



This form is used for verifying that all stormwater components were constructed in accordance with the approved development plan. The as-builts shall include all stormwater conveyance and management facilities, landscape components when vegetation is part of the stormwater design, and reflect all post-approval plan revisions and field adjustments made to the stormwater management facilities. As-built approval is required prior to the surety release for most site development and subdivision construction plans.

The Stormwater As-Built must be a post-construction survey, performed after all stormwater components are installed and functioning properly as per the approved design, and the project limits of disturbance must be stabilized. All construction on the site must be completed prior to approval of the stormwater as-built. The information on the stormwater as-built must be directly comparable with the information shown on the approved plan in order to show conformance. Staff will be reviewing for proper locations, sizes, elevations, volumes, details, etc. Generally, elevations within +/- 0.2' of those shown on the approved plan are acceptable unless the deviations cause an unacceptable slope condition or other concern. If deviations are found, additional information or calculations may be required to prove the system can function adequately as constructed. Revised design or calculations must be submitted and reviewed as a post approval plan revision (aka field change), rather than as part of the stormwater as-built review.

The following items are required to be submitted for review. Please note that the submittal will be checked for completeness prior to acceptance for review. Incomplete submittals will not be accepted.

- 1) This completed submittal form (No review fee is required)
- 2) Stormwater Management Facilities (SWMF) As-Built Survey—Submit electronic document via our [online web portal](#)
- 3) Supporting narrative or other information needed to verify that the system has been constructed in accordance with the approved plans. This includes, but is not limited to, the items listed in the attached Completeness Checklist.

What is the name of the project and DSC File#?

Which City staff has been informed of this plan through meetings, phone conversations or emails?

What issues were discussed?

If any required items are not included in the submittal package, list the associated item number below with a brief explanation for why the requirement is not applicable to this project.

Certification:

I certify as the Design Professional of record that all required items, excluding exceptions listed above, have been included in this submittal package and are 100% designed for approval.

Printed Name

Signature

Date

As-Built Survey for Stormwater Management System Completeness Checklist

The following is a list of the elements commonly required to be shown, depending on the design:

Item	Requirement	Comment	Requirement Met		
			Y	N	N/A
1.	All property lines and easements, labeled and dimensioned				
2.	Benchmark location, description, elevation and vertical datum (NAVD88)				
3.	Location map				
4.	The entire on-site stormwater facilities, and newly constructed off-site stormwater facilities, including both private and public components:				
4.a	Pipes, structures, swales				
4.b	Quantity and quality BMPs				
4.c	Required stormwater related vegetation (identify vegetated areas – do not list individual plants)				
4.d	Pipe materials, sizes, slopes, rim and invert elevations				
4.e	Details of weir, orifice, outlet control devices, etc.				
4.f	Details of proprietary or manufactured BMPs				
5.	Letter from manufacturer of proprietary BMP acknowledging correct design and installation				
6.	BMP cross-sections with labels and numerical data including:				
6.a	Side slopes, benches, revetments				
6.b	Water quantity and water quality volumes – both required and constructed				
6.c	Water surface elevations shown from approved design for the 1, 2, 10, and 100-year storm events				
6.d	Seasonal High Groundwater				
6.e	As-built elevations of each layer in the system (top and bottom of stone, filter media, pavers, etc.)				
6.f	As-built elevations at the same locations shown on the approved cross sections (top of bank, toe of slope, Normal Water Surface Elevation (NWE), etc.)				
7.	The certification on the following page must be placed on the face of the as-built, and signed and sealed by the responsible professional:				

As-Built Survey for Stormwater Management System Completeness Checklist

Stormwater Management Facilities Certification

Pursuant to 9VAC25-870-55, I hereby certify that to the best of my knowledge and belief the stormwater management facilities shown on these record drawings have been constructed in accordance with the approved plans and specifications.

Name

Signature

Virginia License

Date

"Certify means to state or declare a professional opinion based on sufficient and appropriate onsite inspections, material tests, as-built survey data, and information provided by other professionals and the contractor, conducted during or after construction."