



Form 3D – Bioretention Area As-Built Certification

City of Prattville Review

Reviewed By: _____ Date: _____

Required Attachments: As-built Survey H&H Calculations Photographs Maintenance Plan
 Vegetation Plan Operation and Maintenance Agreement (OMA)

Approval Status: Approved Approved Contingent Denied Incomplete

Comments: _____

Development Information

Date: _____

Name: _____ BMP ID: _____

Address or Location: _____

Required Attachments: As-built Survey H&H Calculations Photographs Maintenance Plan
 Vegetation Plan Operation and Maintenance Agreement (OMA)

Watershed: Noland Creek Autauga Creek Pine Creek Fay Branch

Bioretention Area

Design

Pretreatment: Grassed Filter Strip Forebay
 Other: _____

Soil Media: Depth Bottom EL
Mulch: _____ in _____ ft
Bioretention Media: _____ in _____ ft
Stone: _____ in _____ ft

Underdrain Pipe(s): Diameter Invert EL
Perforated Pipe: _____ in _____ ft
Outlet Pipe: _____ in _____ ft

Clean Out Pipe(s):
Diameter: _____ in
Number of Pipes: _____ ea

Overflow Structure: Trash Rack: Yes No
Material: _____
Shape: _____
Diameter: _____ ft OR
Width: _____ ft Length: _____ ft
Bottom EL: _____ ft Top EL: _____ ft

Outlet Pipe:
Material: _____
Shape: _____
Diameter: _____ ft

Drain Time: Depth Drain Time
Int. Water Storage: _____ in _____ hrs
Ponded Water: _____ in _____ hrs

As-Built

Pretreatment: Grassed Filter Strip Forebay
 Other: _____

Soil Media: Depth Bottom EL
Mulch: _____ in _____ ft
Bioretention Media: _____ in _____ ft
Stone: _____ in _____ ft

Underdrain Pipe(s): Diameter Invert EL
Perforated Pipe: _____ in _____ ft
Outlet Pipe: _____ in _____ ft

Clean Out Pipe(s):
Diameter: _____ in
Number of Pipes: _____ ea

Overflow Structure: Trash Rack: Yes No
Material: _____
Shape: _____
Diameter: _____ ft OR
Width: _____ ft Length: _____ ft
Bottom EL: _____ ft Top EL: _____ ft

Outlet Pipe:
Material: _____
Shape: _____
Diameter: _____ ft

Drain Time: Depth Drain Time
Int. Water Storage: _____ in _____ hrs
Ponded Water: _____ in _____ hrs

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Development Name: _____

Date: _____

BMP ID: _____

Outfall Location

Design

Latitude: _____° _____' _____"
Longitude: _____° _____' _____"

As-Built

Latitude: _____° _____' _____"
Longitude: _____° _____' _____"

Stage-Area-Storage Summary: (Notes: Maximum elevation increment of 1-foot. Add WQ_v elevation and check.)

Design

WQ _v	Elevation	Area	Cumulative
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³

As-Built

WQ _v	Elevation	Area	Cumulative
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³
<input type="checkbox"/>	_____ ft	_____ ft ²	_____ ft ³

Water Quality Volume (WQ_v)

Design WQ_v = _____ ft³

As-Built WQ_v = _____ ft³

Discharge Summary

Design

Rainfall	Pre Q	Pond In Q	Pond Out Q	Max. Stage	Outlet Velocity	Total Post Q
1.14" (WQ)	_____ ft ³ /s	_____ ft ³ /s	_____ ft ³ /s	_____ ft	_____ ft/s	_____ ft ³ /s
4.21" (2-yr)	_____ ft ³ /s	_____ ft ³ /s	_____ ft ³ /s	_____ ft	_____ ft/s	_____ ft ³ /s
5.24" (5-yr)	_____ ft ³ /s	_____ ft ³ /s	_____ ft ³ /s	_____ ft	_____ ft/s	_____ ft ³ /s
6.17" (10-yr)	_____ ft ³ /s	_____ ft ³ /s	_____ ft ³ /s	_____ ft	_____ ft/s	_____ ft ³ /s
7.55" (25-yr)	_____ ft ³ /s	_____ ft ³ /s	_____ ft ³ /s	_____ ft	_____ ft/s	_____ ft ³ /s
9.93" (100-yr)	_____ ft ³ /s	_____ ft ³ /s	_____ ft ³ /s	_____ ft	_____ ft/s	_____ ft ³ /s

As-Built

Rainfall	Pre Q	Pond In Q	Pond Out Q	Max. Stage	Outlet Velocity	Total Post Q
1.14" (WQ)	_____ ft ³ /s	_____ ft ³ /s	_____ ft ³ /s	_____ ft	_____ ft/s	_____ ft ³ /s
4.21" (2-yr)	_____ ft ³ /s	_____ ft ³ /s	_____ ft ³ /s	_____ ft	_____ ft/s	_____ ft ³ /s
5.24" (5-yr)	_____ ft ³ /s	_____ ft ³ /s	_____ ft ³ /s	_____ ft	_____ ft/s	_____ ft ³ /s
6.17" (10-yr)	_____ ft ³ /s	_____ ft ³ /s	_____ ft ³ /s	_____ ft	_____ ft/s	_____ ft ³ /s
7.55" (25-yr)	_____ ft ³ /s	_____ ft ³ /s	_____ ft ³ /s	_____ ft	_____ ft/s	_____ ft ³ /s
9.93" (100-yr)	_____ ft ³ /s	_____ ft ³ /s	_____ ft ³ /s	_____ ft	_____ ft/s	_____ ft ³ /s

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Form 3D – Bioretention Area As-Built Certification

Development Name: _____

Date: _____

BMP ID: _____

Owner's Information:

Name: _____ Phone: _____

Address: _____ Fax: _____

City: _____ State: _____ Zip Code: _____ E-mail: _____

Comments: _____

Home Owners Association (HOA) Information:

Not Applicable

Name: _____ Phone: _____

Address: _____ Fax: _____

City: _____ State: _____ Zip Code: _____ E-mail: _____

HOA Board Members:

Name	Title	Phone	E-mail
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Professional Engineer Certification:

By affixing my professional seal and signature on this form, I hereby certify that this stormwater management facility has been constructed in accordance with the approved design on file with the City of Prattville. I further certify that the drainage areas shown in the approved hydrology and hydraulic (H&H) calculations do in fact drain into this facility and that the post-development runoff mimics pre-development hydrology to the maximum extent practicable (MEP).

Company: _____

Seal: _____

Name: _____

E-mail: _____

Phone: _____

Signature: _____

Date: _____

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Supplemental Instructions

1. The developer / owner shall retain the services of a professional land surveyor to:
 - a. Perform a field survey of the constructed bioretention pond(s); and,
 - b. Develop an as-built drawing of the bioretention pond(s).
2. The developer shall retain the services of a professional engineer to:
 - a. Use the as-built survey data to complete Form 3D – Bioretention Area As-built Certification Form; and,
 - b. Provide ALL required attachments:
 - As-Built Survey Drawing(s)
 - H&H Calculations
 - Photographs
 - Vegetation Plan
 - Maintenance Plan
 - Operation and Maintenance Agreement (OMA)
 - All drawings provided with this form shall have a maximum scale of 1 inch = 100 feet
3. Form 3D – Bioretention Area As-built Certification Form shall be approved by the City prior to:
 - a. The issuance of a Certificate of Occupancy; and/or,
 - b. Prior to approval of the Final Plat.