition (confirmed with field survey data)	<input type="checkbox"/>
<input type="checkbox"/>	Topographic features that may act as natural stormwater storage, infiltration, or conveyance	<input type="checkbox"/>
<input type="checkbox"/>	Proposed grades and contours	<input type="checkbox"/>
<b>Plan and Profile Requirements</b>		
<input type="checkbox"/>	Original surface grade profile at 100-foot stations and at significant ground breaks and topographic features	<input type="checkbox"/>
<input type="checkbox"/>	Typical roadway/storm drainage cross-sections when applicable	<input type="checkbox"/>
<input type="checkbox"/>	Final surface and storm drain profile with stationing the same as the site/grading plan sheets	<input type="checkbox"/>
<input type="checkbox"/>	Type of structure and structure number (matching Stormwater Report)	<input type="checkbox"/>
<input type="checkbox"/>	Stationing/offsets on profile (coordinates on plan view)	<input type="checkbox"/>

<input type="checkbox"/>	Rim and invert (in and out) for all structures	<input type="checkbox"/>
<input type="checkbox"/>	Pipe length, size, material, and slope	<input type="checkbox"/>
<input type="checkbox"/>	Utility crossings shown on profile view and plan view	<input type="checkbox"/>
<input type="checkbox"/>	Structure information only shown on profile view	<input type="checkbox"/>
<b>Detail Drawing Requirements</b>		
<input type="checkbox"/>	A minimum of two cross-sections of each retention/detention pond and bioretention area showing original property lines, slope catch points, and all other pertinent information to adequately construct the pond or bioretention area	<input type="checkbox"/>
<input type="checkbox"/>	Details of flow control structures proposed to meet Minimum Requirement #7 and #8 depicting size, elevation, and orientation of all orifices, weirs, risers, etc.	<input type="checkbox"/>
<input type="checkbox"/>	Details of all facilities intended for treatment of stormwater to meet Minimum Requirement #6. All pertinent flow direction, elevations, and pipe invert information should be included on the detail	<input type="checkbox"/>
<input type="checkbox"/>	Details of all onsite stormwater management BMPs that are used to help achieve compliance with Minimum Requirement #5. If distributed bioretention areas and/or storage below permeable pavement are used, provide details to confirm accurate facility representation in the runoff models. Downspout infiltration and/or dispersion details should be included with appropriate sizing notes/schedule for residential lots	<input type="checkbox"/>
<input type="checkbox"/>	Identify locations and approximate size of all permeable pavement surfaces and/or bioretention areas to be installed, including those that will be installed on individual lots	<input type="checkbox"/>
<input type="checkbox"/>	Identify locations and species types for newly planted or retained trees for which impervious surface reduction credits are claimed. Supporting areas such as the flow paths for dispersion BMPs shall also be shown on the drawings	<input type="checkbox"/>
<input type="checkbox"/>	Standard open conveyance system (e.g., swales, ditches, etc.) cross-sections (if applicable)	<input type="checkbox"/>
<input type="checkbox"/>	Right-of-way cross-sections as required by the City	<input type="checkbox"/>
<input type="checkbox"/>	Construction recommendations from a soils report (if applicable)	<input type="checkbox"/>
<input type="checkbox"/>	Construction sequencing notes for protection of LID facilities and tree protection	<input type="checkbox"/>

