



# Form 3B – Retention Pond As-Built Certification Form

## City of Prattville Review

Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_

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

Approval Status:  Approved  Approved Contingent  Denied  Incomplete

Comments: \_\_\_\_\_

## Development Information

Name: \_\_\_\_\_ Date: \_\_\_\_\_

BMP ID: \_\_\_\_\_

Address or Location: \_\_\_\_\_

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

**Watershed:**  Noland Creek  Autauga Creek  Pine Creek  Fay Branch

## Retention Pond

### Design

Normal Pool EL: \_\_\_\_\_ ft Bottom EL: \_\_\_\_\_ ft

WQ<sub>v</sub> Pool EL: \_\_\_\_\_ ft Surface Area: \_\_\_\_\_ ft<sup>2</sup>

Max Pool EL: \_\_\_\_\_ ft Pond Volume: \_\_\_\_\_ ft<sup>3</sup>

Sediment Forebay:  Yes  No Volume: \_\_\_\_\_ ft<sup>3</sup>

Low Flow Channel:  Yes  No

Perimeter Fence:  Yes  No

Access Road:  Yes  No

### As-Built

Normal Pool EL: \_\_\_\_\_ ft Bottom EL: \_\_\_\_\_ ft

WQ<sub>v</sub> Pool EL: \_\_\_\_\_ ft Surface Area: \_\_\_\_\_ ft<sup>2</sup>

Max Pool EL: \_\_\_\_\_ ft Pond Volume: \_\_\_\_\_ ft<sup>3</sup>

Sediment Forebay:  Yes  No Volume: \_\_\_\_\_ ft<sup>3</sup>

Low Flow Channel:  Yes  No

Perimeter Fence:  Yes  No

Access Road:  Yes  No

## Multi-Stage Riser

### Design

Material: \_\_\_\_\_ Shape: \_\_\_\_\_

Dimension: Dia.: \_\_\_\_\_ ft

Width: \_\_\_\_\_ ft Length: \_\_\_\_\_ ft

Bottom EL: \_\_\_\_\_ ft Top EL: \_\_\_\_\_ ft

Trash Rack:  Yes  No

Shape	Size	Inv. EL
Outlet Pipe: _____	_____ in	_____ ft
Anti-seep Collar: <input type="checkbox"/> Yes <input type="checkbox"/> No		
Pond Drain: _____	_____ in	_____ ft
Drain Valve: <input type="checkbox"/> Yes <input type="checkbox"/> No		
Pool Pipe: _____	_____ in	_____ ft
Valve: <input type="checkbox"/> Yes <input type="checkbox"/> No		
WQ <sub>v</sub> Orifice: _____	_____ in	_____ ft
Filter: <input type="checkbox"/> Yes <input type="checkbox"/> No		
Orifice 2: _____	_____ in	_____ ft
Orifice 3: _____	_____ in	_____ ft

### As-Built

Material: \_\_\_\_\_ Shape: \_\_\_\_\_

Dimension: Dia.: \_\_\_\_\_ ft

Width: \_\_\_\_\_ ft Length: \_\_\_\_\_ ft

Bottom EL: \_\_\_\_\_ ft Top EL: \_\_\_\_\_ ft

Trash Rack:  Yes  No

Shape	Size	Inv. EL
Outlet Pipe: _____	_____ in	_____ ft
Anti-seep Collar: <input type="checkbox"/> Yes <input type="checkbox"/> No		
Pond Drain: _____	_____ in	_____ ft
Drain Valve: <input type="checkbox"/> Yes <input type="checkbox"/> No		
Pool Pipe: _____	_____ in	_____ ft
Valve: <input type="checkbox"/> Yes <input type="checkbox"/> No		
WQ <sub>v</sub> Orifice: _____	_____ in	_____ ft
Filter: <input type="checkbox"/> Yes <input type="checkbox"/> No		
Orifice 2: _____	_____ in	_____ ft
Orifice 3: _____	_____ in	_____ ft



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Date: \_\_\_\_\_

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## Multi-Stage Riser (continued)

	Shape	Length	Inv. EL
Weir 1:	_____	_____ ft	_____ ft
Weir 2:	_____	_____ ft	_____ ft

	Shape	Length	Inv. EL
Weir 1:	_____	_____ ft	_____ ft
Weir 2:	_____	_____ ft	_____ ft

## Emergency Spillway

### Design

Material: \_\_\_\_\_ Shape: \_\_\_\_\_  
 Length: \_\_\_\_\_ ft Width: \_\_\_\_\_ ft  
 Crest EL: \_\_\_\_\_ ft Top EL: \_\_\_\_\_ ft

### As-Built

Material: \_\_\_\_\_ Shape: \_\_\_\_\_  
 Length: \_\_\_\_\_ ft Width: \_\_\_\_\_ ft  
 Crest EL: \_\_\_\_\_ ft Top EL: \_\_\_\_\_ ft

## Outfall Location

### Design

Latitude: \_\_\_\_\_° \_\_\_\_\_' \_\_\_\_\_"  
 Longitude: \_\_\_\_\_° \_\_\_\_\_' \_\_\_\_\_"

### As-Built

Latitude: \_\_\_\_\_° \_\_\_\_\_' \_\_\_\_\_"  
 Longitude: \_\_\_\_\_° \_\_\_\_\_' \_\_\_\_\_"

## Water Quality Volume (WQ<sub>v</sub>)

**Design** WQ<sub>v</sub> = \_\_\_\_\_ ft<sup>3</sup>

**As-Built** WQ<sub>v</sub> = \_\_\_\_\_ ft<sup>3</sup>

## Pond Discharge Summary

### Design

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

### As-Built

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



# Form 3B – Retention Pond As-Built Certification Form

Development Name: \_\_\_\_\_

Date: \_\_\_\_\_

BMP ID: \_\_\_\_\_

**Pond Stage-Area-Storage Summary** (Notes: Maximum elevation increment of 1-foot. Add WQ<sub>v</sub> elevation and check.)

**Design**

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

**As-Built**

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

**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
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____



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Development Name: \_\_\_\_\_

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## **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: \_\_\_\_\_



# Form 3B – Retention Pond As-Built Certification Form

## Supplemental Instructions

1. The developer / owner shall retain the services of a professional land surveyor to:
  - a. Perform a field survey of the constructed retention pond(s); and,
  - b. Develop an as-built drawing of the retention pond(s).
  
2. The developer shall retain the services of a professional engineer to:
  - a. Use the as-built survey data to complete Form 3B – Retention Pond As-built Certification Form; and,
  - b. Provide ALL required attachments:
    - As-Built Survey Drawing(s)
    - H&H Calculations
    - Photographs
    - Operation and Maintenance Agreement (OMA)
    - All drawings provided with this form shall have a maximum scale of 1 inch = 100 feet
  
3. Form 3B – Retention Pond 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.