## STORMWATER SITE PLAN REQUIREMENTS CHECKLIST

<i>Applicant check box</i>	<i>Item Description</i>	<i>Staff check box</i>
<b>General Format</b>		
<input type="checkbox"/>	Cover sheet and/or title page with project information, applicant name, engineer contact information	<input type="checkbox"/>
<input type="checkbox"/>	Project Engineer's Certification statement, with stamp and signature of engineer	<input type="checkbox"/>
<input type="checkbox"/>	Table of Contents	<input type="checkbox"/>
<input type="checkbox"/>	Existing and proposed drainage basin maps with threshold discharge areas (TDA) identified	<input type="checkbox"/>
<input type="checkbox"/>	Work maps (e.g., soil maps, offsite basin maps, conveyance maps, etc.)	<input type="checkbox"/>
<b>Proposed Project Description</b>		
<input type="checkbox"/>	Description of permit application submittal	<input type="checkbox"/>
<input type="checkbox"/>	Address, parcel numbers, zoning, and abbreviated legal description for the associated parcel(s)	<input type="checkbox"/>
<input type="checkbox"/>	Summary of development thresholds and how the proposed project meets applicable Minimum Requirements	<input type="checkbox"/>
<input type="checkbox"/>	Discussion and justification for LID BMP selection or infeasibility to meet Minimum Requirement #5	<input type="checkbox"/>
<input type="checkbox"/>	Brief project description of the entire development project	<input type="checkbox"/>
<input type="checkbox"/>	Tabulation of existing and proposed hard surfaces, pollution generating surfaces, converted vegetation areas, and undisturbed areas by threshold discharge area (TDA)	<input type="checkbox"/>
<input type="checkbox"/>	Summary of proposed conveyance system and sizing	<input type="checkbox"/>
<b>Existing Conditions</b>		
<input type="checkbox"/>	Brief description of the existing site conditions	<input type="checkbox"/>
<input type="checkbox"/>	LID feasibility evaluation for the project site	<input type="checkbox"/>
<input type="checkbox"/>	Discussion of existing drainage patterns and discharge from the site	<input type="checkbox"/>
<input type="checkbox"/>	Proximity to aquifer recharge or wellhead protection areas (if applicable)	<input type="checkbox"/>
<input type="checkbox"/>	Proximity and setbacks to critical areas (streams, wetlands, steep slopes, shorelines, etc.), including both onsite and nearby offsite areas	<input type="checkbox"/>
<input type="checkbox"/>	Offsite drainage to or through the project	<input type="checkbox"/>

<b>Soils Investigation</b>		
<input type="checkbox"/>	Description of soil testing procedure and evaluation used	<input type="checkbox"/>
<input type="checkbox"/>	Geotechnical or soils evaluation of the site (include in the appendix)	<input type="checkbox"/>
<input type="checkbox"/>	Discussion of SCS/NRCS soil series mapping and Hydrologic Soil Group	<input type="checkbox"/>
<input type="checkbox"/>	Soil reports completed by a qualified professional	<input type="checkbox"/>
<input type="checkbox"/>	Design infiltration rates determined by the applicable Ecology analysis method and correct equations and factors (i.e. $K_{sat}$ , $K_{equiv}$ , $f_{design}$ )	<input type="checkbox"/>
<input type="checkbox"/>	Depth to groundwater (i.e. any saturated soil stratum) identified on soil logs	<input type="checkbox"/>
<input type="checkbox"/>	Depth to confining soil layers identified on logs or in report	<input type="checkbox"/>
<input type="checkbox"/>	Identification of proposed native soil and vegetation protection areas (SVPAs) on site	<input type="checkbox"/>
<input type="checkbox"/>	Identification of any steep slopes, contaminated soils, or other sensitive soil areas	<input type="checkbox"/>
<input type="checkbox"/>	Discussion of soil suitability for proposed LID, treatment, or flow control BMPs	<input type="checkbox"/>
<b>Wells, Septic Systems and Fuel Tanks (if applicable)</b>		
<input type="checkbox"/>	Report presence of existing wells and septic systems in proximity to the site	<input type="checkbox"/>
<input type="checkbox"/>	Address methods for decommissioning wells or septic systems	<input type="checkbox"/>
<input type="checkbox"/>	Address setbacks for wells and septic systems from stormwater facilities	<input type="checkbox"/>
<input type="checkbox"/>	Address existing fuel tanks show on Civil Construction Plans	<input type="checkbox"/>
<input type="checkbox"/>	Address methods for tank removal or abandonment and coordination with Grays Harbor County Environmental Health	<input type="checkbox"/>
<b>Sub-basin Description</b>		
<input type="checkbox"/>	Description of offsite drainage tributary to the project	<input type="checkbox"/>
<input type="checkbox"/>	Description of the drainage system between the site and receiving waters	<input type="checkbox"/>
<input type="checkbox"/>	Description of how pre-developed and post developed drainage basins are analyzed for the project (reference work map and basin delineations)	<input type="checkbox"/>
<input type="checkbox"/>	Existing and proposed drainage basin maps are provided and summarized in the body of the report	<input type="checkbox"/>



<b>Floodplain Summary</b>		
<input type="checkbox"/>	FEMA FIRM panel and zone designation included	<input type="checkbox"/>
<input type="checkbox"/>	Base flood elevation reported (if known)	<input type="checkbox"/>
<input type="checkbox"/>	Discussion of any known flooding issues in the area and the extent of the known flooding	<input type="checkbox"/>
<b>Landscaping Considerations</b>		
<input type="checkbox"/>	Discussion of trees, fencing, or other screening requirements for facilities	<input type="checkbox"/>
<input type="checkbox"/>	Discussion of long-term maintenance needs of vegetation proposed for the entire stormwater management site	<input type="checkbox"/>
<input type="checkbox"/>	Discussion of Soil and Vegetation Protection Areas	<input type="checkbox"/>
<input type="checkbox"/>	Landscape plans for vegetated facilities included in report	<input type="checkbox"/>
<input type="checkbox"/>	Planting list for ponds, bioretention, etc.	<input type="checkbox"/>
<b>Stormwater Facility Design and Sizing</b>		
<input type="checkbox"/>	Applicable structural Source Control BMPs are identified in the report and shown on the Civil Construction Plans.	<input type="checkbox"/>
<input type="checkbox"/>	Pre-developed and Post-developed drainage basins summarized with total land coverage areas in body of report	<input type="checkbox"/>
<input type="checkbox"/>	Each detention and/or infiltration facility has a stage/storage volume table in the body of the report	<input type="checkbox"/>
<input type="checkbox"/>	Discussion of how flow control facilities comply with Minimum Requirement #7	<input type="checkbox"/>
<input type="checkbox"/>	Discussion of LID facility sizing to meet Minimum Requirement #5 ( <i>from list or performance standard selection</i> )	<input type="checkbox"/>
<input type="checkbox"/>	Calculations for stormwater facilities are included in the report and correspond to work map or Civil Construction Plans.	<input type="checkbox"/>
<input type="checkbox"/>	WWHM2012 modeling included in appendix for all basins/facilities ( <i>must include at minimum report print out generated from the program; screen shots alone are not acceptable</i> )	<input type="checkbox"/>
<input type="checkbox"/>	WWHM2012 model includes most current Grays Harbor County precipitation data and uses 15 minute time steps	<input type="checkbox"/>
<input type="checkbox"/>	Pre- and Post-developed drainage basins modeled in WWHM use the same naming convention as the work map or basin maps	<input type="checkbox"/>
<input type="checkbox"/>	Assumptions for sizing facilities have been stated for each design	<input type="checkbox"/>

<input type="checkbox"/>	Calculation and summary of disturbed pervious and converted native vegetation areas	<input type="checkbox"/>
<input type="checkbox"/>	Listing and discussion of all BMPs proposed for flow control and treatment for the project	<input type="checkbox"/>
<input type="checkbox"/>	Description of lot coverage and stormwater facilities proposed for each lot in a subdivision (residential or commercial)	<input type="checkbox"/>
<input type="checkbox"/>	Discussion of facility setbacks from basements, crawl spaces, steep slopes, etc.	<input type="checkbox"/>
<b>Conveyance System Analysis</b>		
<input type="checkbox"/>	Conveyance calculations summarized in body of report (table)	<input type="checkbox"/>
<input type="checkbox"/>	Calculations correspond to pipes and structures listed on plans by same name/callout	<input type="checkbox"/>
<input type="checkbox"/>	Flow rates, velocity, and depth included for each reach analyzed	<input type="checkbox"/>
<input type="checkbox"/>	Hydraulic grade, invert, and rim elevations identified for catch basins and manholes (with backwater analysis)	<input type="checkbox"/>
<input type="checkbox"/>	Inlet capacity flow calculations included in report	<input type="checkbox"/>
<b>Offsite Analysis</b>		
<input type="checkbox"/>	Discussion of offsite conditions and proposed mitigation methods	<input type="checkbox"/>
<input type="checkbox"/>	Nearest receiving surface water identified on map and in narrative	<input type="checkbox"/>
<input type="checkbox"/>	Stream basin or watershed where the project is located	<input type="checkbox"/>
<input type="checkbox"/>	Offsite analysis extends ¼ mile downstream	<input type="checkbox"/>
<input type="checkbox"/>	Offsite conveyance map showing downstream flow path is included	<input type="checkbox"/>
<input type="checkbox"/>	Evaluation of existing downstream drainage courses, channels, and/or pipes have been checked for capacity issues	<input type="checkbox"/>
<input type="checkbox"/>	Areas of localized flooding/ponding are identified	<input type="checkbox"/>
<input type="checkbox"/>	Potential erosion impacts at outfalls and discharge points are identified	<input type="checkbox"/>
<input type="checkbox"/>	Address water quality standards and restrictions for receiving waters (e.g. 303d listings, TMDLs, etc.)	<input type="checkbox"/>
<input type="checkbox"/>	Date and time of field inspection of downstream drainage course	<input type="checkbox"/>
<b>Covenants, Dedications, Easements, Agreements</b>		
<input type="checkbox"/>	Proposed and existing utilities are described for the project	<input type="checkbox"/>
<input type="checkbox"/>	Potential conflicts between existing utilities and stormwater improvements identified	<input type="checkbox"/>
<input type="checkbox"/>	Presence of onsite sewage systems (OSS) identified and decommissioning discussed	<input type="checkbox"/>

<input type="checkbox"/>	Describe maintenance agreements and Stormwater Site Management Plans prepared for the project	<input type="checkbox"/>
<input type="checkbox"/>	The Program Operator for maintenance activities is identified	<input type="checkbox"/>
<input type="checkbox"/>	Dedication of tracts or easements for stormwater management are described in the report and shown on plans and work maps	<input type="checkbox"/>
<b>Appendix</b>		
<input type="checkbox"/>	Hydrologic and hydraulic modeling program output reports included	<input type="checkbox"/>
<input type="checkbox"/>	Geotechnical reports and soil investigation results included	<input type="checkbox"/>
<input type="checkbox"/>	Any wetland or critical areas reports and studies with stormwater design impacts are included	<input type="checkbox"/>
<input type="checkbox"/>	Supporting calculations for summary design data provided in the body of the report is included	<input type="checkbox"/>
<input type="checkbox"/>	Environmental assessments or investigations are included	<input type="checkbox"/>
<input type="checkbox"/>	Additional specifications or data supporting the design of BMPs identified in the report and on plans	<input type="checkbox"/>

<b>STORMWATER FACILITIES OPERATION AND MAINTENANCE REQUIREMENTS CHECKLIST</b>		
<i>Applicant check box</i>	<i>Item Description</i>	<i>Staff check box</i>
<b>Required Plan Elements</b>		
<input type="checkbox"/>	Cover Sheet	<input type="checkbox"/>
<input type="checkbox"/>	Agreement to Maintain Stormwater Facilities	<input type="checkbox"/>
<input type="checkbox"/>	Stormwater Facility Maintenance Program	<input type="checkbox"/>
<b>Cover Sheet And Agreement To Maintain Stormwater Facilities</b>		
<input type="checkbox"/>	Cover sheet includes date prepared, project name, and contact information for person or firm responsible for preparation of the Stormwater Facilities Operations and Maintenance Plan	<input type="checkbox"/>
<input type="checkbox"/>	Agreement shall use current template and language from the City	<input type="checkbox"/>
<input type="checkbox"/>	Program Operator or property owner clearly identified	<input type="checkbox"/>

<input type="checkbox"/>	Full legal description for the property or properties that include stormwater facilities or areas	<input type="checkbox"/>
<input type="checkbox"/>	Agreement signed by program operator or property owner and notarized	<input type="checkbox"/>
<input type="checkbox"/>	Formatting meets Grays Harbor County Auditor requirements for recorded documents	<input type="checkbox"/>
<b>Stormwater Facility Maintenance Program</b>		
<input type="checkbox"/>	Maintenance program includes cover sheet with project or plat name, tax parcel numbers containing stormwater facilities to be maintained, and Program Operator identified	<input type="checkbox"/>
<input type="checkbox"/>	Program shall use current maintenance program template and language from the City	<input type="checkbox"/>
<input type="checkbox"/>	Program includes facility inspection description and maintenance checklists for the site	<input type="checkbox"/>
<input type="checkbox"/>	Project key map is included with location of facilities and stormwater management areas clearly identified	<input type="checkbox"/>
<input type="checkbox"/>	Itemized list of stormwater facilities and components found on site (e.g. quantity of catch basins, pipe, treatment vaults, ponds, etc.)	<input type="checkbox"/>
<input type="checkbox"/>	Program includes an itemized annual cost of maintenance for the management site, and replacement costs (stormwater facilities only)	<input type="checkbox"/>
<input type="checkbox"/>	Program includes narrative for management site including description of stormwater system, and description of receiving waters for stormwater leaving the site	<input type="checkbox"/>
<input type="checkbox"/>	Soil and Vegetation Protection Areas are shown on the key maps	<input type="checkbox"/>
<input type="checkbox"/>	All areas designated for stormwater flow dispersion are delineated on the key map and located within an easement or separate tract	<input type="checkbox"/>